









Frédéric Di Maggio Chief Executive Officer of the PRESTO Group

2014 showed us that PRESTO was right to keep on pushing and promoting technological French know how in terms of water saving solutions.

PRESTO Group's vision for the future is to become the essential global reference in innovative and sustainable solutions to control water in collectivities.

Maintaining and strengthening our position as market leader and achieving our vision means continuing to innovate and propose solutions that meet our clients' specific needs; it means continuing to propose high quality products and services while guaranteeing that technical and regulatory requirements are met. Quality means sustainability, both for an installation and a business.

# PANORAMA OF THE PRESTO OFFER



#### Washbasin

# Shower









#### Washbasin

# Shower



SENSOR AND SENSITIVE TECHNOLOGY







#### Washbasin

# Mobility-impaired section









# Urinal valve



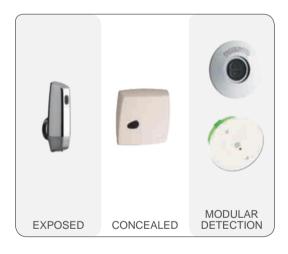
#### Flush valve



### Mounting frame



# Urinal valve



#### . Flush valve



# Mounting frame



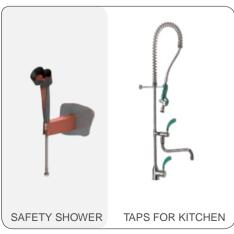
# Mixing valve

# Professional taps

Sanitary Accessories

Maintenance











# Washbasin



Shower



Mixing valve



Urinal valve



Flush valve



Mounting frame



Service duct



Sanitary accessories



Presto healthcare and Mobility



Professional taps



Maintenance

# Innovation

### IS IN OUR DNA

# IF PRESTO GROUP HAS 88 YEARS OF HISTORY BEHIND IT, THIS IS PARTLY BECAUSE WE HAVE NEVER CEASED TO INNOVATE.

PRESTO was officially born in 1927 under the leadership of two brothers, André and Lucien Patient, designers and developers of a brand which quickly became a «must». A conductive line: saving water in public places sanitaries.

The self-closing tap started out as a shower tap, an innovation no one had every thought of before. This was followed by hundreds of PRESTO tapware solutions, most of which are patented.

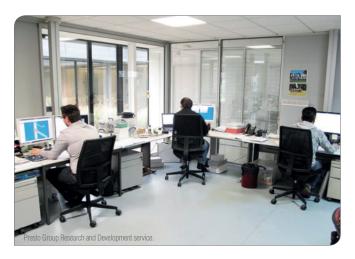
Innovation is made possible by anticipating needs and by the ability to transpose technological mutations and advances to our business. Conscious of the impact of electronics on everyday life, we quickly incorporated this into our taps. In the same way, three decades before the law of 2005 concerning the accessibility of buildings receiving the public, Presto was already launching comprehensive solutions to facilitate access to public toilets for people with reduced mobility.

After almost a century of research and development in a fascinating profession, PRESTO still feels this urge to innovate.

#### PATENTED PRESTO SYSTEM, UNIQUE ON THE MARKET

PRESTO self-closing taps are fitted with a calibrated wear-proof synthetic ruby which uses a self-cleaning needle to guarantee constant timing.

Each time the tap button is used, the needle cleans the water passage and prevents the system from blocking.



# Strong &

# **COMPLEMENTARY BRANDS**

AS A REFERENCE IN TAPWARE FOR COLLECTIVE FACILITIES, THE PRESTO GROUP OFFERS COMPREHENSIVE SOLUTIONS.

3 brands which are committed to providing you with the solutions best suited to the needs of your contracts.



Tapware solutions for hygiene and safety in hospitals and care homes for dependent elderly people.



Tapware solutions for toilets and accessibility to people with reduced mobility in collective facilities.

Professional tapware solutions: large kitchens, safety, renovation.



The leading brand in France for laboratory tapware solutions.

# Presto,

# THE TECHNOLOGY



#### **MECHANICAL SELF-CLOSING TAPWARE**

#### **Function**

The user presses the push-button, starting the water flow which lasts for a factory-set time and then stops automatically.

- + Water flow automatically stops after a factory-set time.
- 10-year warranty
- + Designed for intensive use and areas prone to vandalism.



### **Function**

Presto New Touch has a Start/Stop function used to optimise the amount of water used. The water flow is activated simply by a light touch on the button. The flow stops after a pre-programmed time delay or at any time by touching the button a second time.

#### **Advantages**

- + Total hygiene
- + Overflow safety mechanism in case of power cuts
- + Adjustable periodic flushing
- + The tap stops automatically after a precise time defined by the manager or if the user presses the button again.



# **Function**

Presto® electronic cell tapware delivers exactly the right amount of water required for each use. The water flow is activated without any contact with the tap as soon as the hands are detected and then stops automatically when they are removed. Delivered as standard with 3 l/min flow regulator.

#### Advantages

- + Maximum hygiene
- + Overflow safety mechanism in case of power cuts or the obstruction of the sensor cell
- + Interchangeable with all types of taps
- + The tap delivers just the right amount of water required for each use





#### PRESTOGREEN RANGE: INNOVATION BY PRESTO

#### With PRESTOGREEN, water consumption is further reduced by:

- + Cutting flow times by 7 seconds to achieve an optimum balance between user comfort and savings + A flow rate of 1.9 L/min made possible by «spray effect» aerators which ensure comfortable use and an optimum water

#### The PRESTOGREEN range is available for most of the PRESTO washbasin tapware:

# French know-how,

# A GLOBAL PLAYER





# IN ADDITION TO ITS HISTORICAL HEAD OFFICE IN THE PARIS AREA, PRESTO ALSO HAS TWO PRODUCTION SITES IN POITOU-CHARENTES,

one in Saint-Georges-de-Didonne specialised in the design and manufacture of PRESTO® solutions, and the second near Angoulême more specifically dedicated to the Health sector, with the SANIFIRST® and FIRST LABO® solutions, allowing us to export our solutions to over 80 countries.

Already installed in Germany, Italy and Singapore, the Group continued its development with the opening of two new subsidiaries: PRESTO MIDDLE EAST in the United Arab Emirates in 2014 and PRESTO NORTH AFRICA in 2015.

Whether for schools, restaurants, sports facilities, outdoor accommodation or health establishments in France or worldwide,

the PRESTO Groups is strongly committed to developing robust, easy-to-use products which combine water savings, hygiene, efficiency, ease-of-maintenance and style.

# Our 5 foundation pillars:

# **OUR SPECIFICITY**



#### WATER AND ENERGY SAVINGS

Control water consumption everywhere thanks to self-closing taps, the anti-blocking "S" system and a constant flow.



#### RELIABILITY AND QUALITY

The design of Presto Group taps guarantees they are perfectly suited to the various applications and regulatory and normative constraints.



#### **H**YGIENE AND COMFORT

Guarantee impeccable hygiene thanks to the selfclosing system, hands-free operation and automatic drainage, avoiding any risk of water stagnation.



#### SIMPLIFIED MAINTENANCE AND EASY INSTALLATION

Presto taps mechanisms are inaccessible to users, their components are sealed and fixtures reinforced for simplified installation and maintenance.



#### ROBUST AND VANDAL-PROOF

Presto Group taps are designed for intensive use for which traditional tap fittings for the home market are not adapted.



# Our markets,

# SOME REFERENCES

TO BE PUT IN CONTACT WITH A DEALER ABROAD, GET IN TOUCH WITH THE EXPORT CUSTOMER CENTRE NOW: 01 46 12 34 56 OR SERVICECLIENT@PRESTO-GROUP.COM



#### **Sports**

France: Aquaboulevard (Paris) - Vélodrome stadium (Marseille) - 24 heures du Mans race track (Le Mans) Worldwide: Leichhardt Aquatic Centre (Sydney, Australia) - Basketball Olympic Complex (Helliniko, Greece) - Barcelona FC and Real Madrid stadiums (Spain) - Juventus sports centre (Pinzolo, Italy)





#### **Education**

France: Denis Diderot High school (Marseille)
Poissonniers Nursery school (Neuilly/Seine)
Sainte-Marie Secondary school (Royan)
Worldwide: Polytechnic University
(Hong Kong, China)
Apallokka Skole (Oslo, Norway)
Physics faculty (Lausanne, Switzerland)

#### **Professional activities**

France: Eurocopter (Marignane)
Airbus (Saint Nazaire)
Louis Vuitton workroom (Les Essarts)
Worldwide: Meat Processing System (MPS)'
Beijing Factory (China)
Rhodia Laboratory (Jakarta, Indonesia)
Porsche plant - Stuttgart



#### **Outdoor accommodation**

**France:** Cap d'Agde camp site Toison d'Or camp site (Ramatuelle) Pampelonne beach (Saint-Tropez) Paris camp site (Bois de Boulogne)

Worldwide: Sant'Angelo camp site and Venezia Cavallino camp site (Italy)

#### **Cafés Hotels Restaurants**

France: Bedford Hotel (Paris)
Worldwide: The Bird Flanagan
(Dublin, Ireland)
Relais de la côte (Geneva, Switzerland)
Al Akaria Plaza (Jeddah, Saudi Arabia)
Sheraton (Casablanca, Morocco)



#### **Transport**

**France:** Charles de Gaulle aircraft carrier Chartres services A10

**Worldwide:** Belgrade station (Serbia) Kuwait Oil Company (Kuwait)



#### **Cultural centres**

France: Citadelle de Saint Michel Worldwide: Prague castle (Czech Republic) National Museum of Ireland (Dublin, Ireland) Baccarat museum (Moscow, Russia)

#### **Vandal-proof**

France: Nantes prison complex
Melrose prison complex (Mauritius)
Worldwide: Geneva prison complex (Switzerland)
Almere prison (Netherlands)
Rimutaka prison (New Zealand)
Samail prison (Sultanate of Oman)

# Accessibility to people with reduced mobility

France: Bischwiller care home for dependent elderly people (Alsace)
Worldwide: Cité de la Santé hospital in Laval (Canada)

Al Manara Hospital (Dubai) Vitro Clinic (Byblos, Lebanon)

# Assisting you

# WITH YOUR PROJECTS

#### PROXIMITY AND SERVICE ARE AN INTEGRAL PART OF THE PRESTO GROUP OFFER.

A quality solution can only be effective if it is well installed. Our Group is therefore by your side from the design of your project right through to its installation and well beyond!

#### SALES NETWORK OF LOCAL AGENTS

In France and abroad, the PRESTO Group has a vast sales network to assist you every step of the way.

#### TAILORED CUSTOMER SERVICE

A customer service department to help you right from the start of your project. Advice to find the most suitable solution, information concerning standards, prices, supply of documentation, etc.

The technical department supports you during the operational phase of the project and after the sale with advice, diagnostics, maintenance, information, etc.



#### **ONLINE TOOLS**

#### www.presto.fr www.prestodatashare.com,

the technical document base for prescribers

#### TARGETED DOCUMENTATION

In addition to the general catalogue, the website and the technical document base, the PRESTO Group can provide you with documentation for any specific information you may require.



#### 1 - Solutions guide Ref. Z466.7

24 pages to find out all about PRESTO, its organisation, and expertise or to present them



#### 2 - The essentials Ref. Z479.7

Direct access to PRESTO's key

your contact details.



# 3 - Health tapware catalogue

Find all the PRESTO and SANILAB blishments (hospitals, clinics, etc.) facilities (care homes for dependent elderly people, etc.) where hygiene, safety and ergonomics are vital.



#### 4 - New product sheets

All the technical and sales information on our new PRESTO

# Presto

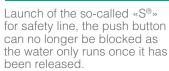
### TIMELINE





From the Place Clichy (Paris) studio, André Patient creates Presto

tapware with the first DL® timeflow showers. His brother, Lucien, joins him soon. The head office is delocalized in Montrouge (92).





Launch of the P1000 M, a flush with an omni-directional handle for schools.

Alpa®, self-closing shower taps bringing water mixing to collective washrooms.



Launch of the self-closing shower with a directional head mounted on a ball joint.

First exports of the Presto® solutions.

1st sensor taps for washbasins, showers, toilet flushes and urinals. 1st range produced in different colours.

Opening of a sales office in Asia (Singapore).

DL 400 S®, a shower tap with a sleek design, directional anti-limescale shower head and no visible tubes or flanges. Creation of a subsidiary in Germany, PRESTO ARMATUREN.

Acquisition of FLMG, specialist of healthcare tapware and a reference in laboratories. FLMG becomes SANILAB.



Presto® Touch® customisable sensitive range, a light touch is enough!

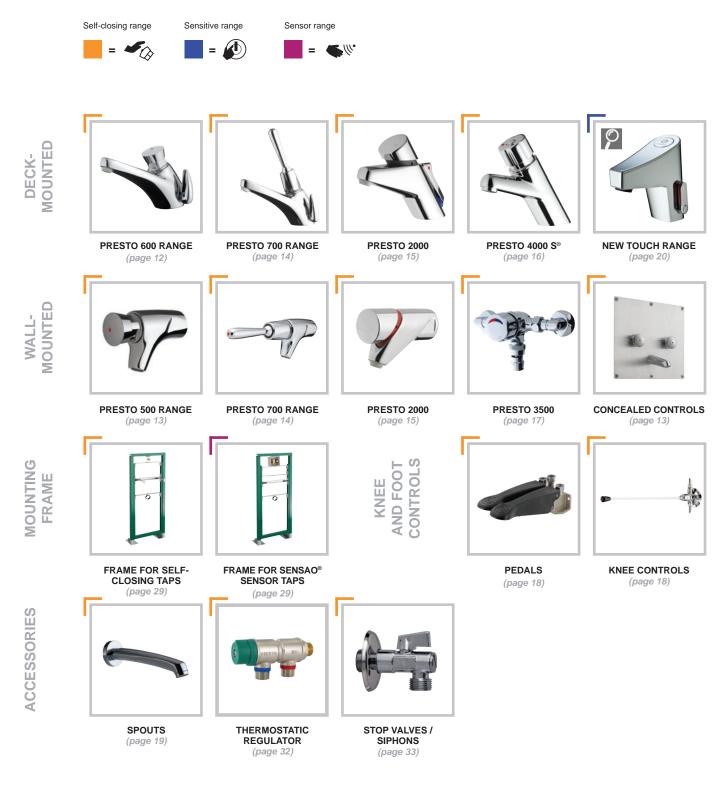
Creation of the PRESTO NORTH AFRICA subsidiary.



Creation of the PRESTO MIDDLE EAST subsidiary (Dubaï - United Arab Emirates)

# WASHBASIN **SELF CLOSING TAPS** 12 **ACCESSORIES** 19 **SENSITIVE TAPS** 20 SENSOR TAPS WITH INFRARED DETECTION 22 **ACCESSORIES** 32







(page 20)

# PRESTO TOUCH RANGE

Start and stop the flow by lightly touching the button. Available in 6 colours.
Customization on request.
Automatically stops after 6 seconds (flow time can be set by the manager).







# SO'O® RANGE

Automatically stops after the hands are removed, anti-blocking system after 30 seconds flow.

Covers available in 3 colours with 150 mm extension for high basins.

Customization on request.

WWW.PRESTODATASHARE.COM: DOWNLOAD CENTER FOR TENDERS SPECIFICATIONS, TECHNICAL SHEETS AND PRODUCT PICTURES/WWW.PRESTO-GROUP.COM



- Patented self-cleaning device Constant timed flow: automatically stops after 15 seconds (+/- 5sec).
- Mixer taps fitted with non-return valves and filter gaskets.
- Flow rate of 3L/min in position 1. 4 position flow regulation.
- Non-turnable knob. Anti-limescale flow straightener.











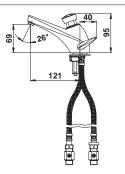




PRESTO 3000 - 3000 S®







PRESTO 3000 deck-mounted mixer tap

68032 With PEX hoses and straight stop valves

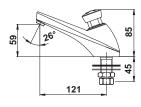
With PEX hoses without stop valve

PRESTO 3000 S® anti-blocking system deck-mounted mixer tap

68132 With PEX hoses and straight stop valves
With PEX hoses without stop valve

PRESTO 605 - 605 S®





PRESTO 605 single deck-mounted tap



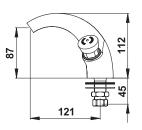
Single deck-mounted tap PRESTO 605 S® anti-blocking system

64632 Hot water 64612 Cold water

68040

PRESTO 600 - 600 S®



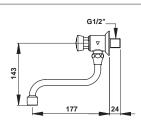


PRESTO 600 single deck-mounted tap

24032 Hot water Cold water

PRESTO 612 - Bec tournant





#### Single wall-mounted tap with swivelling spout

31815 Cold water



PRESTOGREEN, for even more water savings: references delivered with a 7 sec timed flow. The Prestogreen range includes many references.

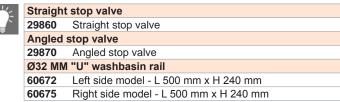
For any demand on other references than those on the catalog, solutions exist, please contact your sales agent or <code>serviceclient@presto-group.com</code>



Model with drain opening and control on request.



All our mixer taps are supplied with PEX hoses resistant to chlorine sanitization and thermal shock.



Accesso	ories (see p. 147)	
37100	PRESTO 904 S wall-mounted soap dispenser - G 3/8	3"
27604	DDECTO OOF C dook mounted soon dispenser C1	12

37601	PRESTO 905 S deck-mounted soap dispenser - G 1/2"
60562	Bin 5 - litre model
60358	Automatic hand-drier





- Flow rate of 3L/min in position 1. 4-position flow regulation.
- Patented self-cleaning device Constant timed flow: automatically stops after 15 seconds (+/- 5sec).
- Non-turnable knob. Anti-limescale flow straightener. Available in FROST-PROOF version.





PRESTO 504 1/2" single wall-mounted tap (a)





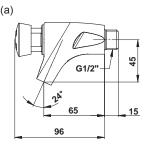




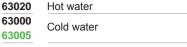


#### PRESTO 504 - 504 S® - PRESTO 504 Frost-proof - PRESTO 507











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PRESTO 504 1/2" single wall-mounted tap with finishing rose (b) 63002

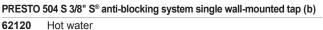
63001 Cold water **@**/||

PRESTO 504 S 1/2" S® anti-blocking system single wall-mounted tap Hot water

63120 63100 Cold water 63109







62100 Cold water PRESTO 504 3/8" single wall-mounted tap

62020 Hot water 62000 Cold water

Cold water

Availability in June 2015

150mm projection

150mm projection

PRESTO 504 frost-proof single wall-mounted tap

33902

PRESTO 507 - high flow single wall-mounted tap - 18 l/min

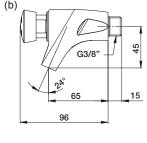
PRESTO 504 1/2" single wall-mounted tap

PRESTO 504 S 1/2" single wall-mounted tap

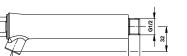
63200 Cold water

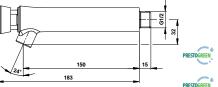






PRESTO 504 with 150 mm projection







63210

63220

63214

PRESTO 504 S 1/2" single wall-mounted tap 150mm projection - 2L/min flow rate

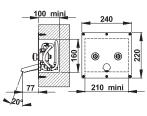
PRESTO 504 1/2" single wall-mounted tap 150mm projection - 2L/min flow rate

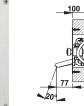
63222 PRESTO 504 S 1/2" single wall-mounted tap 150mm projection - 7 sec flow rate

63212 PRESTO 504 1/2" single wall-mounted tap 150mm projection - 7 sec timed flow









Dual-control with S® anti-blocking system

30212 Hot water - Cold water - Brushed stainless steel front plate



PRESTOGREEN, for even more water savings: references delivered with a 7 sec timed flow. The Prestogreen range includes many references.

For any demand on other references than those on the catalog, solutions exist, please contact your sales agent or servicedient@presto-group.com

#### COMPLEMENTARY PRODUCTS FOR PRESTO 504 - 504 S® - 507

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101	ı
7	ı
₹	ı

Wall-mou	unting finishing rose
40900	For G 3/8" male inlet
40901	For G 1/2" male inlet

Extensi	on
40915	M G 1/2" (15x21) - L= 100 mm
Plug fo	r wintering
90234	For 600 and 700 ranges

# WASHBASIN AREA / PRESTO® 700 RANGE



- Flow rate of 3L/min in position 1. 4-position flow regulation.
- Patented self-cleaning device constant timed flow: automatically stops after 15 seconds (+/- 5sec).
- Easy to use: multi-directional lever suitable for children, people with reduced mobility and the elderly.
- Mixer taps fitted with non-return valves and filter gaskets.
- Anti-limescale flow straightener







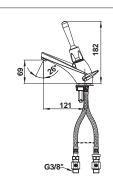










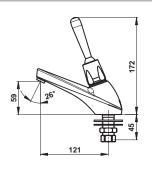


#### PRESTO 7000 deck-mounted mixer tap

68232 With PEX hoses and straight stop valves
With PEX hoses without stop valve

**PRESTO 705** 





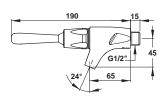
#### Single deck-mounted tap

64652 Hot or cold water - With 2 hot/cold indicators

**@**/|

#### PRESTO 704







#### Single wall-mounted tap

63910 Hot or cold water - With 2 hot/cold indicators

**☞**/I



Model with drain opening and control on request.



All our mixer taps are supplied with PEX hoses resistant to chlorine sanitization and thermal shock.
With PEX hoses delivered with non-return valves and filters



Straight	stop valve
29860	Straight stop valve
Angled	stop valve
29870	Angled stop valve
Plug for	wintering
90234	For 600 and 700 ranges

Accesso	ories (see p. 147)
37906	PRESTO 915 deck-mounted soap dispenser
37910	PRESTO 914 wall-mounted soap dispenser
60560	Hand-towel dispenser teel model with epoxy finish
60559	Hand-towel dispenser Brushed stainless steel model

### WASHBASIN AREA / PRESTO® 2000 RANGE



- Pre-set flow rate of 4L/min and 5 L/min according to the model. 5-position flow regulation from 4 to 18 L/min at 3 bars.
- Patented self-cleaning device Constant timed flow: automatically stops after 15 seconds (+/- 5sec).
- Flexible control: push-button suitable for children, the disabled and the elderly.
- 4 possible settings for the timed flow (P1: 20 s, P2: 17 s, P3: 13 s, P4: 9 s).
- Mixer taps fitted with non-return valves and filter gaskets.









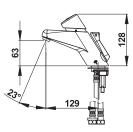




#### PRESTOMIX 2020 - Deck-mounted mixer tap







20500 20527

With PEX hoses and straight stop valves

20521 With PEX hoses without stop valve PRESTOMIX 2020 S® anti-blocking system

20501 20529

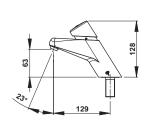
PRESTOMIX 2020

With PEX hoses and straight stop valves

20520 With PEX hoses without stop valve

#### PRESTOMIX 2000 Single - Deck-mounted tap





PRESTOMAT 2000 20002 20000

Hot water

Hot water

Cold water 20045

PRESTOMAT 2000 S® anti-blocking system

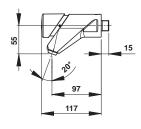
20003 20001

Cold water 20047

PRESTOMAT 2010 - Single wall-mounted tap









20102 Hot water 20100 Cold water 20142

PRESTOMAT 2010 S® anti-blocking system 20103 Hot water

20144

20101 Cold water



All our mixer taps are supplied with PEX hoses resistant to chlorine sanitization and thermal shock.

With PEX hoses delivered with non-return valves and filters



PRESTOGREEN, for even more water savings: references delivered with a 7 sec timed flow. The Prestogreen range includes many references.

For any demand on other references than those on the catalog, solutions exist, please contact your sales agent or <code>serviceclient@presto-group.com</code>

#### COMPLEMENTARY PRODUCTS



Straight stop valve

29860 Straight stop valve Angled stop valve

29870 Angled stop valve

Extension for PRESTOMAT 2010 and 2010 S 90236 M G 1/2" (15x21), L = 30 mm M G 1/2" (15x21), L = 90 mm 90465

Service key

90389 For PRESTOMAT - PRESTOMIX 2000/2010/2020

Accessories (see p. 147) Wall-mounted soap dispenser

60632 Bright polished stainless steel 800 ml

70632 Brushed stainless steel 1200 ml



15



- Patented self-cleaning device Constant timed flow: automatically stops after 15 seconds (+/- 5sec).
- One control to start the water flow and adjust the temperature.
- Start the flow by simply pressing the push-button.
- Fitted with a pre-set adjustable temperature limiter, NF non-return valves and filter gaskets.









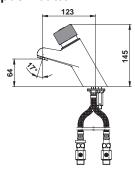






#### PRESTO 4000 S<sup>®</sup> with black push-button



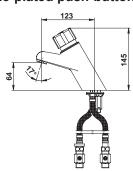


#### PRESTO 4000 S® Single control mixer tap

	1484 5514	
28442	With PEX hoses and straight stop valves	₩/
28440	With PEX hoses without stop valve	<b>ⅆ</b> P/I

### PRESTO 4000 S® with chrome-plated push-button





#### PRESTO 4000 S® Single control mixer tap



28610 With PEX hoses and straight stop valves 28619 With PEX hoses without stop valve





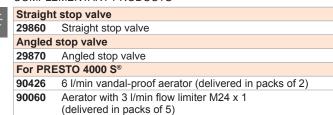
All our mixer taps are supplied with PEX hoses resistant to chlorine sanitization and thermal shock. With PEX delivered with non-return valves and filters.



**PRESTOGREEN** 

PRESTOGREEN, for even more water savings: references delivered with a 7 sec timed flow. The Prestogreen range includes many references.

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Access	ories (see p. 147)
37100	PRESTO 904 S wall-mounted soap dispenser - G 3/8"
37601	PRESTO 905 S deck-mounted soap dispenser G 1/2"
60359	Automatic hand-drier

# WASHBASIN AREA / PRESTO® 3500 RANGE





- Patented self-cleaning device Constant timed flow: automatically stops after 15 seconds (+/- 5sec).
- One control to start the water flow and adjust the temperature.
- Flow rate pre-set to 3L/min or 6L/min.
- Fitted with a pre-set adjustable temperature limiter, NF non-return valves and filter gaskets.
- Non-turnable knob. Adapted to basins used for washing dishes or clothes (camp sites, etc.)









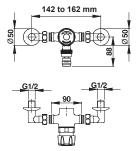






#### PRESTO 3500 with directional flow straightener

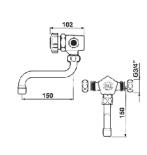




<b>PREST</b>	O 3500 with angled connectors	
35807	Chrome-plated knob	
35806	Black knob	
PREST	O 3500 tap only	
35943	Chrome-plated knob	<b>ø</b> /IB
35912	Black knob	<b>₽</b> /IR

#### PRESTO 3500 with swivelling spout and aerator





PREST	O 3500 with angled connectors	
35809	Chrome-plated knob	
35808	Black knob	
33000	DIGOR KITOD	
	O 3500 tap only	
		<b>₽</b> /I

#### COMPLEMENTARY PRODUCTS FOR PRESTO 3500



COM LEMENTALLI TROBUSTOT CITT REGTO GOOD		
Access	ories (see p. 147)	
60562	Bin - 5-litre model	
60563	Bin - 12-litre model	
60564	Bin - 28-litre model	
37906	PRESTO 915 deck-mounted soap dispenser	
37910	PRESTO 914 wall-mounted soap dispenser	
60559	Hand towel dispenser - Brushed stainless steel model	

Wall fix	ing plate
40910	Diameter 56 mm
Adjusta	able angled connector (sold individually)
06216	Hand towel dispenser Distance between axis 26 to 36 mm

### WASHBASIN AREA / KNEE AND FOOT CONTROL RANGES



- Slow shut-off to prevent water-hammering.
- Hands-free operation guarantees total hygiene.
- Wall- or floor-mounted.
- Foot-control pedal twice as resistant as an equivalent brass pedal.
- Visual contrast with light-colored floors for more safety.





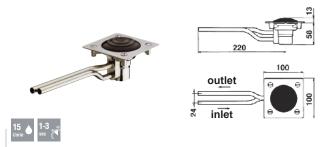






**@**/||

#### PRESTO Sol 509



#### PRESTO SOL 509 for floor-mounting

23100 8/10 mm inlet and outlet tubes

## PRESTO 520 (wall or floor mounting)

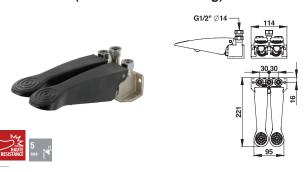




#### PRESTO SOL 520 single pedal

23614 Cold water or premixed water90524 Extension for PRESTO SOL 520 and 530

#### PRESTO 530 (wall or floor mounting)



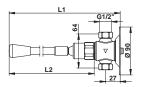


#### PRESTO 530 dual pedal

23644 Cold water and Hot water Extension for PRESTO SOL 520 and 530

#### PRESTO 712







#### PRESTO 712 Knee-operated tap

31683	L1 = 390 mm - L2 = 340 mm	<b>☞</b> /
31919	L1 = 490 mm - L2 = 440 mm	
31646	L1 = 560 mm - L2 = 510 mm	



60562	Bin - 5-litre model
60355	Peg with 1 hook

37601	PRESTO 905 S deck-mounted soap dispenser - G 1/2"
60358	Automatic hand-drier





- PRESTO laminar flow straightener guaranteeing the flow of water is air-free .
- According to the model, smooth interior surface with no water retention avoiding stagnant water where bacteria can multiply.
- According to the model, 6l/min flow limiter.

(a)

• Reinforced attachment or cross-partition mounting.

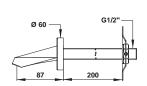






#### Short spout -





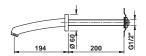
# Short spout (without water retention) with finishing rose and flow straightener

AAICII IIII	ishing rose and now straightener
30901	For partition thickness 1 à 200 mm (a)
30906	For partition thickness 200 à 300 mm
30903	Female inlet 1/2"
30900	Arrivée mâle 1/2"

#### Long spout

(b)





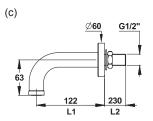
#### Long spout (without water retention)

#### with finishing rose and vandal-proof flow straightener

	•	•	•
30616	For partition thickness	1 à 200 mm (b)	
30625	For partition thickness	200 à 300 mm	
30620	Female inlet 1/2"		
30621	Arrivée mâle 1/2"		

#### Tube spout Ø26 mm



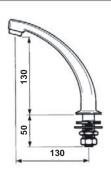


#### Tube spout with aerator and finishing rose

30313	LengthL1 = 120 mm
	Threaded length L2 = 230 mm
30311	Length L1 = 120 mm
	Threaded length L2 = 50 mm (c)
30317	Length L1 = 200 mm
	Threaded length L2 = 230 mm
30315	Length L1 = 200 mm
	Threaded length L2 = 50 mm

#### **Deck-mounted spout**





#### Spout with 6 I/min aerator and finishing rose - 1/2" male inlet

opout "	till o minim dorator and minoring root in 2 maio mot	
30302	Fixed spout	
30202	Swivel spout 120°	



- Stops automatically after 6 sec. or at any time by touching the button again.
- Precise timer programmable by the manager.
- Anti-tapping and anti-overflow system. Pre-set temperature limiter.
- Programmable automatic rinsing. Non-return valves and filter gaskets. Flow regulator.
- Easy to operate and colours suitable for people with reduced mobility, the visually impaired and small children.













#### **Deck-mounted mixer tap**







With chrome-plated cover - With integrated 6V CRP2 lithium battery

56656

With PEX hoses and straight stop valves

56602

With PEX hoses without stop valve

With chrome-plated cover - 230 power supply V AC/7 V DC IP65 56605

With PEX hoses and straight stop valves 56604

With PEX hoses without stop valve

#### Single deck-mounted tap





#### With chrome-plated cover - With integrated 6V CRP2 lithium battery

56633 56654

With PEX hoses and straight stop valve

56632

With PEX hoses without stop valve

With chrome-plated cover - 230 V power supply AC/7 V DC IP65

56635 With PEX hoses and straight stop valve

With PEX hoses without stop valve 56634



Battery life for all PRESTO washbasin sensor taps: 3 years for 125,000 cycles/year (40 cycles/hour for 8 hours each day).











PRESTOGREEN, for even more water savings: references delivered with a 2L/min flow rate at 3 bars.

The Prestogreen range includes many references. For any demand on other references than those on the catalog, solutions exist, please contact your sales agent or serviceclient@presto-group.com



#### **SPECIFIC COLOUR (Not in catalogue) CUSTOMIZE YOUR TOUCH!**



Both single and mixer TOUCH taps can be customized with the color of your choice or your company's logo.

For further information and inquiries please contact serviceclient@presto-group.com

#### COMPLEMENTARY PRODUCTS



Straight stop valve		
29860	Straight stop valve	
Angled stop valve		
29870	Angled stop valve	

#### Accessories (see p. 147)

60632 Wall-mounted soap dispenser bright polished stainless steel 800 ml 70632 Wall-mounted soap dispenser brushed stainless steel 1200 ml 60559 Hand towel dispenser stainless steel model

# WASHBASIN AREA / NEW TOUCH RANGE



- Stops automatically after 6 sec. or at any time by touching the button again.
- Precise timer programmable by the manager.
- Anti-tapping and anti-overflow system. Pre-set temperature limiter.
- Programmable automatic rinsing. Non-return valves and filter gaskets. Flow regulator.
- Easy to operate and colours suitable for people with reduced mobility, the visually impaired and small children.





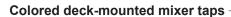














White with	6V (	CRP2	lithium	battery
------------	------	------	---------	---------

56611 With PEX hoses and straight stop valves
With PEX hoses without stop valve

White with 230 V power supply AC/7 V DC IP65

56613 With PEX hoses and straight stop valves
56612 With PEX hoses without stop valve

Light red with 6V CRP2 lithium battery

56623 With PEX hoses and straight stop valves56622 With PEX hoses without stop valve

Light red with 230 V power supply AC/7 V DC IP65

56625 With PEX hoses and straight stop valves
With PEX hoses without stop valve

Sunflower with 6V CRP2 lithium battery

56615 With PEX hoses and straight stop valves
With PEX hoses without stop valve

Sunflower with 230 V power supply AC/7 V DC IP65

56617 With PEX hoses and straight stop valves
56616 With PEX hoses without stop valve

#### Green with 6V CRP2 lithium battery

56619 With PEX hoses and straight stop valves56618 With PEX hoses without stop valve

Green with 230 V power supply AC/7 V DC IP65

56620 With PEX hoses and straight stop valves
With PEX hoses without stop valve

#### Matt black with 6V CRP2 lithium battery

56607 With PEX hoses and straight stop valves56606 With PEX hoses without stop valve

#### Matt black with 230 V power supply AC/7 V DC IP65

56609 With PEX hoses and straight stop valves
With PEX hoses without stop valve



00	EITH IITH TROBUSTO
TOUCH	cover only (with fastening screws)
90993	Chrome-plated Touch cover
90988	Black Touch cover
90989	White Touch cover

90990	Sunflower Touch cover
90991	Green Touch cover
90992	Light red Touch cover









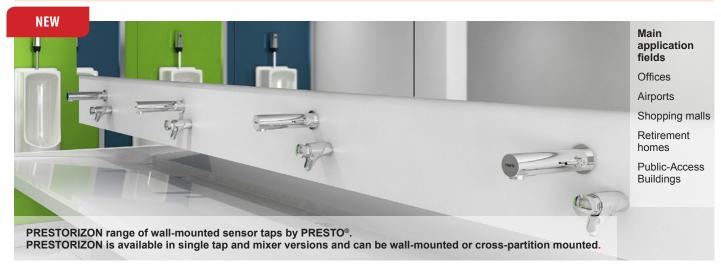






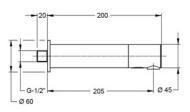


- Water savings: automatically stops when the hands are removed.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Automatic 45 sec. duty flush every 24 hours after last use.
- Easy maintenance: 2 concealed screws to unscrew the pipe and access the maintenance parts.
- Fitted with non-return valves, an anti-limescale aerator and filter gaskets.



#### Wall-mounted sensor tap for washbasin with built-in battery and solenoid valve



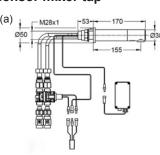


Built-in 9V lithium battery power supply

52041 Built-in electronics (solenoid valve, battery)

#### Cross-partition wall-mounted sensor mixer tap





2 remote solenoid valves.

#### 9V lithium battery power supply

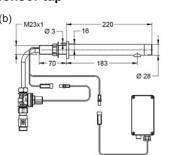
52038 With PEX hoses and straight stop valves (a)

#### 230 V AC/ 9 VDC power supply

52037 With PEX hoses and straight stop valves

#### **Cross-partition wall-mounted sensor tap**





Remote solenoid valve.

#### 9V lithium battery power supply

52040 With PEX hoses and straight stop valve (b)

#### 230 V AC/ 9 VDC power supply

52039 With PEX hoses and straight stop valve

#### COMPLEMENTARY PRODUCTS



#### Accessories (see p. 147)

90094 Cross-partition 200mm extension for the Prestorizon range - Availability: April 2015

#### Wall-mounted soap dispenser

60632 Bright polished stainless steel 800 ml Brushed stainless steel 1200 ml 70632

#### Hand-towel dispenser

60560 Steel model with epoxy finish 60559 Brushed stainless steel model

11/
- 0-



Battery life for all PRESTO washbasin sensor taps: 3 years for 125,000 cycles/year (40 cycles/hour for 8 hours each day).





- Interchangeable with a standard tap.
- Automatically stops when the hands are removed. Programmable duty flush.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Fitted with non-return valves, an anti-limescale aerator and filter gaskets.
- Pre-set adjustable maximum temperature limiter (6 positions).







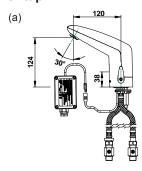






#### VOLTA® deck mounted mixer tap





#### With integrated 6V CRP2 lithium battery

55160

With PEX hoses and straight stop valves

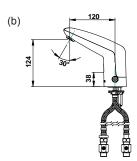
55252 With PEX hoses without stop valve

230 V power supply AC/7 VDC IP65 (a)

With PEX hoses and straight stop valvesWith PEX hoses without stop valve

#### VOLTA® deck mounted mixer tap without lever





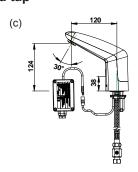
#### With integrated 6V CRP2 lithium battery (b)

230 V power supply AC/7 VDC IP65		
55218	With PEX hoses without stop valve	
55163	With PEX hoses and straight stop valves	

55151 With PEX hoses and straight stop valves55213 With PEX hoses without stop valve

#### Volta single deck mounted tap





# PRESTOGREEN

#### With integrated 6V CRP2 lithium battery

				,
55060	With PEX hose	e and etr	night sto	n valvos
55251	WILL LEV 11026	s and suc	aigi it Sto	p vaives

55083 With PEX hoses without stop valve

230 V power supply AC/7 VDC IP65 (c)

55050 With PEX hoses and straight stop valves
55081 With PEX hoses without stop valve



PRESTOGREEN, for even more water savings: references delivered with a 2L/min flow rate at 3 bars. The Prestogreen range includes many references.

For any demand on other references than those on the catalog, solutions exist, please contact your sales agent or serviceclient@presto-group.com



Battery life for all PRESTO washbasin sensor taps: 3 years for 125,000 cycles/year (40 cycle/hour for 8 hours each day).



See also models with regular automatic rinse on p. 159

### COMPLEMENTARY PRODUCTS



Straight stop valve
29860 Straight stop valve
Angled stop valve
29870 Angled stop valve

#### Accessories (see p. 147)

Hand-towel dispenser

60560 Steel model with epoxy finish 60559 Brushed stainless steel model

Extension

90480 Electrical extension 1 m90979 Electrical extension 3m



- Automatically stops when the hands are removed.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Fitted with non-return valves, an anti-limescale aerator and filter gaskets.
- Pre-set adjustable maximum temperature limiter (6 positions).









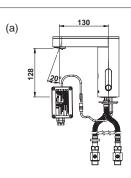






#### **Deck-mounted mixer tap**





#### With chrome-plated cover - With 6V CRP2 lithium battery

56200 With PEX hoses and straight stop valves56204 With PEX hoses without stop valve

#### With chrome-plated cover - 230 V power supply AC/7 V DC IP65 (a)

56210 With PEX hoses and straight stop valves56214 With PEX hoses without stop valve

With black cover - With 6V CRP2 lithium battery

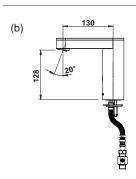
56206 With PEX hoses and straight stop valves

With white cover - With 6V CRP2 lithium battery

56208 With PEX hoses and straight stop valves

#### Single deck-mounted tap





#### With chrome-plated cover - With 6V CRP2 lithium battery (b)

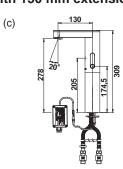
56220 With PEX hoses and straight stop valves56224 With PEX hoses without stop valve

#### With chrome-plated cover - 230 V power supply AC/7 V DC IP65

56230 With PEX hoses and straight stop valves56234 With PEX hoses without stop valve

#### Deck-mounted mixer tap with 150 mm extension





#### With chrome-plated cover - With 6V CRP2 lithium battery

56201 With PEX hoses and straight stop valves56205 With PEX hoses without stop valve

#### With chrome-plated cover - 230 V power supply AC/7 V DC IP65 (c)

56211 With PEX hoses and straight stop valves

With PEX hoses without stop valve

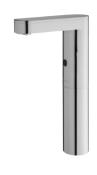
With black cover and extension - With 6V CRP2 lithium battery

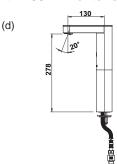
56207 With PEX hoses and straight stop valves

With white cover and extension - With 6V CRP2 lithium battery

**56209** With PEX hoses and straight stop valves

#### Single deck-mounted tap with 150 mm extension





#### With chrome-plated cover - With 6V CRP2 lithium battery

56221 With PEX hoses - straight stop valves (d)56225 With PEX hoses without stop valve

#### With chrome-plated cover - 230 V power supply AC/7 VDC IP65

56231 With PEX hoses - straight stop valves56235 With PEX hoses without stop valve



The covers of SO'O® single and mixer taps can be personalised on request with your company's logo or even with a text of your choice. For further information or requests for quotes: serviceclient@presto-group.com

#### COMPLEMENTARY PRODUCTS



Straight stop valve	
29860	Straight stop valve
Angled stop valve	
29870	Angled stop valve

#### SO'O® cover only (with fastening screws)

90994 Chrome-plated SO'O® cover 90986 Black SO'O® cover

90987 White SO'O® cover







- Automatically stops when the hands are removed.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Fitted with non-return valves, an anti-limescale aerator and filter gaskets.
- Pre-set adjustable maximum temperature limiter (6 positions).

















With black cover - With 6V CRP2 lithium battery

With PEX hoses and straight stop valves

With black cover and extension - With 6V CRP2 lithium battery

6207 With PEX hoses and straight stop valves

With white cover - With 6V CRP2 lithium battery

56208 With PEX hoses and straight stop valves

With white cover and extension - With 6V CRP2 lithium battery

56209 With PEX hoses and straight stop valves



The covers of SO'O® single and mixer taps can be personalised on request with your company's logo or even with a text of your choice.

For further information or requests for quotes: serviceclient@presto-group.com



- Automatically stops when the hands are removed (excluding START/STOP models)
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Duty flush Automatic 30-second rinse every 72 hours after the last use.
- Fitted with non-return valves, an anti-limescale aerator and filter gaskets.
- Pre-set adjustable maximum temperature limiter (6 positions).







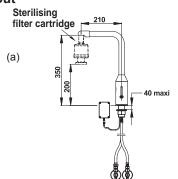












#### With integrated 6V CRP2 lithium battery

55132 With PEX hoses and swivel spout (a) 55133 With PEX hoses and fixed spout

#### With 230 V AC/7 VDC IP65 transformer

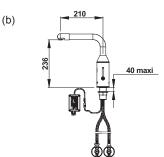
55137 With PEX hoses and swivel spout 55138 With PEX hoses and fixed spout



High spout enables use with sterilising filter cartridges. Suitable for hospital hand-washing protocols.

#### Mixer tap with standard spout





#### With integrated 6V CRP2 lithium battery

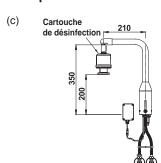
55130 With PEX hoses and swivel spout (a) 55131 With PEX hoses and fixed spout

#### With 230 V AC/7 VDC IP65 transformer

55135 With PEX hoses and swivel spout 55136 With PEX hoses and fixed spout

#### Start/stop mixer tap - Fixed spout





#### With integrated 6V CRP2 lithium battery

With PEX hoses (c) 55134

With 230 V AC/7 VDC IP65 transformer (c)

With PEX hoses

#### Presto 5750 range

- For better resistance, body and spout are interdependent.
- -References with swivel spout: rotation of the whole body and spout, and not only of the spout.



High spout enables use with sterilising filter cartridges. Suitable for hospital hand-washing protocols.



Battery life for all PRESTO washbasin sensor taps: 3 years for 125,000 cycles/year (40 cycles/hour for 8 hours each day).



- Mixer with Start/Stop function activated by detection of the hand on the left side of the tap.
- High spout for use with disinfection filter cartridge.
- Side lever mixing system.
- PEX hoses resistant to high chlorine sanitization.

- Activated by presenting the hand on the left side of the tap. (Distance = 5 to 10 cm)
- Shut-off by new hand detection or after security time of 30 seconds.
- Automatic rinsing every 72 hours after the last use (30-second flow for legionella eradication).



r NESTO Health ergonomic washbasin		
60001	Fixed consoles, fixed plug and offset siphor	
60002	Inclinable consoles, offset plug and siphon	





- Automatically stops when the hands are removed.
- Optimum detection whatever position the hands are in.
- Anti-blocking system preventing continuous flow for more than 30 seconds. Anti-limescale aerator.
- Programmable duty flush Automatic 30 seconds rinse every 72 hours after the last use.











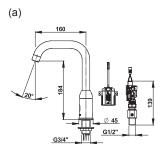






Single deck-mounted tap - SENSAO® 6000





55451 With 6V CRP2 lithium battery

in IP 65 remote waterproof case (a)

55450 With 230 V AC/7 VDC IP65 transformer



See also the wall-mounted model for cross-partition on page 133.

#### COMPLEMENTARY PRODUCTS



Washbasin rail 60465 Ø 34 mm vertical rail

**60527** Tilting mirror

### SENSAO® 6400 T RANGE



- Automatically stops when the hands are removed.
- Optimum detection whatever position the hands are in.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Fitted with non-return valves, an anti-limescale aerator and filter gaskets.
- Adjustable maximum temperature limiter.
- Thermostat unit with anti-scalding safety mechanism: flow is immediately stopped if the cold water supply is cut off.









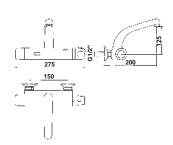






Mixer tap Presto 6400 T





52354 With integrated 9V lithium battery

#### COMPLEMENTARY PRODUCTS



Accessories (see p. 147)
60357 Wall-mounted shelf
60358 Automatic hand-drier



- Automatically stops when the hands are removed.
- Optimum detection whatever position the hands are in. Programmable duty flush.
- Anti-blocking system preventing continuous flow for more than 30 seconds.













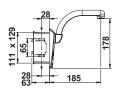




#### Single tap, concealed mounting







#### STANDARD SPOUT

Concealed SENSAO® 5300 with integrated 6V lithium battery

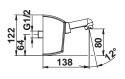
55240 Ivory white finish 55250 Satin grey finish

Concealed SENSAO® 5100 power supply by 12V AC transformer, (not supplied)

55200 Ivory white finish
55210 Satin grey finish

#### Single tap, exposed mounting







#### STANDARD SPOUT

Exposed SENSAO® 5200 with integrated 6V battery

55220 Ivory white finish55230 Satin grey finish

#### **SHORT SPOUT**

Exposed SENSAO® 5200 with integrated 6V battery

55221 Ivory white finish55231 Satin grey finish



See also models with high spouts on page p. 191.



Battery life for all PRESTO washbasin sensor taps: 3 years for 125,000 cycles/year (40 CYCLes/hour for 8 hours each day).



Options	8	
90705	Short spout Ivory white finish	
90706	Short spout Satin grey finish	
90666	Chrome-plated long spout	
230V A	230V AC/ 12V AC transformer for DIN rail	
90464	For 1 to 3 taps (18 VA)	
90711	For 4 to 6 taps (35 VA)	
90610	For 7 to 10 taps (75 VA)	

230V AC/ 12V AC transformer in IP65 waterproof case		
90685	For 1 to 3 taps (18 VA)	
90704	For 4 to 6 taps (35 VA)	
90686	For 7 to 10 taps (75 VA)	





- · Does not require a weight-bearing wall.
- Control adapted to all types of user: children, the elderly, people with reduced mobility.
- Easy cleaning of the suspended basin.
- Distortion resistant thanks to the reinforced metal structure.
- · Height adjustable legs.









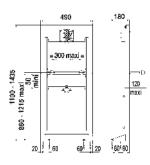






#### Mounting frame for battery powered SENSAO®





# Operated with integrated 6V lithium battery 18554 Pre-fitted frame without front plate Front plate with high spout

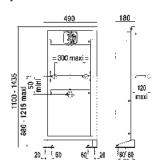
55338 Ivory white finish
55340 Satin grey finish

Front plate with standard spout

55334 Ivory white finish55336 Satin grey finish

#### Mounting frame with mains powered SENSAO®





#### Power supplied by 12V AC transformer, not supplied

8556 Pre-fitted frame without front plate

Front plate with high spout

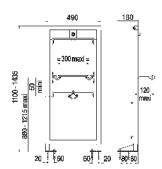
55339 Ivory white finish55341 Satin grey finish

Front plate with standard spout

55335 Ivory white finish55337 Satin grey finish

#### Mounting frame for self-closing taps





18558 Mounting frame for self-closing taps
Unequipped mounting frame for self-closing taps



Maximum distance frame/front plate: 35 mm.



Options	3	
90705	Short spout, ivory white finish	
90706	Short spout, satin grey finish	
The "es	The "essentials"	
230V A	230V AC/ 12V AC transformer for DIN rail	
90464	For 1 to 3 taps (18 VA)	
90711	For 4 to 6 taps (35 VA)	
90610	For 7 to 10 taps (75 VA)	

230V AC/ 12V AC transformer in IP65 waterproof case		
90685	For 1 to 3 taps(18 VA)	
90704	For 4 to 6 taps(35 VA)	
90686	For 7 to 10 tans (75 VA)	

# WASHBASIN AREA / CROSS-PARTITION CONTROL RANGE



- Flow pre-set to 6 L/min.
- Non-turnable, non-removable push-button.
- Mechanism behind partition inaccessible to users
- Vandal-proof equipment completely built into the partition.
- Non-removable, wear-proof h/c marker.









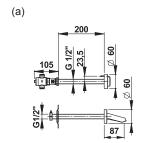




#### Ready-to-install washbasin kit







#### Cross-partition kit with short spout (87 mm)

31660 For partition thickness 1 to 200 mm (a)
31661 For partition thickness 200 to 300 mm

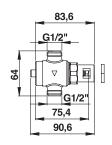
#### Cross-partition kit with long spout (194 mm)

31670 For partition thickness 1 to 200 mm

For partition thickness 200 to 300 mm

#### Make your own kit





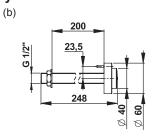
#### TAP ONLY

PRESTO 512 S single tap® anti-blocking system

31100 Raw finish

**Cross-partition control only** 





#### Cross-partition control only - Cold water

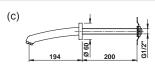
18725 For partition thickness 1 to 200 mm (b)
For partition thickness 200 to 300 mm

#### Cross-partition control only - Hot water

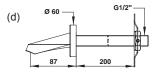
**18730** For partition thickness 1 to 200 mm **18731** For partition thickness 200 to 300 mm

#### **Cross partition spout**

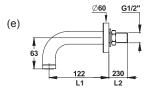












# Long spout (without water retention) with finishing rose and flow straightener

30616 For partition thickness 1 to 200 mm (c) 30625 For partition thickness 200 to 300 mm

# Short spout (without water retention) with finishing rose and flow straightener

30901 For partition thickness 1 to 200 mm (d) 30906 For partition thickness 200 to 300 mm

#### Tube spout Ø26 mm with 6l/min aerator and finishing rose (e)

 30313
 Length L1 = 120 mm - Threaded length L2 = 230 mm

 Length L1 = 200 mm - Threaded length L2 = 230 mm

### **WASHBASIN** AREA / MODULAR DETECTION RANGE





- Automatically stops after an adjustable period of 1 to 30 sec.
- Anti-blocking system preventing continuous flow for more than 1 to 7 minutes (adjustable).
- Service duct installation.
- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.











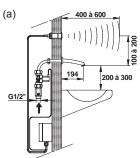






#### Ready-to-install washbasin kit







#### 230 Volt / 12Volt - 6VA transformer included.

Extra-flat sensor and long spout - (ref 30621)

52469 For partition thickness 1 à 10 mm

Extra-flat sensor and long spout - (ref 30616)

52470 For partition thickness 10 à 50 mm (a)

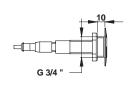
For partition thickness 50 à 200 mm 52471

#### Sensor only



(b)







#### 230 Volt / 12Volt - 6VA transformer included.

#### Extra flat sensor, rear dismantling (b)

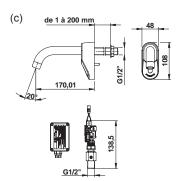
52460 For partition thickness 1 à 10 mm 52461 For partition thickness 10 à 50 mm For partition thickness 50 à 200 mm 52462

Sensor, front dismantling

52400 For partition thickness 1 à 200 mm

#### Single wall-mounted tap for service duct





#### SENSAO® 6100

55461 With 6V CRP2 lithium battery in IP 65 remote case

55460 With 230V AC/7V DC IP65 transformer

for partition thickness 1 to 200 mm(c)



Battery life for all PRESTO washbasin sensor taps: 3 years for 125,000 cycles/year (40 cycles/hour for 8 hours each day).

#### COMPLEMENTARY PRODUCTS



Short spout (without water retention) with finishing rose and flow straightener

30901 For partition thickness 1 to 200 mm 30906 For partition thickness 200 to 300 mm

90296 Detection cell and wall plate	
90455	Solenoid valve
90295	Control circuit

## WASHBASIN AREA / THERMOSTATIC REGULATOR RANGE



- Ensures the water is delivered at a precise, constant temperature. Regulates variations.
- Flow is immediately stopped if the cold water is cut off. With removable or internal temperature limiter, depending on model.
- Distribution of mixed water for 2 to 6 sanitary outlets (depending on the flow rate). Suitable for washbasin, bidet or shower.
- NF non-return valves and filter gaskets.





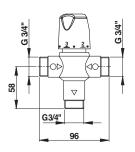






#### Safety thermostatic mixing valve





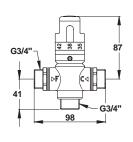
Thermostatic mixing valve with internal temperature limiter

29002 From 30 to 65°C

Flow rate: 57 I/min at 3 bar

#### Safety thermostatic mixing valve





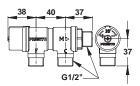
Thermostatic regulator with 38°C temperature limiter, can be de-activated by the user.

29003 From 20 to 50°C

Flow rate: 30 l/min at 3 bar

20 to 50°C safety thermostatic mixing valve





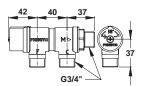
Thermostatic mixing valve with internal temperature limiter

**29006** 1/2" inlet and outlet

Flow rate: 43 l/min at 3 bar

#### 20 to 50°C safety thermostatic mixing valve





Thermostatic mixing valve with internal temperature limiter

**29007** 3/4" inlet and outlet

Flow rate: 47 I/min at 3 bar

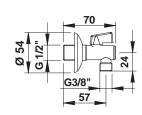
# WASHBASIN AREA / STOP VALVE - SIPHON RANGE

(a)



#### Stop valves





MM G1/2" straight stop valve (15x21)

29840 With flat filter gasket

MM G3/8" straight stop valve (12x17)

With flat filter gasket

Angled stop valve with filter

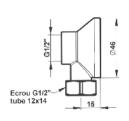
M G 1/2" (15x21) / M G 3/8" (12x17) (a) 29870

1/2" Angled stop valve with filter

MM 1/2" With finishing rose

#### Wall-mounted connector



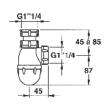


MF G 1/2" (15x21) female connector

40020 With 1/2" nut for 12x14 mm copper pipe

#### Siphon



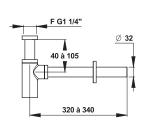


#### ABS siphon G 1"1/4 for tube diameter 32 mm

Plunger tube adjustable over 40 mm and removable bottom

#### Chrome-plated brass siphon with telescopic tube

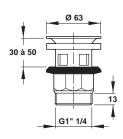




39002 Integral cleaning by removable base

#### ABS hygienic basin drain



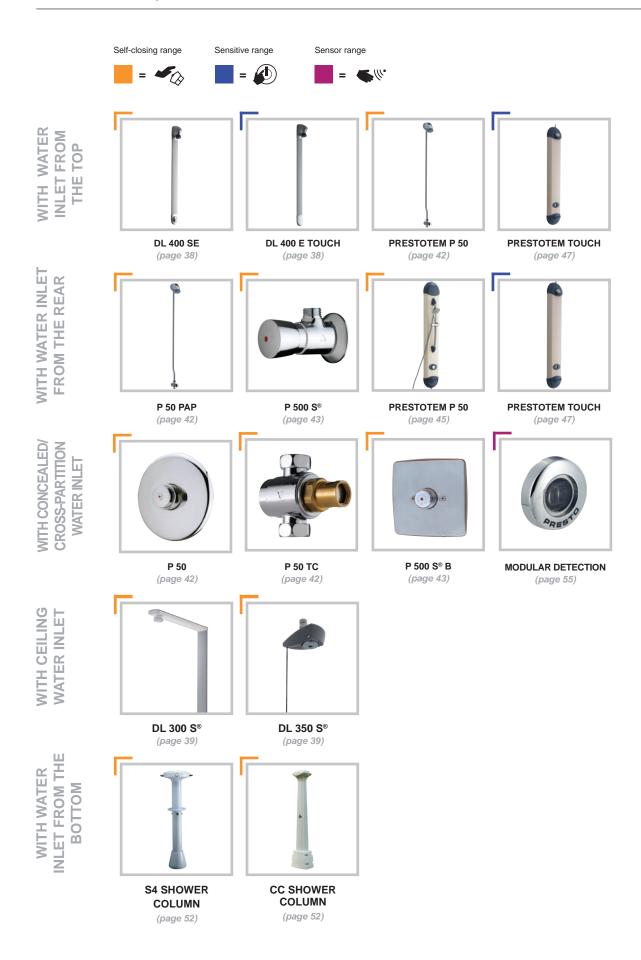


With concave strainer, diameter 33x42

ABS Hygienic basin outlet

# SHOWER **SELF CLOSING SHOWER TAP** 38 DL 300 / DL 300 S<sup>®</sup> ALPA<sup>®</sup> / ALPA<sup>®</sup> S<sup>®</sup> PRESTO 50 PRESTO 500 S® DL 800 S® PRESTOTEM® SERIE 1 AND 4 PRESTOTEM® SERIE 2 SENSITIVE SHOWER TAP 38 & 47 **SENSOR SHOWER TAP** 51 **SHOWER TAP** 48 PRESTOTEM® SERIE 3 AND 7 PRESTOTEM® SERIE 10 **OUTDOOR SHOWER TAP 52** PRESTO S4/CC PRESTO CP **CROSS-PARTITION CONTROL FOR SHOWER** 54 **MODULAR DETECTION FOR SHOWER** 55 **ACCESSORIES** 56 CONNECTORS FLOOR DRAINS







WITH WATER IN-**LET FROM** THE TOP

INLET FROM THE WITH WATER REAR

WITH CONCEALED/ **CROSS-PARTITION WATER INLET** 

COMPLEMENTARY **PRODUCTS** 



DL 800 S® (page 44)



PRESTOTEM P50 THERMOSTATIC TAP (page 45)



PRESTOTEM ALPA® (page 46)

PRESTOTEM ALPA

(page 46)



PRESTOTEM TOUCH THERMOSTATIC TAP



NON SELF-CLOSING PRESTOTERM



PRESTOTEM TOUCH THERMOSTATIC (page 47)



P9400 T (page 51)



(page 44)





**ALPA**® (page 41)

SHOWER HEADS

(page 56)



**FOOT BATH** (page 51)



ANTI-STAGNATION CONNECTORS (page 57)



**FLOOR DRAINS** (page 58)



THERMOSTATIC MIXING **VALVES** (page 64)



SAFETY THERMOSTATIC MIXING VALVES (page 68)

#### **EXAMPLE OF THE ALPA® RANGE**

ONE MODEL, VERSIONS SEVERAL



TAP ONLY, EXPOSED MOUNTING (page 40)



TAP ONLY, MOUNTED ON THIN PARTITIONS (page 40)



READY-TO-INSTALL, EXPOSED MOUNTING (page 40)



TAP ONLY, CONCEALED MOUNTING (page 41)



READY-TO-INSTALL ON PRESTOTERM PANEL (page 46)



- Automatically stops after 30 sec (-10/+5 sec).
- Constant flow and jet giving a gentle rain as compared to systems with nozzles.
- Directional shower head with anti-limescale spikes. Withstands temperatures up to 75°C.
- Available in anti legionella version.









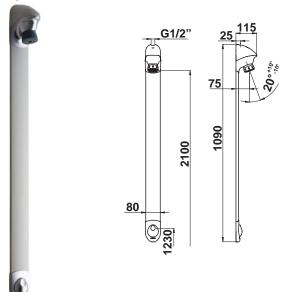
















#### **Anti Legionella Version**

«Anti legionella» versions require a mandatory control unit (see p. 68 à 76).

# SHOWER AREA / DL 400 E TOUCH®



- E Touch® version: Water flow started by lightly touching the button Touch® again to stop the water flow.
- Automatically stops after 30 sec
- Programmable timer and rinsing
- Constant flow and jet giving a gentle rain as compared to systems with nozzles.
- Directional shower head with anti-limescale spikes. Withstands temperatures up to 75°C.









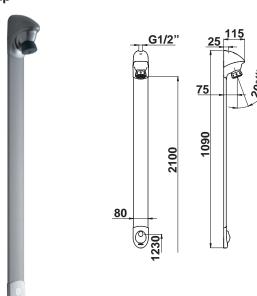








#### Single Tap



#### With straight stop valve

27432 Satin grey finish

With angled stop valve
27434 Satin grey finish

Without stop valve 27435 Satin grey finish



#### TOUCH PROGRAMME

3 settings can be programmed during the 15 seconds after the power is switched on:

- The security time, corresponding to the hand-washing time (in 1-second intervals) adjustable from 1 second to 5 minutes.
- The mandatory rinsing frequency (in 24-hour intervals), pre-set with no mandatory rinsing adjustable from 0 to 30 days.
- The mandatory rinsing duration (in 15 second intervals), set to 30 seconds by default – adjustable from 15 seconds to 2 minutes.

Settings are adjusted by pressing the button a certain number of times, to which the tap

#### **COMPLEMENTARY PRODUCTS**



60476 Floor drain Compensator plate

27428 (8mm) for installing the DL 400 SE



- Automatically stops after 30 sec (-10/+5 sec).
- Constant flow and jet giving a gentle rain as compared to systems with nozzles.
- Patented anti-blocking S® system avoiding the water flowing continuously.
- Directional shower head with anti-limescale spikes.











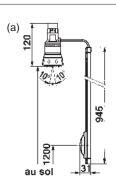


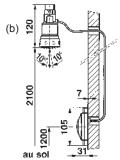














7110 Satin grey finish

Concealed or cross-partition DL300 S® (b)

OPTION FOR PRESTO DL 300 S®



#### FOR PRESTO DL 300 S<sup>®</sup> Upper cover

27115 For exposed DL 300 S®

(length of 20,5 to 63 cm)

27116 For concealed DL 300 S®

# SHOWER AREA / DL 350 S®



- Automatically stops after 30 sec (-10/+5 sec).
- Constant flow and jet giving a gentle rain as compared to systems with nozzles.
- Patented anti-blocking S® system avoiding the water flowing continuously.
- Directional shower head with anti-limescale spikes.







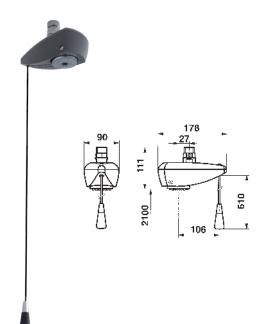








#### Single tap



#### Ready-to-install DL 350 S® with pull control

27200 Satin grey finish

COMPI	LEMENTARY PRODUCTS
60475	Floor drain - Side outlet
60478	Floor drain - Straight outlet
60355	Brushed stainless steel peg



**@**/||



- Automatically stops after 30 sec (-10/+5 sec).
- Models with patented anti-blocking S system avoiding the water flowing continuously.
- Wide temperature range: 180° rotation with h/c markers.
- Fitted with a pre-set adjustable temperature limiter.













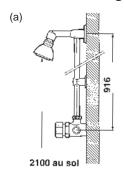


**₽/IB** 

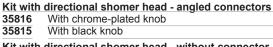
**☞**/IB

#### Ready-to-install kit - 47/IB PRESTO ALPA® single control mixer









Kit with directional shomer head - without connector 35927 With chrome-plated knob 35901 With black knob (a)

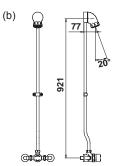
Kit with fixed shomer head and angled connectors 35812 With chrome-plated knob 35813 With black knob

Kit with fixed shomer head - without connector

35928 With chrome-plated knob 35921 With black knob

#### Ready-to-install kit - PRESTO ALPA S® single control mixer





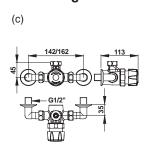
Kit with fixed shomer head and angled connectors With chrome-plated knob (b)

Kit with fixed shomer head - without connector

35170 With chrome-plated knob

PRESTO ALPA® / ALPA S® Anti-blocking





PRESTO ALPA® single control mixer - with angled connectors 35814 With chrome-plated knob (c) 35013 With black knob

PRESTO ALPA® single control mixer - without connector With chrome-plated knob

35925 35011 With black knob PRESTO ALPA S<sup>®</sup> single control mixer anti-blocking

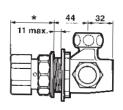
With angled connectors 35168 With chrome-plated knob

PRESTO ALPA S® single control mixer anti-blocking Without connector

35166 With chrome-plated knob

#### PRESTO ALPA® / ALPA S® Anti-blocking - panel





\* 57 mm chrome-plate knob

PRESTO ALPA® single control mixer - panel

Panel for mounting on thin partition

35936 With chrome-plated knob With black knob

PRESTO ALPA S® Anti-blocking single control mixer - panel Panel for mounting on thin partition

With chrome-plated knob allongé

COMPLEMENTARY PRODUCTS







Wall fixing plate (a)

40910



- Automatically stops after 30 sec (-10 / +5 sec).
- Models with patented anti-blocking S system avoiding the water flowing continuously.
- Wide temperature range: 180° rotation with h/c markers.
- Fitted with a pre-set adjustable temperature limiter.















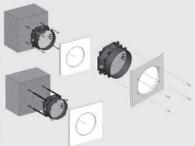




#### All types of installation

Box for installation on load-bearing walls, dry partitions from the front or the back, or concealed.





#### Totally waterproof - safe installation



The box ensures complete waterproofness towards the wall.

A watertight film guarantees additional protection of the partition.

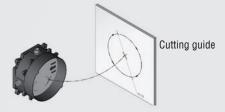
The box is fitted with a system to drain away water in case of condensation.



#### Saves time during installation

The box is designed to facilitate installation in all circumstances. Support for level



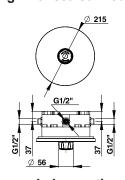


Mesh for better adhesion: Honeycomb mesh on rear to improve adhesion if the box is cemented.



#### PRESTO ALPA S® anti-blocking - Concealed mounting in waterproof box

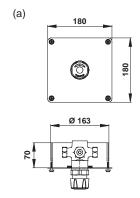




35190 Alpa N concealed mounting, waterproof box 35192 Alpa S<sup>®</sup> concealed mounting, waterproof box

#### ALPA PRESTO mixer tap – Concealed mounting





#### For mounting on thin partitions

35941 Chrome-plated knob (a)
35945 Black knob

#### COMPLEMENTARY PRODUCTS



Thermostatic mixing valve 84008 Prestotherm® 134 L Other models p. 62



- Automatically stops after 30 sec (-10/+5 sec).
- Constant and precisely timed flow by patented system.
- Withstands temperatures up to 75°C. High resistance to corrosion and limescale
- Exposed, surface or concealed installation adapted to all types of premises.







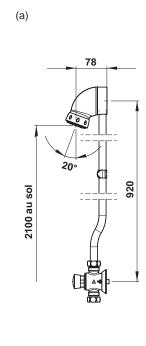






#### PRESTO 50 Single tap – Ready-to-install





#### Single wall-mounted tap with bottom water inlet



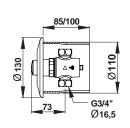


38921

With fixed shower head and anti-scale spikes (a) With directional shower head and fastening arm

#### PRESTO 50 B concealed single tap



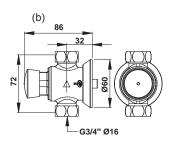


#### Single tap with vandal-proof fixing

With vandal-proof rose and fitting template

#### PRESTO 50 Single tap



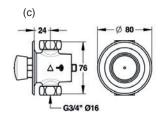




Single wall-mounted tap with bottom water inlet

PRESTO 50 (b)







Single tap for concealed mounting

**38122** PRESTO 50 - For panel mounting (c)

**@**/I





- Automatically stops after 30 sec (-10/+5 sec).
- Models with patented anti-blocking S system avoiding the water flowing continuously.
- Withstands temperatures up to 75°C. High resistance to corrosion and limescale
- Surface or concealed installation.









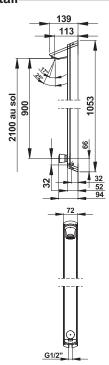






#### PRESTO 500 S® - Ready-to-install



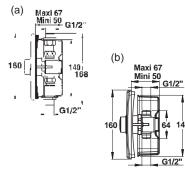


Kit with single wall-mounted tap

Bottom water inlet 38360 Concealed water inlet

#### PRESTO 500 S® B concealed



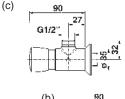


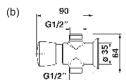
Single tap with vadal-proof fixing

38340 With stop valve (a) 38330 Without stop valve (b)

PRESTO 500 S®







#### Single tap with finishing rose

38320 Rear water inlet (c) 38310 In-line water inlet (d)

#### COMPLEMENTARY PRODUCTS



For PRESTO 500 S® B

Extention 25 mm

90425 For concealed fixing upper than 67 mm

#### FOR PRESTO 500 S®

Adaptation kit

90195 For ready-to-install tube and shower head



- Automatically stops after an adjustable duration (from 50 to 90 sec) or by pressing the STOP button
- Precise, constant temperature of the water due to the thermostatic mixing valve.
- Anti-scalding safety mechanism: NF EN 1111 compliant thermostatic mixing valve: water flow is immediately stopped if the cold water supply is cut off.
- Available in anti legionella version.

(a)

(b)









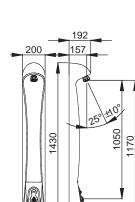


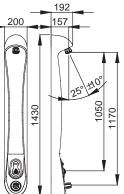




#### PRESTO DL 800 S® -







#### DL 800 S® with soap holder (a)

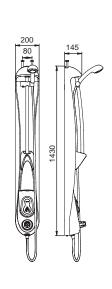
27812	Rear water inlet
27800	Top water inlet
DL 800	S® without soap holder
27814	Rear water inlet

#### COMPLEMENTARY PRODUCTS



Option	for DL 800 S <sup>®</sup>
Pipe co	ver with plug and stainless steel screws
27830	Length 700 mm
27828	Length 350 mm
Adjuste	ment kit for remote trigger
27119	Kits for DL300S® / Concealed DL400S® and DL800S® Kits
90699	Set of 2 "T" shape connectors for DL





#### DL 800 S® with hand-held shower and soap holder

27820	Rear water inlet
27808	Top water inlet (b)



Anti-sta	agnation connector
60569	Connector and adaptor for DL800 S <sup>®</sup> and PRESTOTEM <sup>®</sup>
Access	ories for DL 800 S® with hand-held shower
90743	Chrome-plated hand-held shower only
90061	Hand shower holder
90744	Grey hose for hand-held shower
90887	Thermostatic cartridge for DL800 S®



- Automatically stops after 30 sec (-10/+5 sec).
- Precise, constant temperature\* of the water.
- Anti-scalding safety mechanism\*: NF EN 1111 compliant thermostatic mixer tap: water flow is immediately stopped if the cold water supply is cut off.
- Available in anti legionella version.

\* Only for the thermostatic version.







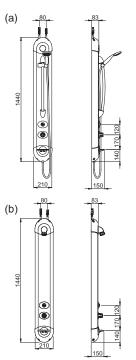






#### Shower panel with times PRESTO 50 and thermostatic mixer serie 1-









#### Anti Legionella version

#### Top water inlet and fixed shower head (b)

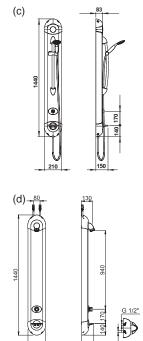
88460 Ivory white finish 88456 Satin grey finish

#### Rear water inlet and fixed shower head

88462 Ivory white finish Satin grey finish







#### Rear water inlet and fixed shower head

88406 Ivory white finish
Satin grey finish

#### Rear water inlet and hand-held shower (c)

88414 Ivory white finish Satin grey finish

#### Top water inlet and fixed shower head

88404 Ivory white finish
88400 Satin grey finish

#### Rear water inlet and fixed shower head

88412 Ivory white finish Satin grey finish



#### Anti Legionella version

#### Top water inlet and fixed shower head (d)

88420 Ivory white finish Satin grey finish

#### Rear water inlet and fixed shower head

88422 Ivory white finish88418 Satin grey finish



«Anti legionella» versions require a mandatory control unit (see p. 68 à 73).



COMPLEMENTART PR	200013
Floor drain	(see p. 58)
Finish profile	(see p. 50)
Anti Legionella versio	n
Control unit	(see p. 68 TO 76)



- Automatically stops after 30 sec (-10/+5 sec).
- Temperature and flow rate adjusted using the same button.
- Patented antiblocking S® system avoiding the water flowing continuously (the water flows when the button is released).
- Can hide traces of former fittings.





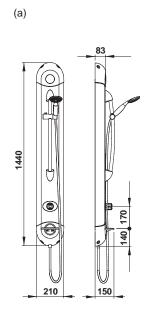












#### Rear water inlet and hand-held shower

88430	Ivory white finish
88426	Satin grev finish

#### Rear water inlet and hand-held shower (a)

88438 Ivory white finish88434 Satin grey finish

#### Top water inlet and fixed shower head

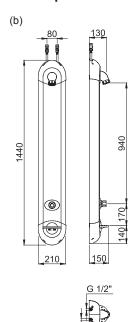
88428 Ivory white finish88424 Satin grey finish

#### Top water inlet and hand-held shower

88436 Ivory white finish88432 Satin grey finish

Shower panel with ALPA S® mixer tap





Rear water inlet and fixed shower head

88632 Ivory white finish88628 Satin grey finish

Rear water inlet and hand-held shower

88640 Ivory white finish
88636 Satin grey finish

Top water inlet and fixed shower head (b)

88630 Ivory white finish
88626 Satin grey finish

Top water inlet and hand-held shower

88638 Ivory white finish88634 Satin grey finish



COIVII LL	MENTARTTRODUCTS
For PRE	STOTEM (see p. 50)
60568	Anti-stagnation connector
88504	Support for corner installation PRESTOTEM (delivered in packs of 2)

# SHOWER AREA / PRESTOTEM® TOUCH SERIES 8 AND 9



- Touch-sensitive
- Stops automatically after 30 sec. or at any time by touching the button again.
- Precise timer programmable by the manager.
- On models with mixer taps: Anti-scalding: NF EN 1111 compliant thermostatic mixer tap: water flow is immediately stopped if the cold water supply is cut off.









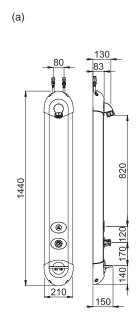






#### Shower panel with PRESTO TOUCH and thermostatic mixer serie 8





#### Rear water inlet

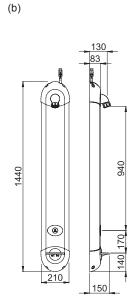
88542	Satin grey finish
88544	Ivory white finish

#### Top water inlet

88538	Satin grey finish
88540	Ivory white finish (a)

#### Shower panel with PRESTO TOUCH serie 9





#### Rear inlet with pre-mixed water

00504	
88534	Satin grey finish
Top inlet	with pre-mixed water

88532 Ivory white finish
Satin grey finish (b)



#### PROGRAMME TOUCH

- 3 settings can be programmed during the 15 seconds after the power is switched on:
- The security time, corresponding to the washing time (in 1 second intervals) adjustable from 1 second to 5 minutes.
- The duty rinsing frequency (by 24 hour intervals), pre-set with no duty rinse adjustable from 0 to 30 days.
- The duty rinse flow time (by 15 second intervals), set to 30 seconds by default – adjustable from 15 seconds to 2 minutes.
- Settings are adjusted by pressing the button a certain number of times, to which the tap responds by flowing.





- Tap with ceramic cartridge and flow limiter.
- Shower head or hand-held shower with anti-limescale spikes.



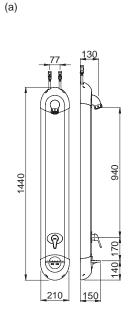






#### Shower panel with single-lever control mixer -





#### Rear water inlet and fixed shower head

88486	Ivory white finish
88482	Satin grey finish

#### Rear water inlet and hand-held shower

88494	Ivory white finish			
88490	Satin grey finish			

#### Top water inlet and fixed shower head (a)

88484	Ivory white finish
88480	Satin grey finish

#### Top water inlet and hand-held shower

88492	Ivory white finish
88488	Satin grey finish

# PRESTOTEM® SERIES 7



- 1/2 turn tap with ceramic cartridge and flow limiter.
- **Temperature limiter** and water simultaneously stopped if the cold water supply is cut off (compliant with standard NF EN 1111).
- Shower head with anti-limescale spikes.





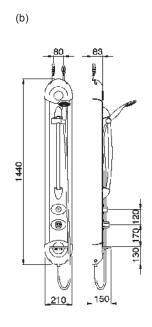






#### Shower panel with dual control thermostatic and ON/OFF -





#### Top water inlet and hand-held shower (b)

88510	Satin grey finish
88514	Ivory white finish

#### Rear water inlet and hand-held shower

88512	Satin grey finish			
88516	Ivory white finish			



- 1/2 turn tap with ceramic cartridge and flow limiter.
- Temperature limiter and water simultaneously stopped if the cold water supply is cut off (compliant with standard NF EN 1111).
- Shower head with anti-limescale spikes.





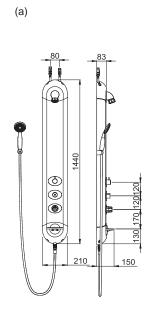






#### Thermostatic shower panel with shower head/hand-held shower reverser





#### Rear water inlet and hand-held shower

88528	Ivory white finish
88526	Satin grey finish

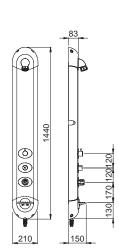
#### Top water inlet and hand-held shower (a)

88524 Ivory white finish 88522 Satin grey finish

#### Thermostatic shower panel with shower head reverser (hand-held shower optional)

(b)





#### Rear water inlet without hand-held shower (b)

88508	Ivory white finish
88506	Satin grey finish
Top wa	ter inlet and hand-held shower
88520	Ivory white finish
88518	Satin grey finish

#### **COMPLEMENTARY PRODUCTS**

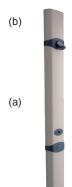


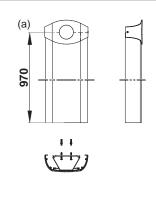
90744	Grey hose G1/2"
20504	0

Support for corner installation PRESTOTEM (delivered in packs of 2)

Floor drain (see p. 58)

#### Aluminium finish profile





Le	n	gth	=	400	m	m	1	(b	)
									_

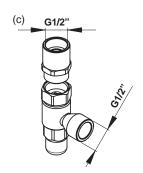
88502 Ivory white finish Satin grey finish

#### **Length = 970 mm (a)**

88501 Satin grey finish Ivory white finish

#### **Connectors**





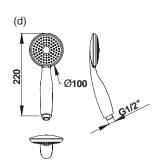
60568 Dra	in valve
-----------	----------

60569 Drain valve and adaptor for Prestotem and DL 800 (c)

90049 Quick-connector for hand-held shower

#### Hand-held shower

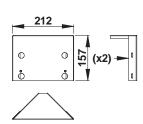




90743 Chrome-plated hand-held shower only (d)
90744 Grey hose for hand-held shower

#### Support for corner installation





88504 Set of 2

# Flow regulators for PRESTOTEM® shower head (supplied by 5)

(Supplie	ed by 3)
90145	Flow regulator 6L/min (pink)
90178	Flow regulator 8L/min (white)
90146	Flow regulator 10L/min (yellow)



- Automatically stops when the user leaves.
- Thermostatic mixer tap ensures the water is delivered at a precise, constant temperature.
- Flow is immediately stopped if the cold water is cut off.
- 37°C temperature limiter, can be deactivated by the user.
- Withstands temperatures up to 75°C.





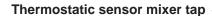




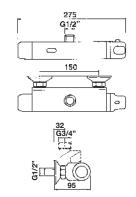












52355 With 6V CRP2 lithium battery

#### FOOT BATH AND PRE-SWIM RINSE AREA



- Adjustment of the timer to exactly suit your requirements.
- Concealed module to avoid any risk of tearing out or damage.
- Highly insensitive to parasite lights.
- Aesthetic and discreet: no visible module.









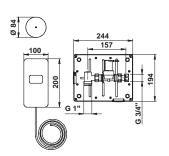




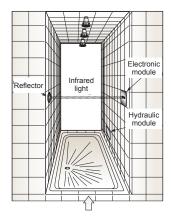


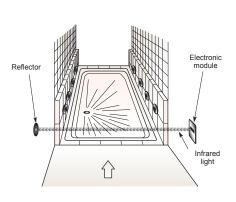
#### Foot bath and pre-swim rinse area





**52920** 230 / 12 V - 12 VA - IP65 double insulation







The complete set for shower corridor and foot bath is equipped with a tap with infrared presence detection. Water start to flow when the user goes by and shuts off automatically after an adjustable time from 0 to 105 seconds.

- Concealed electronic module to avoid any risk of breakage, insensitive to light interferences.
- Aesthetic and discreet: no visible module.





- Automatically stops after 30 sec (-10/+5 sec).
- Extremely weather-resistant and damage-proof
- Removable column for winter storage.
- High resistance to corrosion and limescale. Resistant to UV light.
- Removable assembly for winter storage (container supplied). Water inlet from the bottom.





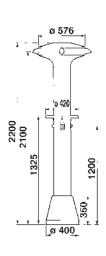






#### PRESTO S4 - For public facilities





Column which can be dismantled (for wintering) with soap holder

**29910** 4 shower heads

#### PRESTO CC2 / CC4 - For public facilities

(a)





HYDROPOOL CC2 - Ready-to-install

**29931** 2 shower heads

HYDROPOOL CC4 - Ready-to-install (a)

29933 4 shower heads



- Automatically stops after 30 sec (+/- 10 sec).
- Extremely weather-resistant and damage-proof
- Removable column for winter storage.
- High resistance to corrosion and limescale. Resistant to UV light.
- Removable assembly for winter storage (container supplied). Water inlet from the bottom.







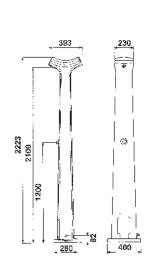






PRESTO CP - For private use





HYDROPOOL CP1 - Ready-to-install (b)

**29940** 1 shower head

HYDROPOOL CP2 - Ready-to-install

**29941** 2 shower heads





- Flow pre-set to 6L/min.
- Non-turnable, non-removable control button
- Mechanism behind partition inaccessible to users
- Equipment completely built into the partition. Non-removable, wear-proof h/c marker.
- Withstands temperatures up to 75°C.







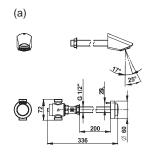




#### Complete ready-to-install kit







#### Cross-partition kit with PRESTO 50

with fixed shower head and directional grid 17° or 25° directional grid

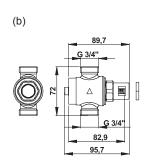
38230 For partition 1 to 200 mm thick (a) 38231 For partition 200 to 300 mm thick

# Cross-partition kit with PRESTO 500 S<sup>®</sup> with fixed shower head and directional grid 17° or 25° directional grid

38240 For partition 1 to 200 mm thick
38241 For partition 200 to 300 mm thick

#### Put together your kit

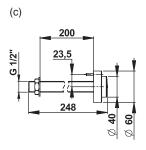




38760 PRESTO 50 tap (b)
38370 PRESTO 500 S® tap

#### ALPA S® PRESTO anti-blocking mixer tap





#### Cross-partition control only - Cold water

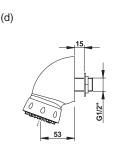
18725 For partition 1 to 200 mm thick (c) 18726 For partition 200 to 300 mm thick

#### Cross-partition control only - Hot water

**18730** For partition 1 to 200 mm thick
For partition 200 to 300 mm thick

#### **Cross-partition control only**





#### Fixed shower head with two-position directional (17° or 25°)

29120 For partition 1 to 200 mm thick 29162 For partition 200 to 300 mm thick

Vandal-proof fixed shower head

30901 For partition 1 to 200 mm thick

#### Fixed shower head with anti-scale spikes and directional grid

29260 For partition thickness 1 to 15 mm
29261 For partition thickness 15 to 200 mm
For partition thickness 200 to 300 mm

#### COMPLEMENTARY PRODUCTS



Thermostatic mixing valve 84008 Prestotherm® 134 L





- Automatically stops after an adjustable period of 1 to 30 sec.
- Anti-blocking system preventing continuous flow for more than 1 to 7 minutes (adjustable).
- Range adjustable from 100 to 700 mm.











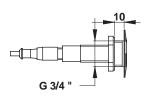






#### Extra flat detection (removable from the rear) -

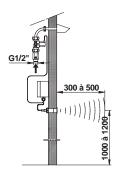




52460	For partition 1 to 10 mm thick
52461	For partition 10 to 50 mm thick
52462	For partition 50 to 200 mm thick

#### **Detection for front dismantling**



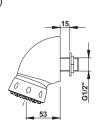


52400	For partition	1	to 20	00	mm	thick
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#### Shower head with anti-limescale spikes





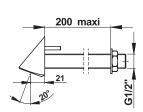


#### **Cross partition model**

29260	For partition thickness 1 to 15 mm (a)
29261	For partition thickness 15 to 200 mm
29262	For partition thickness 200 to 300 mm

#### Vandal-proof fixed shower head

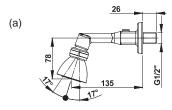




29155 With anti-rotation pin for partition of 1 to 200 mm

#### Wall-mounted shower arm



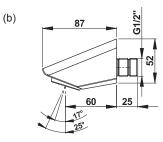


#### Wall-mounted shower arm

29300	With ball joint and shower arm (a)
29205	With ball joint, shower arm,
	tube and fastening collar
90134	Shower head only with ball joint

#### Fixed shower head with direcitonnal grid



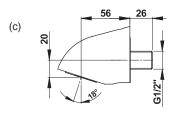


17° or 25° directional grid

29100	With tube and fastening collar
29110	Shower head only (b)
29120	For partition thickness 1 to 200 mm
29162	For partition thickness 200 mm to 300 mm

#### Fixed shower heads

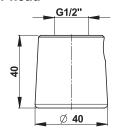




29206	With tube and fastening collar
29301	Shower head only (c)

Ceiling-mounted fixed shower head

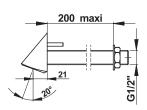




29296 Shower head with fixing screw

#### Vandal-proof fixed shower head (cross partition)



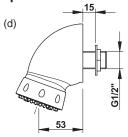


29155 With non-rotation system

for partition thickness 1 to 200 mm

Shower head with anti-scale spikes





Wall-mounted model

29255	Real water friet (u)
29250	Bottom water inlet with tube and collar

Cross partition model

Cross partition model	
29260	For partition thickness 1 to 15 mm
29261	For partition thickness 15 to 200 mm
29262	For partition thickness 200 to 300 mm

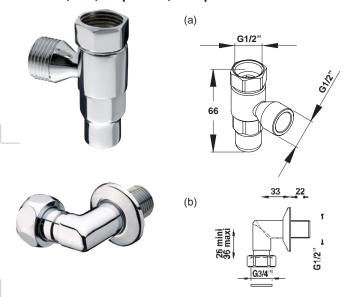
Fixed shomer head F 1/2"





20320	Female	1/2"	

#### Connector, nut, stop valve, wall plate



#### Drain valve

60568	Drain valve only (a)	
60569	Drain valve and adaptor	
	for DL800S® and PRESTOTEM	

#### Adjustable angled connector (b)

**06216** MMG 1/2" (15 x 21) G 3/4" nut (20 x 27)

#### Tamper-proof nut for ref 29301

90124 Set of 5 - H M 6x10 chrome-plated brass

#### Tamper-proof grid nut for ref 29300

**90125** Set of 5 - TCB M 6x10 chrome-plated brass

#### Adjustable angled stop valve

29835 F 3/4" x M 1/2" delivered singly

#### Hygienic hand-held showers



60566	Single-jet hand-held shower with 145 cm PVC hose
60320	START/STOP hand-held shower with anti-limescale spikes
90743	Chrome-plated hand-held shower only

#### Complete shower bar



60260 600 mm Shower bar with adjustable support + 1500 mm hose + chrome-plated hand-held shower



Hygien	ic hand-held showers
60566	Single-jet hand-held shower with 145 cm PVC hose
60320	START/STOP hand-held
	shower with anti-limescale spikes
90743	Chrome-plated hand-held shower only
Comple	ete shower bar
60260	600 mm Shower bar with adjustable support + 1500 mm hose + chrome-plated hand-held shower
60568	Anti-stagnation connector
90049	Quick coupler for hand-held shower



- Adjustable height with markers for adaptation to any floor level. Vertical or horizontal outlet.
- Floor drain: 50 mm according to NF 1253.
- Flow: 48L/min according to NF EN 1253.
- Stainless steel grid. Withstands temperatures peaks up to 85°C and detergents. Removable plunger.

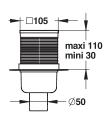






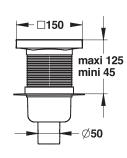






60476 Stainless steel grid 105x105

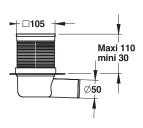




60478 Stainless steel grid 150x150

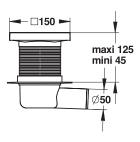
Floor drain - Side outlet -





60475 Stainless steel grid 105x105





60477 Stainless steel grid 150x150









# CALCULATING WHICH IS THE RIGHT CENTRALISED MIXING VALVE FOR YOU

#### 1 Determine the coincidence factor:

According to the French DTU code of practice, the formula used to calculate the coincidence factor K for a number of taps in a collective washroom X is as follows:

 $K = 1/\sqrt{(X-1)}$  for normal or low use

 $K = 2 / \sqrt{(X-1)}$  for intensive use

i.e. :

Nbr of outlets	Coincidence factor		
X	Medium-sized collective washroom (hotels, offices, etc.)	Large collective washroom (gymnasiums, schools, etc.)	
1 to 3	1	1	
4	0.70	1	
5	0.60	1	
6	0.45	0.90	
7	0.41	0.82	
8	0.38	0.76	
9	0.35	0.71	
10	0.33	0.67	
11 to 15	0.30	0.60	
16 to 25	0.23	0.46	
26 to 40	0.18	0.36	
41 to 60	0.15	0.30	
61 to 100	0.12	0.2	

#### 2 Calculate the total instantaneous flow in L/min:

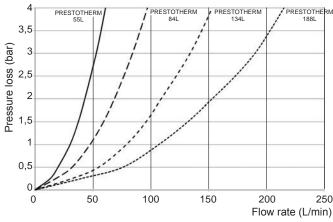
Indicate the number of sanitary appliances and calculate the total flow:

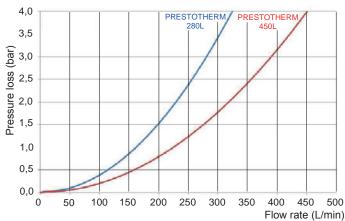
		Nbr of outlets	Flow	Total
Washbasins	PRESTO® taps		x 3 - 6 or 8 l/min	
	Others		x 12 l/min	
Showers	PRESTO® taps		x 6 or10 l/min	
	Others		x 12 l/min	
Sinks			x 12 l/min	
Baths			x 20 l/min	

Total flow in I/min ⇒ =

The total instantaneous flow in L/min = Total flow in L/min x coincidence factor

# 3 Calculate the most suitable centralised mixing valve according to the total instantaneous flow and its pressure loss:





E.g. for a total instantaneous flow of 100 L/min, the pressure loss of the 280 L model will be 0.4 bar. It is normally recommended not to exceed a pressure loss greater than 1 bar for supply pressures of 3 bars.

This selection guide is not contractually binding. It is intended to be a quick guide to help you work out your product needs based on theoretical conditions and therefore should not be considered a substitute to technical advice from our technical department for a specific given situation. We reserve the right to modify the characteristics of our products without notice. For all information, please consult our technical department.

# CHARACTERISTICS OF THERMOSTATIC MIXING VALVES

#### **TECHNICAL CHARACTERISTICS:**

• PRESTOTHERM® mixing valves taps are designed to withstand thermal shocks at temperatures over 75°C.

#### PRESTOTHERM® 55L - 84L - 134L - 188L

- Factory-set temperature: 40°C

Outlet temperature range: 35 to 55°C
 Temperature of the hot water inlet: 85°C max
 Temperature of the cold water inlet: 5 to 25°C

- Minimum differential temperature: 15°C (between hot water inlet and mixed outlet)

- Static operating pressure, max: 10 bar

- Dynamic operating pressure: 0,2 to 6 bar max

- Pressure variation at the inlets: 2:1 max

#### - Minimum flow:

- PRESTOTHERM® 55L
- PRESTOTHERM® 84L
- PRESTOTHERM® 134L
- PRESTOTHERM® 188L
8 I/min
- PRESTOTHERM® 188L

#### PRESTOTHERM® XL 280L and 450L

- Factory-set temperature: 43°C

Outlet temperature range: 35 to 65°C
 Temperature of the hot water inlet: 90°C max
 Temperature of the cold water inlet: 5 to 25°C

- Minimum differential temperature: 15°C (between hot water inlet and mixed outlet)

- Static operating pressure, max: : 10 ba

- Dynamic operating pressure: 0,2 to 6 bar max

- Pressure variation at the inlets: 2:1 max

#### - Minimum flow:

- PRESTOTHERM® 280L 15 l/mn
- PRESTOTHERM® 450L 50 l/m



<sup>•</sup> Thermostatic safety regulators can be used either to supply pre-mixed water for showers or washbasins, or as a safety device to lower the temperature of the hot water supply to a mechanical or timed flow mixing valve to under 50°C as close to the draw point as possible.



- Constant temperature whatever the variations in inlet flow and pressure.
- Possibility of limiting the temperature. Shut-down if the supply is cut-off.
- Withstands thermal shocks > 75°C for 30 minutes as part of a thermal shock programme.
- Filter and NF non-return valves accessible without dismantling the mechanism.

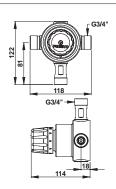






#### PRESTOTHERM® 55 L



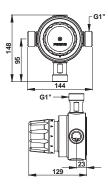


**84006** G 3/4" inlet and outlet

Adjustment range from 35°C till 55°C

#### PRESTOTHERM® 84 L



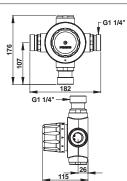


84007 G 1" inlet and outlet

Adjustment range from 35°C till 55°C

#### PRESTOTHERM® 134 L



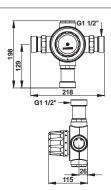


**84008** G 1"1/4 inlet and outlet

Adjustment range from 35°C till 55°C

#### PRESTOTHERM® 188 L





84009 G 1"1/2 inlet and outlet

Adjustment range from 35°C till 55°C

#### **COMPLEMENTARY PRODUCTS**



#### For PRESTOTHERM® 134 L

85993 Stop valve with drain cock G 1" 1/4"

Nickel-plated design - Male inlet - Female outlet - Swivel nut - Drain cock - G1/4" right or left mounting allowing filters to be checked

#### For PRESTOTHERM® 55 L and 84L

85991 Stop valve with drain cock G 3/4"

# MIXING VALVE AREA / PRESTOTHERM®



- Constant temperature whatever the variations in inlet flow and pressure.
- Possibility of limiting the temperature. Shut-down if the supply is cut-off.
- Withstands thermal shocks > 75°C for 30 minutes as part of a thermal shock programme.
- Filter and NF non-return valves accessible without dismantling the mechanism.

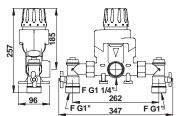


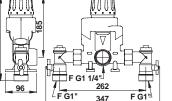




#### PRESTOTHERM® XL

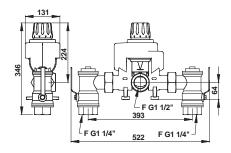






#### 280 L model

Inlets G 1" and outlet G 1" 1/4 84020 Stop valve with drain cock Adjustment range from 35°C till 65°C



#### 450 L model

84021 Inlets G 1 1/4" and outlet G 1" 1/2 Stop valve with drain cock

Adjustment range from 35°C till 65°C



# MIXING VALVE AREA / SAFETY THERMOSTATIC MIXING VALVE



- Ensures the water is delivered at a **constant temperature**. Regulates variations.
- Flow is immediately stopped if the cold water is cut off. With removable or internal temperature limiter, depending on model.
- Distribution of mixed water for 2 to 6 sanitary outlets (depending on the flow rate). Suitable for washbasin, bidet or shower.
- NF non-return valves and filter gaskets.



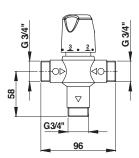






#### Safety thermostatic mixing valve





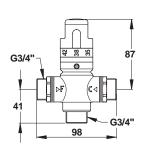
Thermostatic mixing valve with internal temperature limiter

**29002** From 30° to 65°

Flow rate: 57 l/min at 3 bar

#### Safety thermostatic mixing valve





Thermostatic mixing valve with disconnectable temperature control

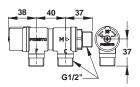
**29003** From

From 20 to 50°

Flow rate : 30 l/mn à 3 bar

#### Safety thermostatic mixing valve





Thermostatic mixing valve with internal temperature

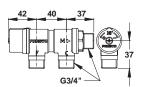
limiter 29006

From 20 to 50° - 1/2" inlet and outlet

Flow rate: 43 l/min at 3 bar

#### Safety thermostatic mixing valve





Thermostatic mixing valve with internal temperature limiter

**29007** From 20 to 50° - 3/4" inlet and outlet

Flow rate : 47 l/mn at 3 bar

#### **COMPLEMENTARY PRODUCTS**



85990

#### For thermostatic regulator ref 29006:

Stop valve with drain cock G 1/2" (MG 1/2» 3/4" FG 1/2" sleeve and G 3/4" stop valve) (a)

Nickel-plated design - Male inlet - Female outlet - Swivel nut - Drain cock - G1/4" right or left mounting allowing filters to be checked..



- Distribution of mixed water by adjusting the proportion of hot and cold water.
- For 1 outlet (washbasin, bidet): adapts to all types of installation. Built-in stop valves.
- NF non-return valves.





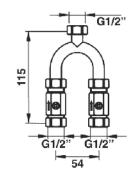






#### **Premixer valve**







#### **BENEFIT:**

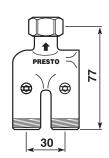
Allows to adjust little variances

1/2" inlets with check valves

1/2" outlet with captive nut

#### Monobloc premixer valve





1/2" inlets with check valves

29410 1/2" outlet with captive nut

# Example of installation of a premixer valve Capacity: < 3 liters max. With ref. 29403 With ref. 29410





### Legionnaires' disease is a lung infection which can be fatal.

Legionella is a bacteria naturally present in water. It develops in hot water circuits when the temperature conditions are favour-able (between approximately 25° and 45°C).

Humans are exposed to the bacteria when they breathe in **fine droplets of contaminated water**, while **showering** for example. The infected person may then develop Legionnaires' disease which leads to death in approximately 10% of cases. **This disease is not caught** by contact with an infected person, or by drinking water containing legionella bacteria. Legionnaires' disease can affect anyone, but the risks increase with age, or if the person has a respiratory illness, or is a smoker, etc.

Legionella develops in domestic hot water systems where the temperature is less than or equal to 55°C. Below 19/20°C the bacteria is present in low concentrations.

Between 25°C > T° > 45°C it proliferates in stagnant water.

In order to destroy it, at 50°C, its growth is stopped but the bacteria can survive. At 55°C it takes several hours to destroy it, at 60°C it takes 32 minutes, at 66°C 2 minutes and at 70°C, 1 minute. (source: DRASS/DASS).

# PREVENTING THE SPREAD OF LEGIONELLA: THE NEW MEASURES INTRODUCED BY THE ORDER OF 1ST FEBRUARY 2010.

In order to reduce the amount of Legionella in France, the order of 1st February 2010 recommends that the **domestic hot water systems in buildings receiving the public** and having draw points presenting a risk (showers, hand-held showers, jacuzzis and massage jets **should be monitored**.

Hotels, swimming pools, prisons, tourist residences, camp sites and buildings receiving the public are therefore concerned.

#### THE MAIN MEASURES OF THE ORDER OF 1<sup>ST</sup> FEBRUARY 2010.

Monitoring the systems is the direct responsibility of the manager of the facilities (article 3).

The manager of the facilities must set up surveillance of the temperature of the hot water and the presence of legionella in the water. The minimum surveillance is defined by appendix 2 of the order:

SURVEILLANCE POINTS	MANDATORY MEASUREMENTS for each of the domestic hot water systems		
	Water temperature	Legionella analysis	
Outlet of the domestic hot water	Once a day (or continuously) -	-	
production system(s) (distribution)	Once a month -	-	
Bottom of the domestic hot water production	-	- Once a year	
and storage tank(s) if applicable	-	- Once a year	
At-risk draw points most representative	Once a week (or continuously)	Once a year	
the system and draw points the furthest from the domestic hot water production point	Once a month	Once a year	
Representative draw points located in departments receiving patients identified by the nosocomial	Once a week (or continuously)	Once a year	
infection control committee (or any organisation having the same duties)	-	-	
Water returning from the network,	Once a week (or continuously) for each network	Once a year	
(general return) if applicable for each network	Once a week (or continuously) for each network	Once a year	
	Hospitals		

In line with this minimum level of surveillance, the manager of the facilities defines the frequency of the temperature checks and legionella analyses for **each hot water system** in the establishment.

Camp sites, prisons, swimming pools, other buildings receiving the

Article 3 specifies that this surveillance is stepped up by the manager of the facilities, in particular in the event of an incident or malfunction on the domestic hot water system likely to favour the proliferation of legionella bacteria.

This surveillance is also stepped up by the manager of the facilities by request of the General Manager of the Regional Health Agency, in particular if the water quality does not meet the targets established in article 4 or if a report of legionnaires' disease is linked to the use of the water supplied.

#### FOR DOMESTIC HOT WATER NETWORKS WHICH REMAIN UNUSED FOR SEVERAL WEEKS (CAMP SITES, ETC.):

Legionella analyses must be performed (after draining the networks) within two weeks before receiving the public. This period must allow the manager of the establishment to know the results of the analysis before the public arrive and to implement corrective measures if necessary (article 3).

# REMINDER OF THE TEMPERATURES AND NUMBERS OF LEGIONELLA PNEUMOPHILA: VALUES TO BE OBSERVED (ARTICLE 4).

VALUES TO BE Observed	Domestic hot water temperatures established by the order of 30 November 2005	Number of Legionella Pneumophilia at at-risk draw points
	55°C minimum at the production outlet	As low as possible at the bottom of the water tank and returning from
	50°C minimum for the water returning from the system, if the system is a loop	
	50°C maximum at the draw point in rooms intended for washing	Logo than 1000
	60°C minimum in other rooms	Less than 1000 CFU/L (colony-forming units per litre) at the draw point
	90°C with warnings in the kitchens	, , , , , , , ,

#### TRACEABILITY OF SURVEILLANCE (ARTICLE 3).

The manager of the facilities must ensure the surveillance is traceable. To do so, the manager records in a health log for the facilities:

- the methods and results of the surveillance (temperature check and legionella analyses),
- a description of the elements of the domestic hot water systems,
- elements relating to the maintenance of these facilities.

The manager of the facilities will be systematically requested to produce the health log if the establishment is inspected or if a case of legionnaires' disease is reported by a person who has stayed in an establishment

# CHOICE OF LABORATORY TO PERFORM THE ANALYSES (ARTICLE 5).

The water samples and legionella analyses carried out under the terms of the order must be performed by an accredited lab¬oratory (COFRAC or other European accreditation body) in line with standard NF T 90-431.

The choice of laboratory, the costs of the analyses, the sampling period and the sampling strategy is the responsibility of the manager of the facilities (article 6).



#### **APPLICATION TIMES (ARTICLE 7).**

These new measures apply with differing deadlines depending on the type of establishment:

- Health establishments and care homes for dependent elderly people as from 1st January 2010
- Hotels, camp sites, tourist residences and prisons as from 1st January 2011
- For other establishments receiving the public, as from 1st January 2012















#### PRESTO OFFERS 2 SOLUTIONS:

- A unique system for remote activation of the shower to avoid contaminating or scalding of the technical staff during thermal disinfection.
- The system allows the temperature on the entire hot water circuit to be raised according to a schedule programmed by the system manager with or without remote activation of the shower.

These solutions apply to all installations, with or without circulating loops, supplied by mixing valves for preventive or curative actions aimed at eradicating bacteria in the hot water circuit.

#### PRESTO ADVANTAGES

The shower flow is configurable so that the showers are activated in groups (4 groups for 2 loops) in order to manage the hot water production capacity.

Each flow lasts for a configured time or based on calculation of the potential (open or closed loop).

The system is available in 2 complete kits according to the type of installation with or without loop and the number of showers.

If your installation does not correspond to the cases shown below, we can also provide a tailor-made solution to meet your needs.

#### **GENERAL FUNCTIONALITY**

- Control and monitoring of all the functions by programmable control unit.
- Simultaneous control and monitoring of 2 loops.
- Continuous measurement of the temperature by contact sensor on the feeder pipe.
- Date and time management.
- Storage of events in the control unit memory.
- Backup in the event of a power cut.
- Upgradable system allowing configuration of the disinfection database in order to adapt to new regulations or changes in specific markets or other countries.

#### CONTROL

- Control of temperature increase in the hot water production system. (by dry contact).
- Control of the by-pass for the 2 thermostatic mixing valves (simultaneous).
- Opening of the DL 400L by triggering.
- Shut-down in the event of power cut (Normally closed solenoid valve).
- Draining to restore temperature before use.
- Connections to usage points by a single built-in terminal block.

#### SUPERVISION

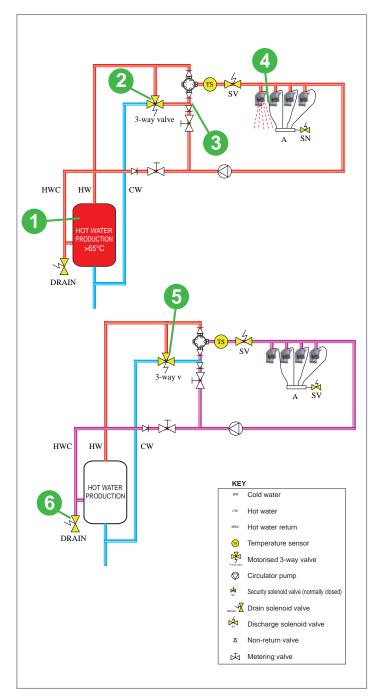
- Reactivation in case of failure
- Measure and display of loop feeder temperature.
- Calculation of the disinfection potential.

#### **TRACEABLITY**

- Dated log of the last 352 treatments (shock and rincing). Detailed Logbook of the last 1500 events.
- During standby, the screen permanently displays the number of days since the last thermal shock treatment and the last rinsing.

#### **SAFETY**

- Shocks are interrupted and the showers are locked to protect users in the following circumstances:
- Fault occurring on the 230 V AC, 12 V AC and 12 V DC power supplies.
- Intrusion during treatment.
- Wrong position of the 3-way valve.



#### THERMAL SHOCK:

- Frequency adjustable from 0 to 365 days
- Start time adjustable on a weekly basis
- · With or without adjustable flow on a weekly basis
- Shocks can be forbidden on certain days of the week
- In case of failure or on a forbidden day, postponement until the following day
- Possibility to activate manual treatment immediately by access code or auxiliary input, with or without flow.

#### **SHOCK PROCEDURE:**

- Increase in the temperature of the hot water production circuit to T>60°C, ideally > 70°C. (Dry contact used by the hot water production appliance).
- (3-way valve included in kits).
- Pre-circulation in all the hot water pipes in loops.

The system can be programmed.

The following daily disinfection times must be complied with:

60 mn at T = 60°C or 4 mn at T = 65°C or 2 mn at T ≥ 70°C

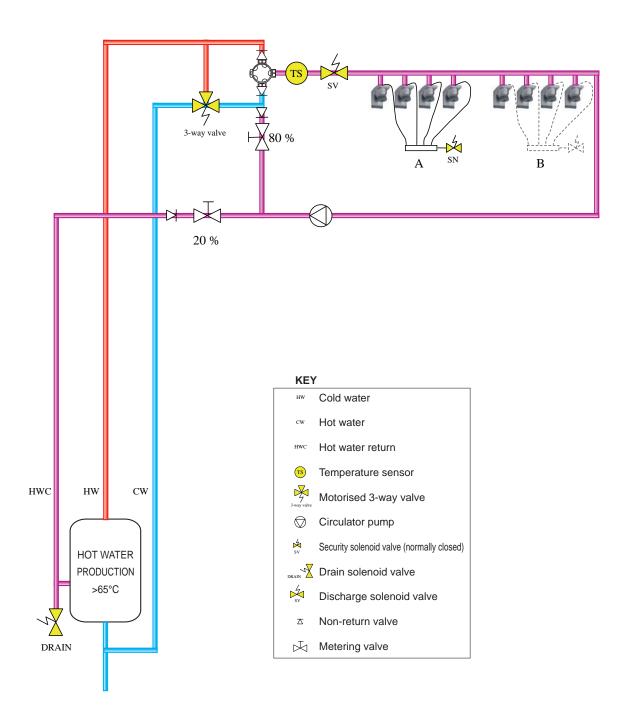
Shower flow programmed by the manager.

- Centralised mixing valve restarted by reversing the 3-way valve.
- 6 Draining to bring the installation quickly back to temperature.

Installation restored to normal service







#### 86710 Ready-to-install Legionella kit 1

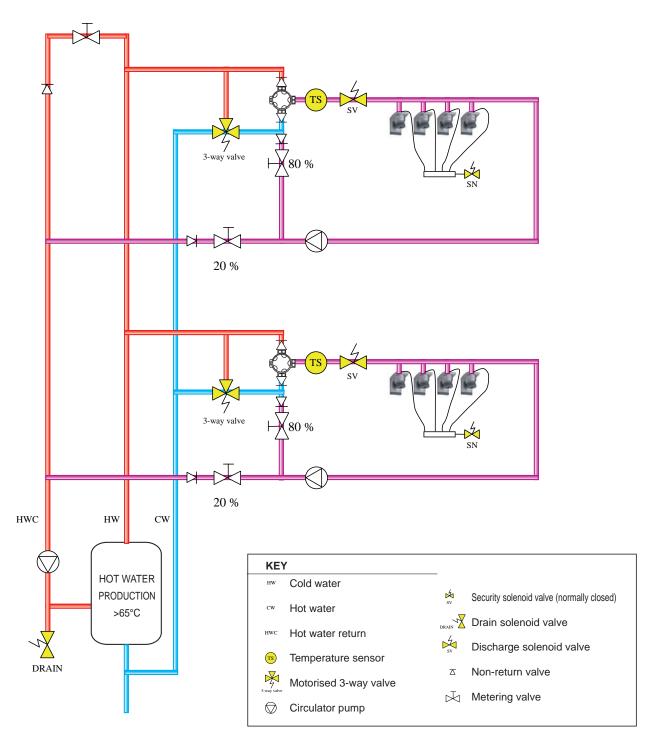
This kit includes:

- 1 Programmable control unit PRESTO ref. 86700
- 1 Temperature sensor ref. 86701
- 3 Solenoid valves for manifold or drain ref. 90634
- 1 3-way valve ref. 86626
- 2 Presence detector ref. 85949
- 1 Security solenoid valve ref. 85999
- 2 Manifolds (for 1 to 9 DL showers) ref. 90632

2 Capillary tubes PA66 - 25 meters - ref. 90633

Send us your plans (assistancetechnique@presto.fr) or call us (tel. (+33) 1 46.12.34.56 then press 3 - Fax. (+33) 1.46.05.58.30), our technical service will study to give you the best solution according to your installation.



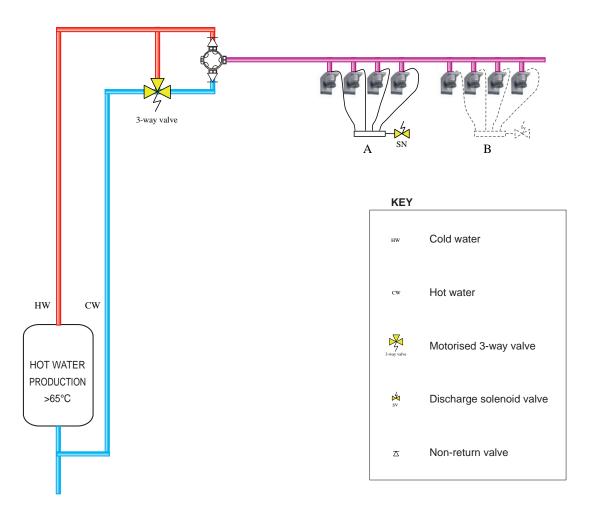


#### 86711 Ready-to-install Legionella kit 1

This kit includes:

- 1 Programmable control unit PRESTO ref. 86700
- 2 Temperature sensor ref. 86701
- 5 Solenoid valves for manifold or drain ref. 90634
- 2 3-way valve ref. 86626
- 4 Presence detector ref. 85949
- 2 Security solenoid valve ref. 85999
- 4 Manifolds (for 1 to 9 DL showers) ref. 90632
- 4 Capillary tubes PA66 25 meters ref. 90633

Send us your plans (assistancetechnique@presto.fr) or call us (tel. (+33) 1 46.12.34.56 then press 3 - Fax. (+33) 1.46.05.58.30), our technical service will study to give you the best solution according to your installation.



Solution for manual triggering of DL400S $^{\circ}$  L, DL800S $^{\circ}$  L and Prestotem $^{\circ}$  L version (legionella) using a key

90635	Control unit
	+
90632	Manifold
	(1 manifold for 1 to 9 showers
	2 manifolds for 10 to 17 showers)
	+
90634	Solenoid valve for manifold or drain
	+
90633	Capillary (25 meters)
	+
85949	Presence detector
86626	3-way valve



To avoid any risk of scalding, install up to 4 presence detectors which will stop the flow from the draw points if anyone enters the shower area while the temperature is raised.

Send us your plans (assistancetechnique@presto.fr) or call us (tel. (+33) 1 46.12.34.56 then press 3 - Fax. (+33) 1.46.05.58.30), our technical service will study to give you the best solution according to your installation.

# MIXING VALVE AREA / MANUALLY TRIGGERED SOLUTION

(b)









#### **SEPARATE COMPONENTS**

86700	Presto programmable control unit		
86701	Sonde de température		
90634	Solenoid valve for manifold or drainage		
86626	3-way valves		
85949	PIR presence detection		
85999	Safety solenoid valve (f)		
90632	Manifold		
	(for 1 to 9 showers) (g)		
90633	Capillary tubes PA66 (25 m)		
90699	T connector for tube (ref. 90633)		



#### **ACCESSORIES**

The solutions allow continuous flow from PRESTO timed flow taps during disinfection phases to the draw points or the hot water circuits:

- Caps are installed in place of the timed flow cartridges.
- Brackets block the exposed P50 and ALPA timed flow taps in the open position.

To install these solutions on PRESTO taps, shut off the centralised hot and cold water supplies, drain the pipes and install the plugs or brackets.

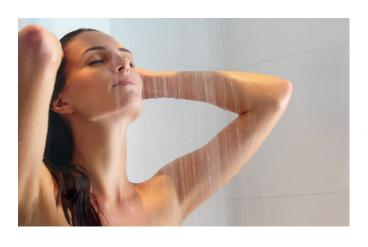
90625	Plug for PRESTO 4000 / 4000 S®	
90626	Plug for PRESTO 600 cartridge	
90627	Plug for PRESTO 2000	
90628	Bracket for PRESTO 50, exposed mounting	
90629		

If your installation is not fitted with "Legionella" version showers, Presto can supply kits to convert it for remote triggering.

27119	27119 Set for DL 300 S®/ DL 400 S®	
	concealed mounting and DL 800S®	
90699	Set of 2 T connectors for DL	

#### ALL PRESTO® WASHBASINS AND SHOWERS CAN SUSTAIN TEMPERATURES > 75°C FOR DAILY TEMPERATURE RISES.

Send us your plans (assistancetechnique@presto.fr) or call us (tel. (+33) 1 46.12.34.56 then press 3 - Fax. (+33) 1.46.05.58.30), our technical service will study to give you the best solution according to your installation.



In the case of establishements as hotels, camping, pools, spas.... it is highly recommended to take any risk with the legionella and to choose for an automatic system against the legionella, with thermal desinfections at the chosen frequency.

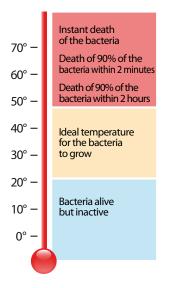
Besides the reinforced security, it decreases the maintenance expenses and offers a quality prevention: the thermal disinfection is no longer a curative solution, but becomes a preventive solution.

#### COMPARED TO CHLORINATED SHOCK, THE THERMAL DISINFECTION IS:

- -More efficient
- -Less costly
- -Easier to settle
- -Possible on the Hot and Cold water network

# THE PRESTO TECHNICAL ASSISTANCE OFFERS A CUSTOM-MADE SOLUTION FITTED TO YOUR NETWORK:

- -Study of your plans (new or old installations)
- -Customised solution offer
- -Detailled cost estimate
- -Help for installation
- -Commissioning with your technical teams
- -Phone assistance at any time



CAMPINGS, HOTELS, SPAS, POOLS, HOSPITALS, RETIREMENT HOMES, JAILS

Perform your thermal shocks peacefully. The PRESTO solution offers you security and traceability.

SEND US YOUR PLANS (assistancetechnique@presto.fr) OR CALL US (TEL. (33) 01.46.12.34.56 - FAX. (33) 05.46.05.58.30),
OUR TECHNICAL SERVICE WILL STUDY TO GIVE YOU THE BEST SOLUTION ACCORDING TO YOUR INSTALLATION.

ALL THE PRESTO WASHBASIN TAPS AND SHOWERS RESIST TO TEMPERATURES HIGHER THAN 75°C within the framework of the daily temperature rises







- Stops automatically after 30 sec. (-10/+5 sec.).
- Constant flow and jet giving a gentle rain as compared to systems with nozzles.
- Directional shower head with anti-limescale spikes. Withstands temperatures up to 75°C.







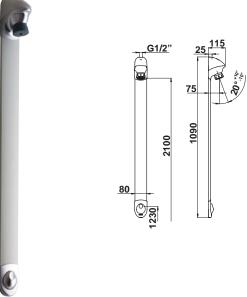


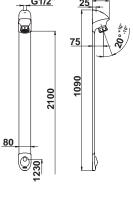






#### Single tap





With straight stop valve

27424 Satin grey finish

With angled stop valve

27426

Satin grey finish



"ANTI LEGIONELLA" VERSION

Control unit (see p. 71 to 75)



**COMPLEMENTARY PRODUCTS** 



Control unit (see p. 71 to 75) 60476 Floor drain Compensator plate 27428 (8 mm) for installing the DL 400 SE

Reinforced fixing 90434 Anchor hook Concealed inlet connector 27140 G 1/2" (15x21)

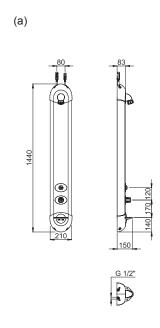
# MIXING VALVE AREA / PRESTOTEM® SERIE 1 - LEGIONELLA VERSION



- Stops automatically after 30 sec. (-10/+5 sec.).
- Precise, constant temperature of the water.
- Anti-scalding safety mechanism: NF EN 1111 compliant thermostatic mixer tap.
- Flow is immediately stopped if the cold water is cut off.

#### Shower panel with PRESTO 50 and thermostatic mixer -





Top water inlet and fixed shower head

88462 Ivory white finish
88458 Satin grey finish

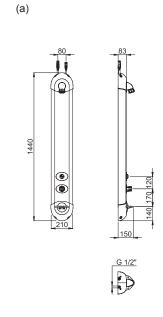
Top water inlet and fixed shower head (a)

88460 Ivory white finish 88456 Satin grey finish

# PRESTOTEM® SERIE 4 - LEGIONELLA VERSION

#### Shower panel with PRESTO 50





Rear water inlet and fixed shower head

88422 Ivory white finish Satin grey finish

Top water inlet and fixed shower head (a)

88420 Ivory white finish Satin grey finish

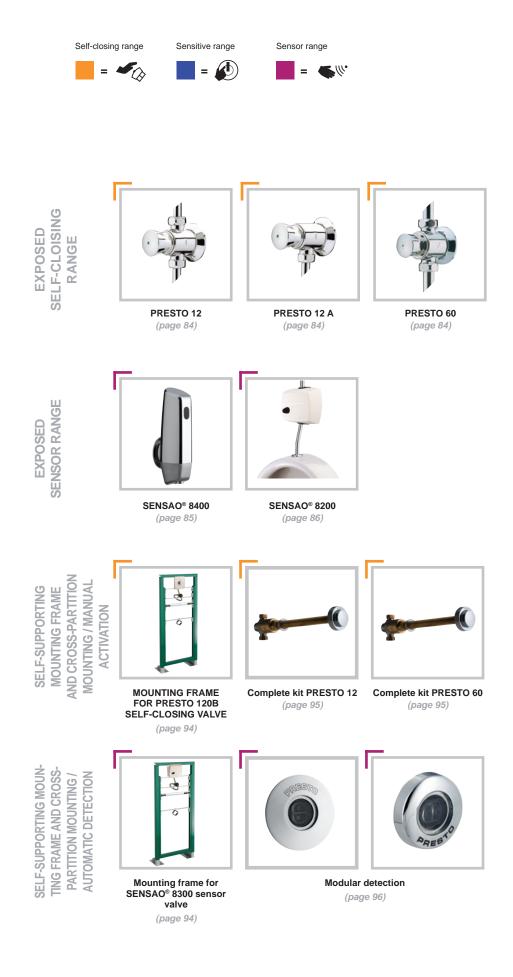


# URINAL VALVE

SELF-CLOSING TAP	84
PRESTO 12/60	84
SENSOR TAP	85
EXPOSED TAP SENSAO 8400/8200 CONCEALED TAP SENSAO 8100/8300/8500/8600	85 86
URINAL KITS	87
SELF-SUPPORTING MOUNTING FRAME	94
CROSS-PARTITION CONTROL	95
MODULAR DETECTION FOR URINAL	96
KIT FOR SETS OF URINALS AND DETECTION IN SUSPENDED CEILING	97
ACCESSORIES	98
STOP VALVES, CONNECTORS JUNCTION NOZZLE SIPHON	98 98 98







CONCEALED / MANUAL SELF-CLOSING



PRESTO 120B PRESTO 60B

(page 84)

((page 84)

SENSOR RANGE CONCEALED



SENSAO® 8300

(page 86)

SENSAO® 8100 (page 86)



Ceiling detection multiple urinals (page 97)



Complete multi-urinal kit (page 97)

COMPLEMENTARY **PRODUCTS** 



STOP VALVE (page 98)



CONNECTORS (page 98)



JUNCTION NOZZLE (page 98)



SIPHON FOR URINAL (page 98)



- Patented mechanism: mechanical self-closing taps are equipped with a wear resistant calibrated synthetic ruby, self cleaning by the stainless steel needle, guaranteering a constant timed flow.
- Prevents splashing thanks to adjustable flow rate.
- Designed for intensive use (impacts, kicking, etc.).
- Flush time of 6 sec.









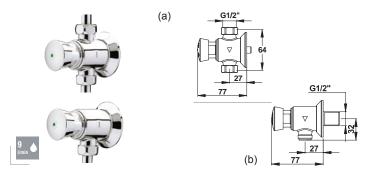






**₽** 

#### PRESTO 12 - PRESTO 12 frost-proof - PRESTO 12 A



### PRESTO 12

In-line water inlet (a)

31003 With connectors 12x14 31001 With 1 connector

PRESTO 12 FROST-PROOF

In-line water inlet

31303 With 2 connectors

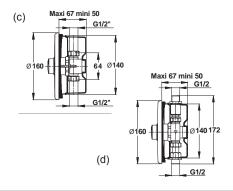
PRESTO 12 A

Angled water supply (b)

31707 Without connector

#### PRESTO 120B





#### Vandal-proof tap, concealed mounting

38335 Without stop valve (c)
With stop valve (d)

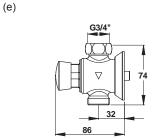
 $\cap$ 



Delivered with 5L/min regulator.

#### PRESTO 60



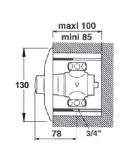


#### In-line water inlet (e)

15033	With 2 connectors	<b>№</b>
15000	With 1 connector	<b>₽</b>

#### PRESTO 60B





#### Vandal-proof tap, concealed mounting (f)

**15233** With vandal-proof rose and fitting template

#### COMPLEMENTARY PRODUCTS



COMPLEMENTARY PRODUCTS			
Interchangeable heads			
01027	Head for PRESTO 12/12A/12TC		
01009	Head for PRESTO 60/ 60TC		
01190 Head for PRESTO 120B			
Urinal kit (see p. 83)			



- Adjustable flush time of 4 to 8 sec.
- Periodical programmable automatic flushing (pre-fixed at 8 sec at the factory) reduces unpleasant odours and avoids clogging the ceramics and drain.
- Interchangeable with a PRESTO 12A.
- Battery life: 3 to 6 years (depending on the frequency of use).





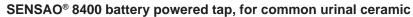




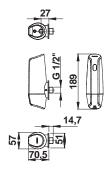














Interchangeable with PRESTO 12 ref. 31707.

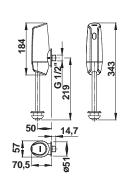
Select the appropriate pipe in the URINAL KIT section (pages 89 - 91 - 93) corresponding pipes G 1/2".

Exposed angled sensor tap

55360 Delivered with 6 I/min flow limiter

SENSAO® 8400 battery powered tap, for siphonic action urinal ceramic





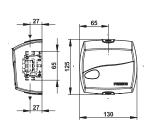
Exposed mounting right-angled sensor tap for siphonic action urinal

**55361** Delivered with pipe and junction nozzle, adjustable flow

# **URINAL AREA / SENSAO® 8200 SURFACE MOUNTING**

#### SENSAO® 8200 - battery powered





Select the appropriate pipe in the URINAL KIT section (pages 89 - 91 - 93) corresponding pipes G 1/2".

SENSAO 8200 - Battery powered With built-in 6 V lithium battery Ivory white finish

55300 In-line water inlet



Interchangeable with PRESTO 12 ref. 31707.

MECHANICAL			ELECTRONIC	
URINAL	PRESTO 12	réf. 31001	SENSAO® 8200	réf. 55300
STANDARD	PRESTO 12 A	réf. 31707	SENSAO® 8400	réf. 55360
URINAL	PRESTO 60	réf. 15000	SENSAO® 8200	réf. 55300+90710
SIPHONIC ACTION	PRESTO 60	réf. 15033	SENSAO® 8200	réf. 55300+90710

#### **COMPLEMENTARY PRODUCTS**



Models onward 2011		
90650	6V lithium battery type 2 CR5	
Models	after 2011	
90941	Battery set 5750 / VOLTA / NEW TOUCH	
90651	Battery-powered solenoid valve	
90670	Flow limiter for	
	standard urinals	

Option for SENSAO 8200		
90710	Adaptor kit for replacement of a P 60 by a P 8200	
50300	Water effect	



- Adjustable flush time of 4 to 8 sec.
- Time and pre-wash configurable.
- Periodical automatic flushing eliminates unpleasant odours.
- Hygiene: without hand contact, to avoid the hand-over of germs.
- Easy installation: battery or mains version.











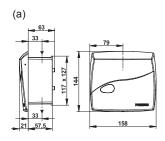






#### SENSAO® 8300 - Battery powered



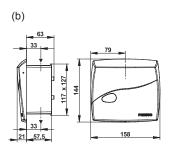


#### With integrated 6V lithium battery

55330 Ivory white finish (a)55331 Satin grey finish

#### SENSAO® 8100 - Mains powered



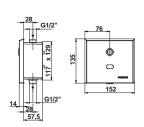


#### Transformer not supplied (see complementary products)

55320 Ivory white finish55321 Satin grey finish (b)

#### SENSAO® 8500 – Vandal-proof battery powered tap



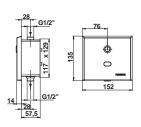


#### Anti-vandal stainless steel front plate

55610 Battery powered

#### SENSAO® 8600 - Vandal-proof mains powered tap





#### Anti-vandal stainless steel front plate

55612 Mains powered

#### COMPLEMENTARY PRODUCTS



The "ess	sentials"
230V AC	C/ 12V AC transformer for DIN rail
90464	For 1 to 3 taps (18 VA)
90711	For 4 to 6 taps (35 VA)
90610	For 7 to 10 taps (75 VA)

# 230/12VAC transformer in IP65 waterproof casing with terminal block and cable gland 90685 For 1 to 3 taps (18 VA)

90003 For 1 to 3 taps (15 VA)

1 For 4 to 6 taps (35 VA)

90704 For 4 to 6 taps (35 VA)

90686 For 7 to 10 taps (75 VA)

#### INFO:

The PRESTO 12 ready-to-install kits are perfectly adapted to all urinals fitted with a 1-liter siphon.

For renovation work we recommend 2 solutions:

- 1 If you wish to install a PRESTO 12 kit as a replacement for a 3/4" tap (20x27) or PRESTO 60 in order to reduce water consumption: Select a PRESTO 12 ready-to-install kit according to the brand and model of urinal (see coloured tables) and choose an M3/4 - F1/2 reduction kit. ref. 70173
- 2 If you wish to keep the PRESTO 60 already installed, replace the complete P60 kit (tap and equipped pipe), if you have urinals with large siphons (> 2 liters) or if you have a low pressure installation:

Select a pipe fitted with a suitable 3/2" equipped pipe from the uncoloured tables according to the brand and model of urinal installed and then select PRESTO 60 ref. 15000 or 15033.

#### **SOLUTIONS FOR URINALS NEEDING A CONCEALED TAP:**

P120 B concealed tap. 38336 With stop valve 38335 Without stop valve



50954 Pipe with junction nozzle

46910 Inlet kit M1/2 with junction nozzle

#### COMPLETE KITS AND ACCESSORIES BY BRAND AND MODEL:

In-line water inlet kit





**DURAVIT® GALLA®** JACOB DELAFON® LAUFEN®

IDEAL STANDARD® PORCHER®

 $\mathsf{ROCA}^{\scriptscriptstyle{\circledR}}$ SELLES®

**ALLIA®** 

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SPHINX®

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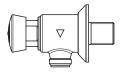
VILLEROY ET BOCH® VITRA®

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**DIAGRAMS** 

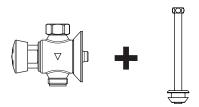
Pages 91-93-95 Equipped pipes, junction nozzle, water effect

Rear water inlet kit.

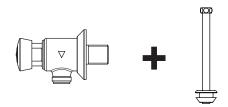


ALLIA®		<b>DURAVIT®</b>	
AMIGO	COMPLETE KITS 31835 In-line water inlet 31845 Rear water inlet ACCESSORY 50946 1/2" equipped pipe (a) COMPLETE KIT	BEN / KATJA PAGO / JIM BOB / SAM	COMPLETE KITS 31813 In-line water inlet 31713 Rear water inlet ACCESSORIES 50913 1/2" equipped pipe (a) 50930 3/4" equipped pipe (b)
angled	31988 In-line water inlet ACCESSORIES 50928 1/2" equipped pipe (b) 90013 Corner wedge	NEISSE	ACCESSORY 50944 1/2" equipped pipe (c)
AUBAGNE 2	COMPLETE KITS 31993 In-line water inlet 31990 Rear water inlet ACCESSORIES 50905 1/2" equipped pipe (c) 50941 Water effect only (d)	STARCK 3 (08 22 25)	COMPLETE KITS 31827 In-line water inlet 31837 Rear water inlet ACCESSORY 50959 1/2" equipped pipe (d)
AUBAGNE 2 angled	COMPLETE KIT 31996 In-line water inlet ACCESSORIES 50915 1/2" equipped pipe (e) 90013 Corner wedge	STARCK 3 (08 26 25)	COMPLETE KITS 31813 In-line water inlet 31713 Rear water inlet ACCESSORY 50913 1/2" equipped pipe (a)
BLAGNAC	COMPLETE KITS 31838 In-line water inlet 31828 Rear water inlet ACCESSORIES	GALLA® KORINT	1 50913 1/2" equipped pipe (a)  COMPLETE KITS
MONCEAU	50961 1/2" equipped pipe (f) 50930 3/4" equipped pipe (g) COMPLETE KITS	GOLEM	31813 In-line water inlet (a) ACCESSORY 50913 1/2" equipped pipe (b)
réf. 007350	31833 In-line water inlet 31843 Rear water inlet	IDEAL STANDARD®	
	ACCESSORY 50919 1/2" equipped pipe (h)	3872	ARU®   COMPLETE KITS
MONTEAU réf. 007390	COMPLETE KITS 31835 In-line water inlet 31845 Rear water inlet ACCESSORY 50946 1/2" equipped pipe (i)	<u>.</u>	31968 In-line water inlet 31965 Rear water inlet ACCESSORY 50921 1/2" equipped pipe (a)
NOGENT 2	COMPLETE KITS 31973 In-line water inlet 31970 Rear water inlet ACCESSORIES 50903 1/2" equipped pipe (j) 50940 Water effect only (k)	3873	COMPLETE KITS 31933 In-line water inlet 31930 Rear water inlet ACCESSORY 50908 1/2" equipped pipe (b)
NOGENT 2 angled	COMPLETE KIT 31996 In-line water inlet ACCESSOIRES 50915 1/2" equipped pipe (I) 50940 Water effect only (m) 90013 Corner wedge	3874 angled	COMPLETE KIT 31829 In-line water inlet ACCESSORIES 50962 1/2" equipped pipe (c) 90013 Corner wedge
SATOLAS	COMPLETE KITS 31813 In-line water inlet 31713 Rear water inlet ACCESSORIES 50913 1/2" equipped pipe (n) 50930 3/4" equipped pipe (o)	ESPRIT SAN REMO	COMPLETE KIT  31813 In-line water inlet  31713 Rear water inlet  ACCESSORY  50913 1/2" equipped pipe (d)
SATOLAS angled	COMPLETE KIT 31836 In-line water inlet ACCESSORIES 50958 1/2" equipped pipe (p) 90013 Corner wedge	presented which operation of pro	held responsible for changes made to the ceramics the may have an effect on the installation or normal ducts. Do not hesitate to contact our sales or technical no will help you to choose the right PRESTO® product

#### In-line water inlet kit



#### Rear water inlet kit



#### **ALLIA®**

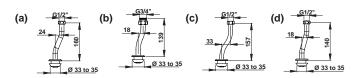












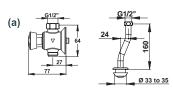
#### **GALLA®**

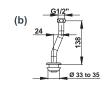






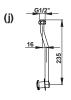






# IDEAL STANDARD®

























**JACOB DELAFON®** 

ATLAS | ACCESSORY

50956 1/2" equipped pipe (a)

COQUILLE 2 | COMPLETE KITS

31983 In-line water inlet 31980 Rear water inlet

**ACCESSORY** 

**50904** 1/2" equipped pipe **(b)** 

COQUILLE 2 | COMPLETE KIT

angled 31986 In-line water inlet

**ACCESSORIES** 

**50914** 1/2" equipped pipe (c)

90013 Corner wedge

BOISSIERE 2 | COMPLETE KITS

31830 In-line water inlet31840 Rear water inlet

**ACCESSORY** 

**50916** 1/2" equipped pipe **(d)** 

MURALE 2 | COMPLETE KITS

31832 In-line water inlet31842 Rear water inlet

**ACCESSORY** 

**50917** 1/2" equipped pipe (e)

KERAX | COMPLETE KITS

31813 In-line water inlet 31713 Rear water inlet

**ACCESSORY** 

**50913** 1/2" equipped pipe **(f)** 

LAUFEN®

CAPRINO | COMPLETE KITS

COMO 31813 In-line water inlet 31713 Rear water inlet

**ACCESSORIES** 

50913 1/2" equipped pipe (a) 50930 3/4" equipped pipe (b) 46735 Junction nozzle (c) **PORCHER®** 

angled

2641 | COMPLETE KITS

APPLIQUE 31933 In-line water inlet 31930 Rear water inlet

**ACCESSORY** 

50908 1/2" equipped pipe (a)

2651 COMPLETE KIT

APPLIQUE 31936 In-line water inlet

**ACCESSORIES** 

50908 1/2" equipped pipe (b)90013 Corner wedge (c)

2690 | ACCESSORY

**50921** 1/2" equipped pipe (d)

2681 | COMPLETE KITS

AXIF 31813 In-line water inlet

31713 Rear water inlet

**ACCESSORIES** 

50913 1/2" equipped pipe (e)50930 3/4" equipped pipe (f)46735 Junction nozzle (g)

CONQUE | ACCESSORY

9870 / 9861 50943 Water effect (h)

MODERNE | ACCESSORY

**3981 50920** 1/2" equipped pipe (i)

MODERNE | ACCESSORY

**3980 / 6520 50922** 1/2" equipped pipe (j)

**STELLA 3940** 

**ROCA®** 

MURAL | COMPLETE KITS

31813 In-line water inlet 31713 Rear water inlet

ACCESSORIES

50913 1/2" equipped pipe (a) 50930 3/4" equipped pipe (b) 46530 Junction nozzle (c)

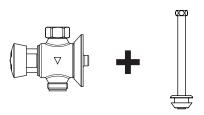
URITO | COMPLETE KITS

31813 In-line water inlet Rear water inlet

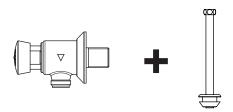
ACCESSORY

**50913** 1/2" equipped pipe (d)

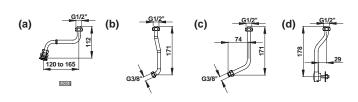
In-line water inlet kit



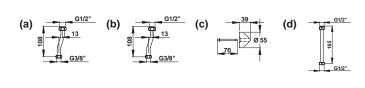
#### Rear water inlet kit

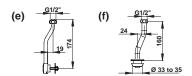


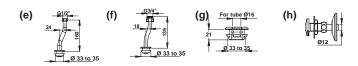
# JACOB DELAFON®

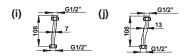


### PORCHER®

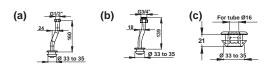




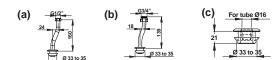




#### **LAUFEN®**



### **ROCA®**



**SELLES®** 

angled

8418 **COMPLETE KITS** 31947 In-line water inlet 31946 Rear water inlet **ACCESSORIES** 

50910 1/2" equipped pipe (a) 50942 Water effect (b)

8418 **COMPLETE KIT** 

31997 In-line water inlet

**ACCESSORIES** 

50925 1/2" equipped pipe (c) 90013 Corner wedge

8620 **COMPLETE KITS** 

MISTRAL 31813 In-line water inlet 31713 Rear water inlet

**ACCESSORIES** 

50913 1/2" equipped pipe (d) 50930 3/4" equipped pipe (e)

**EUROLINE COMPLETE KITS** 

31813 8645 In-line water inlet 31713 Rear water inlet

**ACCESSORY** 

50913 1/2" equipped pipe (f)

8218 **COMPLETE KITS** 

> 31993 In-line water inlet 31990 Rear water inlet

**ACCESSORY** 

50905 1/2" equipped pipe (g)

8218 **COMPLETE KIT** angled

31996 In-line water inlet

**ACCESSORIES** 

50915 1/2" equipped pipe (h) 90013 Corner wedge

**COMPLETE KITS** 8219

> 31973 In-line water inlet 31970 Rear water inlet

**ACCESSORY** 

50903 1/2" equipped pipe (i)

**COMPLETE KITS** 452

> 31833 In-line water inlet 31843 Rear water inlet

**ACCESSORY** 

50919 1/2" equipped pipe (j) **SPHINX®** 

**EUROBASE COMPLETE KITS** 

31813 75 ET 85 In-line water inlet **EUROPA 85** 31713 Rear water inlet

**ACCESSORIES** 

50913 1/2" equipped pipe (a)

50930 3/4" equipped pipe (b)

**VILLEROY ET BOCH®** 

**COMPLETE KITS** TARGA

PRO 50 MM 31813 In-line water inlet 31713 Rear water inlet

**ACCESSORIES** 

50913 1/2" equipped pipe (a)

50930 3/4" equipped pipe (b)

**COMPLETE KITS TARGA** 

PRO 56 MM 31838 In-line water inlet

> 31828 Rear water inlet

**ACCESSORIES** 

50961 1/2" equipped pipe (c)

50971 3/4" equipped pipe (d)

**TARGA COMPLETE KIT** 

PRO 7530 31937 In-line water inlet

LOSANGE **ACCESSORY** 

1/2" equipped pipe (e)

**COMPLETE KITS TARGA** 

31813 **ARCHITECT** In-line water inlet

> 31713 Rear water inlet

**ACCESSORY** 

50913 1/2" equipped pipe (f)

**COMPLETE KIT TROJA** 

> 31823 In-line water inlet

**ACCESSORIES** 

50916 1/2" equipped pipe (g)

90013 Corner wedge

**VITRA®** 

angled

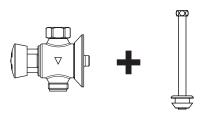
**ARCHITEK COMPLETE KITS** 

> In-line water inlet 31813 31713 Rear water inlet

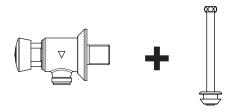
**ACCESSORY** 

50913 1/2" equipped pipe (a)

#### In-line water inlet kitt



#### Rear water inlet kit



# **SELLES®**





























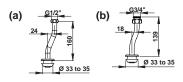








# **SPHINX®**



#### **VITRA®**



# URINAL AREA / READY-TO-INSTALL SELF-SUPPORTING MOUNTING FRAME



- Self-supporting : does not require a weight-bearing wall.
- Pre-fitted with SENSAO® hands-free operation, battery or mains powered: simplified mounting on construction site.
- Concealed pipes, no exposed drain outlet.
- Vandal-proof thanks to its reinforced metal structure.
- Compact: L 490mm, D 180mm.









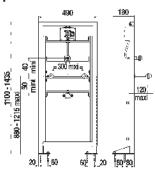






#### Mounting frame for battery powered SENSAO®





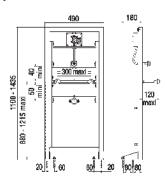
#### With SENSAO® sensor tap

18589 Ivory white finish 18590 Satin grey finish

The distance between the box and the intermediate front plate is 35 mm.

#### Mounting frame for mains powered SENSAO®





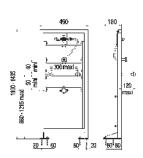
#### With SENSAO® sensor tap transformer not supplied

18591 Ivory white finish 18592 Satin grey finish

The distance between the box and the intermediate front plate is 35 mm.

#### Mounting frame for timed flow tap





#### With PRESTO 120 B

18564 Vandal-proof front plate

#### COMPLEMENTARY PRODUCTS



The "es	sentials"
230V A	C/ 12V AC transformer for DIN rail
90464	For 1 to 3 taps (18 VA)
90711	For 4 to 6 taps (35 VA)
90610	For 7 to 10 taps (75 VA)
90741	110 mm thick partition kit

	AC transformer in IP65 waterproof casing minal block and cable gland
90685	For 1 to 3 taps (18 VA)
90704	For 4 to 6 taps (35 VA)
90686	For 7 to 10 taps (75 VA)



- Non-turnable, non-removable control button.
- Mechanism behind the partition inaccessible to the user.
- Equipment completely built into the partition.
- Stops automatically after 6 sec.









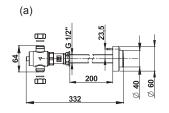






#### Complete ready-to-install kit







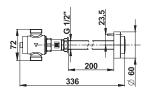


#### Cross-partition kit with PRESTO 12 for standard urinal

For partition thickness 15 to 200 mm (a) 31881 For partition thickness 200 to 300 mm

#### Complete ready-to-install kit





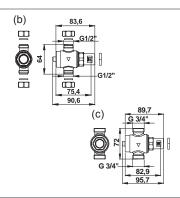


#### Cross-partition kit with PRESTO 60

15040 For partition thickness 15 to 200 mm 15041 For partition thickness 200 to 300 mm







#### PRESTO 12 TC tap (b)

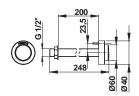
31120 Tap only

PRESTO 60 TC tap (c)

15120 Tap only

#### **Cross-partition control only**





#### **Cross-partition control only**

18735 For partition thickness 15 to 200 mm 18736 For partition thickness 200 to 300 mm



	PRODUCTS
l	tainless steel enser 1200 ml
	nted soap holder
	hand-drier
	nted soap holder

# URINAL AREA / MODULAR DETECTION FOR URINAL



- Ajustable self-closing time from 3 to 16 sec.
- Installation in partitions through 1 to 200 mm of thickness.
- Adjustable beam from 100 to 700 mm.
- User comfort, no hand contact, avoiding the spread of bacteria.





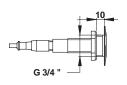






#### Sensor for urinal - Extra flat -



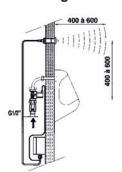


#### Transformer included

For partition thickness 1 to 10 mm 52463 52464 For partition thickness 10 to 50 mm 52465 For partition thickness 50 to 200 mm

#### Sensor for urinal - With front dismanting





#### Transformer included

52401 For partition thickness 1 to 200 mm

#### COMPLEMENTARY PRODUCTS



	90455	Solenoid valve for standard urinals	
ı	90324	Solenoid valve for siphonic action urinals	
	70630	Automatic soap dispenser	
	60358	Automatic hand-drier	



- Automatic operation (by infrared detection sensor) keeping the hygiene and comfort for public users.
- Self-closing and configurable timed flow.
- Flow can be ajusted thanks to the stop valve adjustment.
- Automatic flushing avoiding clogging of the ceramics and drains.
- Suitable for all types of urinals.

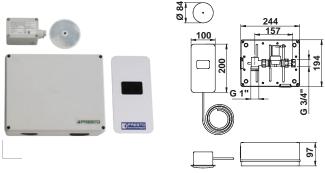






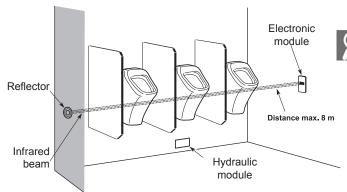


#### Complete electronic unit for sets of urinals



With 230V AC/12V DC - 10VA - IP65 safety transformer

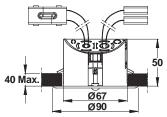
52914 For all types of urinal



Ajustable timed flow from 1 to 10 sec after the last user left.

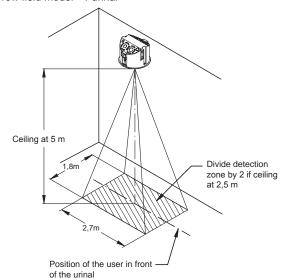
#### **Ceiling detection**





52453 Narrow field model - 1 urinal
52454 Large field model - 2 to 6 urinals

Narrow field model - 1 urinal





#### **CEILING DETECTION**

Pre-rinsing when the user enters the detection zone – can be deactivated (pre-washing time equal to half the rinsing time).

Rinsing (adjustable from 1 to 10 seconds) is activated 30 seconds after the user leaves.

The 30-second timer is reinitialised if a new user arrives during this period, with a maximum duration of 2 minutes after which rinsing is forced (during very busy periods).

If a new user arrives during the 20 seconds following rinsing, the pre-wash is cancelled.

#### COMPLEMENTARY PRODUCTS



60562	Pedal bin
60560	Hand-towel dispenser

#### Angled stop valve

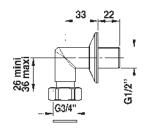


Chrome-plated angled connector with wall plate

#### Angled stop valve

**42520** Female inlet G 3/4", G 3/4" captive outlet and seal





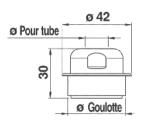
06219 MMG 1/2" (15 x 21) M G 3/4" (20 x 27)

**05201** MMG 1/2" (15 x 21)

06216 MMG 1/2" (15 x 21) G 3/4" nut (20 x 27)

#### Junction nozzle



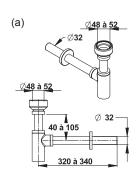


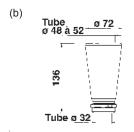
44915	For pipe 16 to 18 mm ext. diameter
	and 35 mm inlet without finishing rose
46732	For pipe 18 mm ext. diameter and 32 mm inlet
46535	For pipe 14 mm ext. diameter and 35 mm inlet
46540	For pipe 14 mm ext. diameter and 40 mm inlet
46735	For pipe 16 to 18 mm ext. diameter and

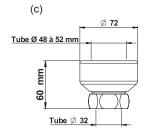
35 mm inlet with chrome-plated finishing ros

#### Siphon for urinal









Angled for outlet Ø 48 to 52 mm
Chrome-plated brass (a)
Straight for outlet Ø 48 to 52 mm
Chrome-plated brass (b)
Siphon connector
Outlet via nut 1" 1/4 (33x42) (c)

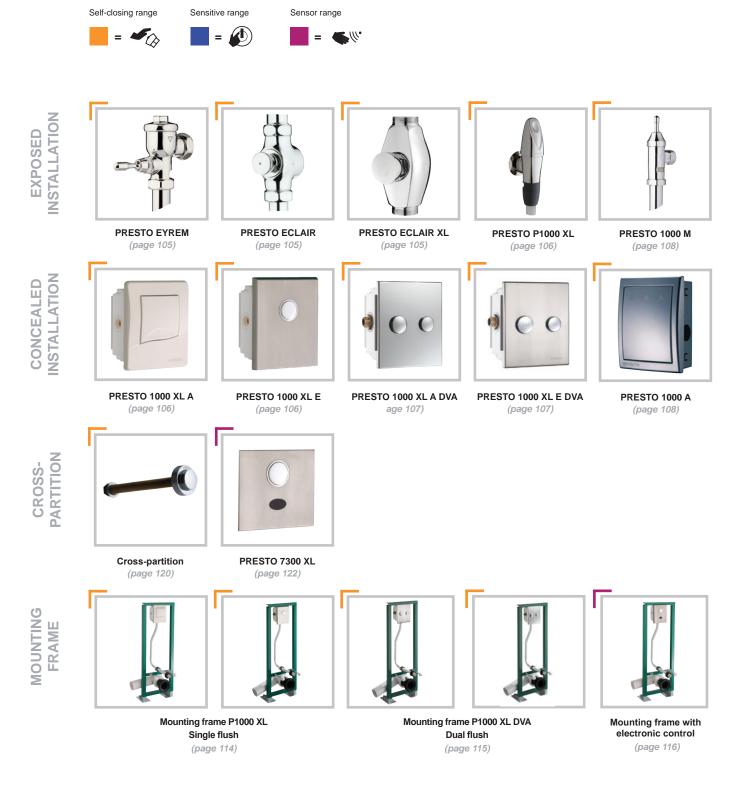


# FLUSH VALVE

SELF-CLOSING FLUSH VALVES	104
COMPLETE READY-TO-INSTALL KITS EXPOSED TAP CONCEALED TAP	104 105 106
SENSOR FLUSH VALVES	109
CONCEALED FLUSH VALVE PRESTO 7000 XL	109
SINK SPRAYER	110
ACCESSORIES	111
COMPRESSED AIR STORAGE BOTTLE JUNCTION NOZZLES PIPE CONNECTORS, STOP VALVES WALL PLATES, CLAMPS	111 112 113 113
SELF-SUPPORTING MOUNTING FRAME	114
SELF-SUPPORTING INIOUNTING FRANCE	114
FOR DIRECT FLUSH FOR DIRECT FLUSH WITH ELECTRONIC CONTROL WITH CISTERN AND PNEUMATIC CONTROL WITH CISTERN AND DUAL FLUSH CONTROL WITH CISTERN AND SINGLE FLUSH CONTROL WITH CISTERN AND DUAL FLUSH CONTROL PRESTO TERTIO	114 116 117 118 118
FOR DIRECT FLUSH FOR DIRECT FLUSH WITH ELECTRONIC CONTROL WITH CISTERN AND PNEUMATIC CONTROL WITH CISTERN AND DUAL FLUSH CONTROL WITH CISTERN AND SINGLE FLUSH CONTROL WITH CISTERN AND DUAL FLUSH CONTROL	114 116 117 118 118
FOR DIRECT FLUSH FOR DIRECT FLUSH WITH ELECTRONIC CONTROL WITH CISTERN AND PNEUMATIC CONTROL WITH CISTERN AND DUAL FLUSH CONTROL WITH CISTERN AND SINGLE FLUSH CONTROL WITH CISTERN AND DUAL FLUSH CONTROL PRESTO TERTIO	114 116 117 118 118
FOR DIRECT FLUSH FOR DIRECT FLUSH WITH ELECTRONIC CONTROL WITH CISTERN AND PNEUMATIC CONTROL WITH CISTERN AND DUAL FLUSH CONTROL WITH CISTERN AND SINGLE FLUSH CONTROL WITH CISTERN AND DUAL FLUSH CONTROL PRESTO TERTIO  CROSS-PARTITION CONTROL ONLY WITH SELF-CLOSING TAP	114 116 117 118 118 119 120

100









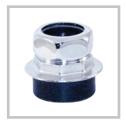
PRESTO 1000 E (page 108)

PRESTO 7000 XL (page 109)





COMPRESSED AIR STORAGE BOTTLES (page 111)



JUNCTION NOZZLE (page 112)



PIPE (page 112)

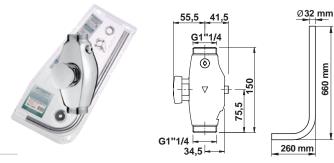


CONNECTORS (page 113)



- Complete ready-to-install kit.
- **Direct flush effectiveness:** the flush is created directly by water network pressure which is more powerful, guarantees optimal hygiene and simplified maintenance.
- Unrivalled long-term service life of the mechanism, with patented timed flow system.

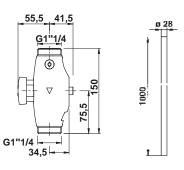
#### Flush kit n° 1 - For standard toilet bowl



With PRESTO ECLAIR XL
with integrated stop valve
Supply connector
Curved chrome-plated flush pipe
Fixing clamp
Junction nozzle Ø 28 to 32 mm

Flush kit n° 2 - For slop sink

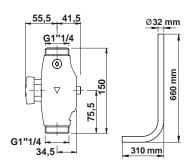




13938 With PRESTO ECLAIR XL
with integrated stop valve
Supply connector
Straight chrome-plated flush pipe
Fixing clamp
Junction nozzle Ø 28 to 32 mm

Flush kit n°3 - For standard toilet bowl

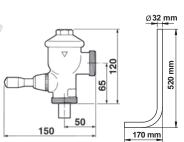




13937 With PRESTO ECLAIR XL
Supply connector
PVC curved flush pipe
Fixing clamp
Junction nozzle Ø 28 to 32 mm

Flush kit n°4

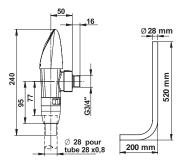




12916 With PRESTO EYREM
Straight stop valve
Supply connector
Curved chrome-plated flush pipe
Fixing clamp
Junction nozzle Ø 28 to 32 mm

Flush kit n°5 - For standard or child toilet bowl





14914 With PRESTO 1000 XL
with integrated stop valve
Curved chrome-plated flush pipe
Fixing clamp
Junction nozzle Ø 28 to 32 mm



- Flexibility and ease of use. Flush always available (no cistern, no filling time).
- Effectiveness of the direct flush: the flush is created directly by water network pressure which is more powerful, guarantees optimal hygiene and simplified maintenance.
- Unrivalled long-term service life of the mechanism, with patented timer system.





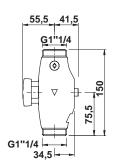






#### PRESTO Eclair XL



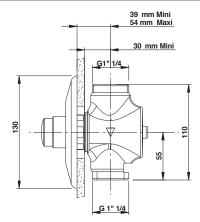


#### In-line exposed flush valve

13011 Without stop valve	
13012	With integrated stop valve
13016	With large ergonomic contro
	and integrated stop valve

#### **PRESTO Eclair Built**



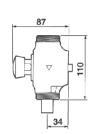


#### In-line concealed flush valve

13918 Without stop valve

#### **PRESTO Eclair**



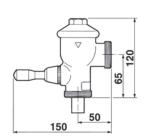


#### In-line exposed flush valve

13001 For standard toilet bowls, squat toilets and slop sinks.

#### **PRESTO Eyrem**





#### Rear-inlet exposed exposed flush valve

12011	Lever control
	Male inlet and outlet 1" 1/4



Interchangeable heads	
01250	Head for PRESTO ECLAIR XL
01144	Head for PRESTO ECLAIR H

70637	Automatic hand-drier
60360	Automatic hand-drier



- Easy to activate: adapted to all types of user: children, the elderly, people with reduced mobility.
- Constant flow rate of 11/s at different pressure levels between 1 to 4 bars.
- Adjustable volume from 6 to 9 L (factory-set to 6 L).
- Effectiveness of the direct flush: the flush is created directly by water network pressure which is more powerful, guarantees optimal hygiene and simplified maintenance.
- Patented anti-blocking «S» system preventing the tap to be blocked in open position to avoid continued water flow (concealed model only).



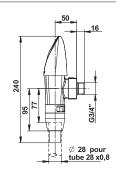






#### PRESTO 1000 XL





#### **Exposed flush valve**

14201 With integrated stop valve
14200 Without stop valve

#### Exposed eco flush valve - 4L

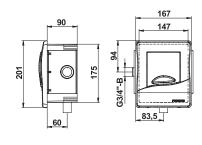
14211 With integrated stop valve



Mounting in-line or rear water supply possible.

#### PRESTO 1000 XL A



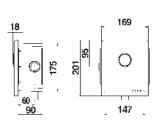


#### Concealed flush valve

14250 With stylish design of front plate

#### PRESTO 1000 XL E





#### Concealed flush valve

14251 With vandal-proof front plate

#### COMPLEMENTARY PRODUCTS



Angled 135° rail ø 25 mm				
60323	60323 400 x 400 mm - 3 anchor points			
60321	60321 400 x 400 mm - 3 anchor points			
Angled 135° rail ø 34 mm				
60581	400 x 400 mm - 3 anchor points			

Angled	135° rail ø 32 mm
60324	400 x 400 mm - 3 anchor point

400 x 400 mm - 3 anchor points

60529



- Adjustable volumes dual flush valve: from 6 to 9L for the full flush and from 2.5 to 5L for the low flush.
- Adjustable timed flow.
- Constant flow rate of 1l/s at different pressure levels between 1 to 4 bars
- Patented anti-blocking «S» system to avoid the water to flow continuously.
- Effectiveness of the direct flush: the flush is created directly by water network pressure which is more powerful than classical cistern flush.







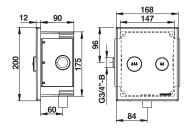






#### PRESTO 1000 XL E DVA

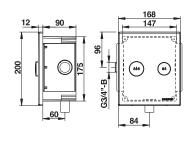




14300 Adjustable dual flush with brushed chrome-plated front plate

PRESTO 1000 XL A DVA





14301 Adjustable dual flush
With Bright chrome-plated front plate



#### Advantage:

Single flush valve models P1000 XL A and P1000 XL E can be upgraded to dual flush valve by simply changing to a dual-volume front plate.

90079 Chrome-plated front panel P1000 XLA
Dual flush with adjustable volumes

90080 Brushed front panel P1000 XL E
Dual flush with adjustable volumes



47270	Ø 28 mm right-angled pipe, chrome-plated brass
44902	Junction nozzles for Ø 28 mm to 32 mm pipes
60358	Automatic hand-drier



- Flexibility and ease of use. No cistern, no filling time, the flush is always available by direct flush.
- Constant flush time of 7-9 sec.
- Vandal-proof design.
- Operated by simply moving the multi-directional lever: adapted for children, elderly and disable people.
- Effectiveness of the direct flush: the flush is created directly by water network pressure which is more powerful than classical cistern flush.



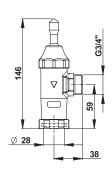






#### PRESTO 1000 M



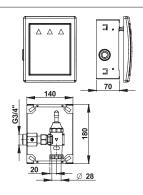


#### **Exposed flush valve**

**14109** M 3/4" – Supplied with supply connector with compression gasket for pipe Ø 28 mm

PRESTO 1000 A



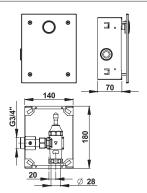


#### Complete concealed flush valve

14920 With front plate control
90269 Fixing unit for P1000 A
for cross partition installation

#### PRESTO 1000 E





#### Complete concealed flush valve

14906 With push-button control
90043 Fixing unit for P1000 E
for cross partition installation



	COM LEMENT HODGOTO		
90044 Front plate for stainless steel P 1000 E		Front plate for stainless steel P 1000 E + 4 screws	
ı	90546	Front plate for P1000 A	
	60632	Wall-mounted soap dispenser	
	70632	Wall-mounted soap dispenser	
	60359	Automatic hand-drier	



- Automatic hands-free operation guarantees perfect hygiene and avoids the transmission of germs on the hands.
- The user is taken into account after 15 seconds: no inadvertent activation.
- Flush volume adjustable between 6 and 9 litres.
- Manual by-pass button (shall be functional in case of power failure).
- Effectiveness of the direct flush: the flush is created directly by water network pressure which is more powerful, guarantees optimal hygiene.





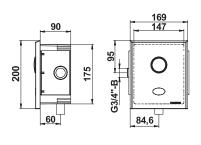






#### PRESTO 7100 XL-



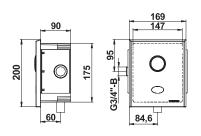


Complete concealed flush valve

55500 Mains powered - transformer not supplied

#### PRESTO 7200 XL





Complete concealed flush valve

55501 Battery powered



#### **PROGRAMMING**

The valve disposes of 4 programmes (pre-set on programme N°1).

PROG.	SUPPLIED VOLUME	DETECTION RANGE
N°1	9 L	Normal (about 900 mm)
N°2	6 L	Normal (about 900 mm)
N°3	9 L	Short (about 700 mm)
N°4	6 L	Short (about 700 mm)

#### COMPLEMENTARY PRODUCTS



230/12VAC transformer in IP65 waterproof casing with terminal block and cable gland
90685 For 1 to 3 taps (18 VA)

**90704** For 4 to 6 taps **90686** For 7 to 10 taps

230V AC/ 12V AC transformer for DIN rail		
90464	For 1 to 3 taps (18 VA)	
90711	For 4 to 6 taps (35 VA)	
90610	For 7 to 10 taps (75 VA)	



- Water turned on and off on the spray head.
- High resistance to disinfection.
- Ergonomic, easy-to-grip spray.
- SRIPS approved disconnector to protect the network from the risk of polluted water backflow.
- Flexible cable 100cm long with swivel nut avoiding twisting.





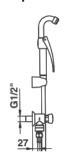






#### Sink sprayer with P12A timed flow tap



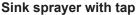


Hand spray 120° with lever

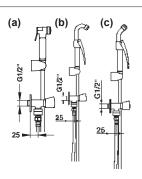
39212 White epoxy finish

Hand spray 45° with lever

39211 White epoxy finish







Hand spray with push-button (a)

39213 Chrome-plated brass

Hand spray 120° with lever (b)

39210 Chrome-plated brass

Hand spray 45° with lever (c) 39209 Chrome-plated brass

Hand spray with nose





(d)

Hand shower with 1m hose

39207 Push-button hand shower (d)
39205 Spray with 120° lever

39204 Spray with 45° lever



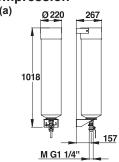
ı	90636	Holder for push-button hand-held shower
ı	90639	Holder for hand-held shower with lever
	90640	45° hand-held shower



- The PRESTO® compressed air storage bottle allows a volume of water to be stored near the flush valve. When loading, the water compresses the air until a balance of pressure is reached. When operated, the air expands and forces the water in the bottle towards the flush valve. Maximum operating pressure: 8 bars.
- Anti-blocking flow system. Stop valve with drain cock.

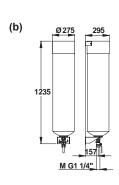
#### Water storage bottle by air compression



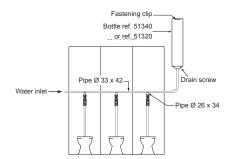


51320 25 liter model h = 850 mm Ø 200 mm (a)





51340 50 liter model h = 1550 mm Ø 250 mm (b)





#### **FUNCTION**

Insufficient flow rate due to the small diameter of the piping. Very high pressure loss due to the length of the piping. Existing network too weak to support the new hydraulic loads resulting from the extension of the installation.

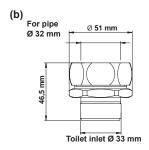
Pressure	Volume of water available	
	Ref. 51320	Ref. 51340
0.5 bar	7 liters	15 liters
1	10 liters	22.5 liters
2	14 liters	30 liters
3	15 liters	33.75 liters
4	16 liters	36 liters
5	17 liters	37.5 liters

#### Junction nozzle









Chrome	ed junction nozzle for pipe Ø 28 mm
45433	Ø of the inlet 33 to 34 mm (a)
45435	Ø of the inlet 35 to 36 mm
45437	Ø of the inlet 37 to 39 mm
45440	Ø of the inlet 40 to 41 mm
44242	Ø of the inlet 42 to 44 mm
44245	Ø of the inlet 45 to 46 mm
44247	Ø of the inlet 47 to 49 mm
44250	Ø of the inlet 50 to 52 mm
44253	Ø of the inlet 53 to 54 mm
44255	Ø of the inlet 55 to 57 mm
44258	Ø of the inlet 58 to 60 mm
Chrome	ed junction nozzle for pipe Ø 32 mm
45033	Ø of the inlet 33 to 34 mm (b)
45035	Ø of the inlet 35 to 36 mm
45037	Ø of the inlet 37 to 39 mm
45040	Ø of the inlet 40 to 41 mm
44042	Ø of the inlet 42 to 44 mm

 44053
 Ø of the inlet 53 to 54 mm

 44055
 Ø of the inlet 55 to 57 mm

 44058
 Ø of the inlet 58 to 60 mm

 Rubber junction nozzle for pipe Ø 28 to 32 mm

Ø of the inlet 45 to 46 mm

Ø of the inlet 47 to 49 mm

Ø of the inlet 50 to 52 mm

44045

44047

44050

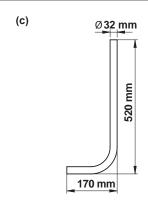
 44900
 Ø of the inlet 48 mm

 44902
 Ø of the inlet 48 to 50 mm

 44903
 Ø of the inlet 55 mm

#### **Pipe**





Goulotte ∅55

# PIPE FOR VALVE ECLAIR / ECLAIR XL / EYREM Pipe for concealed mounting Ø 32 mm

i ipe ioi	Concealed inculting & 32 inin
48909	Chrome-plated brass
Curved	pipe Ø 32 mm
47040	52 x 17 cm - Chrome-plated brass (c)
47020	66 x 26 cm - Chrome-plated brass
47730	66 x 31 cm - PVC
47865	3 parts self-assembly
47938	100 x 26 cm Chrome-plated brass
Pipe Ø	32 mm for squat toilet
49040	Straight - 100 cm - Chrome-plated brass
49050	Straight with carp tail - 100 cm
	Chrome-plated brass

Pipe Ø 32 mm for slop sink

48020 Offset - 50 cm - Chrome-plated brass

49020 Straight - 50 cm - Chrome-plated brass

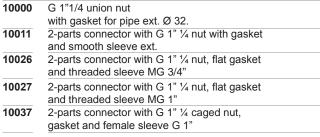
47871	Double bend pipe for PRESTO 1000 E & A
+/0/1	Double bend pipe for I NESTO 1000 E & A
Tube co	oudé Ø 28 mm
47870	52 x 20 cm - PVC
47270	52 x 20 cm - Chrome-plated brass
47850	In 4 gluable parts (d)
Tube Ø	28 mm for concealed mounting
48908	Chrome-plated brass
Pipe Ø	28 mm offset
49360	With carp tail - 100 cm
Pipe Ø	28 mm for squat toilet
47965	Curved - 100 x 26 cm Chrome-plated brass
49340	Straight - 100 cm - Chrome-plated brass
49350	Straight with carp tail - 100 cm -
	Chrome-plated brass
Pipe Ø	28 mm for slop sink
48320	Offset - 50 cm Chrome-plated brass

#### Connector - Stop valve PRESTO ECLAIR / ECLAIR XL / EYREM









# Supply connector for PRESTO ECLAIR - ECLAIR XL - EYREM

**10400** G 1" ¼ union nut with compression gasket for pipe ext. Ø 32.

Supply connector for PRESTO ECLAIR - EYREM

#### Straight stop valve PRESTO ECLAIR - EYREM

41010 G 1/4" captive nut and gasket inlet connector G 1" female inle
41000 G 1/4" captive nut and gasket inlet connector

G 1" male inlet

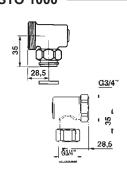
#### Angled stop valve PRESTO ECLAIR - EYREM

42010 G 1/4" captive nut and gasket inlet connector G 1" female inlet
 42000 G 1/4" captive nut and gasket inlet connector

G 1" ¼ male inlet

#### Connector - Stop valve PRESTO 1000





#### Supply connector PRESTO 1000

**10600** G 3/4" union nut with compression gasket for pipe Ø 28

#### Angled stop valve

**42530** G 3/4" captive nut and gasket inlet connector - G 1" male inlet"

#### Angled stop valve

**42520** G 3/4" captive nut and gasket inlet connector G 3/4" female inlet

#### Rose







#### Compensation wall plate PRESTO ECLAIR

40013 Compensation 15 mm Ø 85 mm

40012 Compensation 8 mm Ø 73 mm

#### Rosace For pipe encastré

40908 Ø 32 mm for PRESTO ECLAIR
- ECLAIR XL - EYREM

#### Clamps







#### Clamp with rubber buffer and rose

**47007** for pipe Ø 28 mm **47003** For pipe Ø 32 mm

#### Clamp and rose (without buffer)

**47008** For pipe Ø 28 mm **47004** For pipe Ø 32 mm

# FLUSH AREA / SELF SUPPORTING MOUNTING FRAME FOR DIRECT FLUSH



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Easy cleaning of the suspended toilet bowl.
- Direct flush adapted to collective facilities, eliminates the disadvantages of cisterns (no filling time, reduce the risk of leak).
- Reinforced metal structure / Height adjustable.





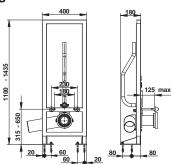






#### Self-supporting mounting frame



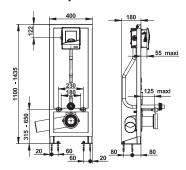


18552 Pre-fitted for a flush valve and

a toilet bowl

#### Mounting frame with push control plate



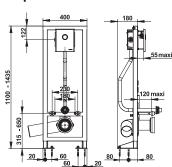


Pre-fitted with P1000 XL A

18546 Ivory white finish - S® anti-blocking system

#### Mounting frame with vandal-proof control





Pre-fitted with P1000 XL E

18547 Stainless steel front plate - S® anti-blocking system



#### Advantage:

The sefl-supporting mouting frames equipped with single-flush valve models P1000 XL A/E can beupgraded to dual flush by simply changing to a dual-flush front plate.

90079	Chrome-plated front panel P1000 XL A
	Dual flush with adjustable volumes
90080	Chrome-plated front plate P1000 XL E
	dual flush with adjustable volumes



90741	Mounting kit for 56 to 145 mm partitions
14231	Front plate only P1000 XLA (with trigger)
14233	Front plate only P1000 XL E (with trigger)

# FLUSH AREA / SELF SUPPORTING MOUNTING FRAME FOR DIRECT FLUSH



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- **Pre-fitted with PRESTO 1000 XL DVA**, direct dual flush with adjustable volumes from 6 to 9L for the large flush and 2.5 to 5 L for the small flush.
- Constant flow rate of 1l/s at different pressure levels between 1 to 4 bars.
- Direct flush adapted to collective facilities, eliminates the disadvantages of cisterns.







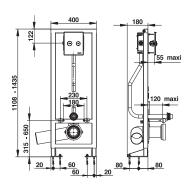








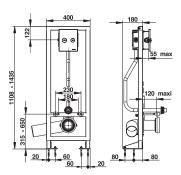




18460 Brushed chrome-plated finish front plate, finger print resistant

#### Mounting frame P1000 XL A dual flush





18461 Bright polished chrome-plated front plate finish



# FLUSH AREA / SELF SUPPORTING MOUNTING FRAME FOR DIRECT FLUSH



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Pre-fitted mounting frame for simplified on the construction site.
- Hands-free operation: avoids the spread of bacteria.
- Manual by-pass button (shall be functional in case of power failure).







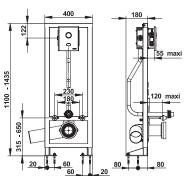






#### Mounting frame for direct flush and sensor flush valve





# Pre-fitted with P7200 XL or P7100 XL with sensor cell and by-pass button

 $S^{\circledast}$  system preventing the system becoming jammed with the water flowing continuously and guaranteeing complete flushing.

18548	Battery powered
18549	Mains powered - transformer not supplied



	/ 12V AC transformer in IP65 waterproof case with block and cable gland
90685	For 1 to 3 taps (18 VA)
90704	For 4 to 6 taps (35 VA)
90686	For 7 to 10 taps (75 VA)

230V A	C/ 12V AC transformer for DIN rail
90464	For 1 to 3 taps (18 VA)
90711	For 4 to 6 taps (35 VA)
90610	For 7 to 10 taps (75 VA)

# FLUSH AREA / SELF-SUPPORTING MOUNTING FRAME WITH CISTERN



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Cistern with dual flush: 3 and 6 L.
- Undeformable thanks to the reinforced metal structure. Height adjustable legs.
- The pneumatic controls can be mounted in lateral position.

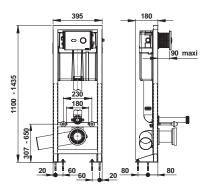






#### Mounting frame for cistern and sensor flush valve



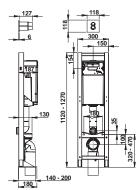


With sensor cell and push-button

18586 Battery powered

#### Self-supporting mounting frame with cistern and pneumatic dual flush control





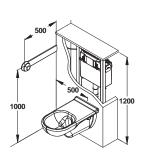
18606 White finish

18607 Bright chrome-plated finish

18608 Matt chrome-plated finish

#### Self-supporting mounting frame with cistern and pneumatic lateral control





18605 Exposed lateral control, single flush, white finish



Provide a hatch (not supplied) for maintenance access.



Angled	135° Ø25 mm rail
60323	304 grade brushed stainless steel finish
60321	Steel with white epoxy finish
60579	Chrome-plated stainless steel 220 x 220 mm
60580	Chrome-plated stainless steel 400 x 400 mm

# FLUSH AREA / SELF-SUPPORTING MOUNTING FRAME WITH CISTERN



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Cistern with dual flush: 3L and 6L.
- Easy cleaning of the suspended toilet bowl.
- Undeformable thanks to the reinforced metal structure.

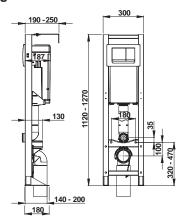






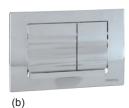
#### Self-supporting mounting frame with cistern and dual flush control





18593	With white ABS front plate (a)
18594	With bright chrome-plated ABS front plate (b)
18595	With matt chrome-plated ABS front plate (c)
18596	With bright chrome-plated metal front plate (d)
18597	With matt chrome-plated metal front plate (e)





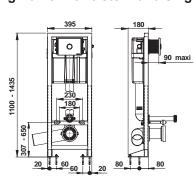






#### Self-supporting mounting frame with cistern and single flush control





18585 With stainless steel front plate



OOM L	COMIT LEMENT AND THE CONTROL OF THE	
Straight	t chrome-plated 201 grade stainless steel rail	
60575	300 mm	
60576	400 mm	
60577	500 mm	
60578	600 mm	

# FLUSH AREA / SELF-SUPPORTING MOUNTING FRAME WITH CISTERN



- Self supporting mounting frame does not require a weight-bearing wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled (see page 180).
- Cistern with dual flush: 3L and 6L.
- Easy cleaning of the suspended toilet bowl.
- Undeformable thanks to the reinforced metal structure.
- Height adjustable legs.

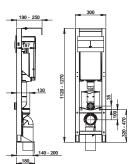




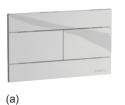


#### Self-supporting mounting frame with cistern and dual flush control PRESTO Tertio





18598	With white Tertio front plate (a)
18599	With bright chrome-plated Tertio front plate (b)
18600	With matt chrome-plated Tertio front plate (c)
18601	With matt black Tertio front plate (d)
18602	With bright chrome-plated/matt
	black Tertio front plate (e)
18604	With bright matt chrome-plated /
	Tertio front plate (f)













(d)

(e)

(b)

(f)

(c)



COM LEMENTALL RODGER			
	Straight	chrome-plated 201 grade stainless steel rail	
	60575	300 mm	
1	60576	400 mm	
	60577	500 mm	
	60578	600 mm	

	owered automatic hand-drier ivelling nozzle
60360	White epoxy finish
60359	Bright polished stainless steel

# FLUSH AREA / CROSS-PARTITION CONTROL FOR DIRECT FLUSH



- Stops automatically after 7 sec.
- Vandal-proof design with non-turnable, non-removable control button.
- Easy to operate, adapted to children, the elderly and the disabled.
- Patented mechanism: mechanical self-closing taps are equipped with a wear resistant calibrated synthetic ruby, self cleaning by the stainless steel needle, guaranteering a constant timed flow.





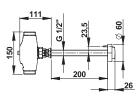






#### Complete ready-to-install kit







#### PRESTO ECLAIR XL cross-partition kit

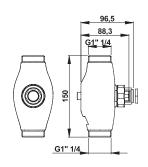
The kit includes:

- 1 PRESTO Eclair XL flush valve ref. 13070
- 1 cross-partition control
- 1 PVC curved pipe in 3 parts ref. 47865
- 1 spud gasket ref 44903
- 1 outlet connector ref. 10400
- 1 stop valve G 1" 1/4 with drain

13060 For partition thickness 1 to 200 mm
13061 For partition thickness 200 to 300 mm

#### Compose your own kit





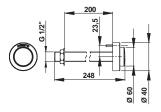
FLUSH VALVE ONLY TC

PRESTO ECLAIR XL cross-partition flush valve

13070 Raw finish

#### **Cross-partition control only**





#### For ECLAIR XL

18735 For partition thickness 1 to 200 mm

18736 For partition thickness 200 to 300 mm



60632	Wall-mounted soap dispenser 800 ml
60353	Wall-mounted soap holder
60359 Automatic hand-drier	

# FLUSH AREA / CROSS-PARTITION CONTROL FOR DIRECT FLUSH



- Automatically stops after an adjustable flow time from 5.5 to 8 sec.
- Vandal-proof with non-turnable, non-removable control button.
- Mechanism behind the partition inaccessible to the user.
- Flush volume adjustable from 6 to 9 L.
- Easy to operate adapted to children, the elderly and the disabled.





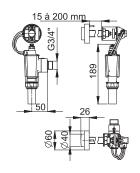






#### Kit complet prêt à poser







 $S^{\circ}$  system preventing the system becoming jammed with the water flowing continuously and guaranteeing complete flushing.

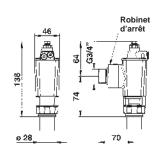
#### Complete ready-to-install kit

- 1 PRESTO 1000 XL with integrated stop valve
- 1 Cross-partition control PVC curved pipe in 3 parts ref. 47850
- 1 junction nozzle

14260	For partition thickness 15 to 200 mm
14261	For partition thickness 200 to 300 mm

#### Build your own kit



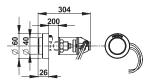


#### Flush valve with S® anti-blocking system

14220 PRESTO 1000 XLTC with integrated stop valve

#### **Cross-partition control only**







For partition thickness > 300 mm: consult us.

#### Cross-partition control only

18740 For partition thickness 1 to 200 mm
For partition thickness 200 to 300 mm





Tip

This solution allows the flush button to be moved to the side wall to make it easier to press for persons with reduced mobility.



l	60556	Automatic hand-drier
l	60553	Toilet paper dispenser (reel)
	60550	Toilet brush holder

# FLUSH AREA / PRESTO® 7300 XL FOR FLUSH



- Flush volume adjustable from 6 to 9 litres.
- Automatic flushing avoiding clogging of the ceramics and drains.
- Automatic or manual operation: the user is taken into account after 15 seconds.





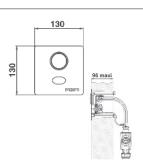






#### PRESTO 7300 XL





#### Sensor flush valve

55514 2 V model - transformer not included



#### **PROGRAMMING**

The valve disposes of 4 programmes (pre-set on programme N°1).

PROG.	SUPPLIED VOLUME	DETECTION RANGE
N°1	9 L	Normal (about 900 mm)
N°2	6 L	Normal (about 900 mm)
N°3	9 L	Short (about 700 mm)
N°4	6 L	Short (about 700 mm)



The "essentials"		
230V AC	C/ 12V AC transformer for DIN rail	
90464	For 1 to 3 taps (18 VA)	
90711	For 4 to 6 taps (35 VA)	
90610	For 7 to 10 taps (75 VA)	

230/12VAC transformer in IP65 waterproof casing with terminal block and cable gland		
90685	For 1 to 3 taps (18 VA)	
90704	For 4 to 6 taps (35 VA)	
90686	For 7 to 10 taps (75 VA)	



# Aesthetic

The PRESTO® self-supporting mounting frames provide plenty of flexibility in sanitary installation layouts. They offer the solution for hygiene and attractive appearance and fulfil the institutional needs: easy cleaning, no visible pipes or drains, aesthetic, vandal resistant and reliability.



# MOUNTING FRAME **SELF-SUPPORTING MOUNTING FRAME** 126 FOR FLUSH VALVE: DIRECT FLUSH VALVE 126 129 CISTERN FLUSH VALVE FOR WASHBASIN FOR URINAL



# MOUNTING FRAME AREA / SELF SUPPORTING MOUNTING FRAME FOR DIRECT FLUSH



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Easy cleaning of the suspended toilet bowl.
- Direct flush adapted to collective facilities, eliminates the disadvantages of cisterns (no filling time, reduce the risk of leak).
- Reinforced metal structure / Height adjustable.





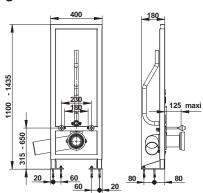






#### Self-supporting mounting frame

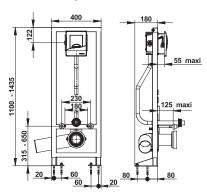




18552 Pre-fitted for a flush valve and a toilet bowl

#### Mounting frame with push control plate



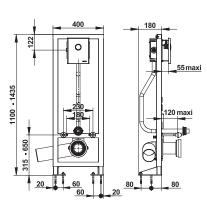


Pre-fitted with P1000 XL A

18546 Ivory white finish - S® anti-blocking system

#### Mounting frame with vandal-proof control





Pre-fitted with P1000 XL E

18547 Stainless steel front plate - S® anti-blocking system



#### Advantage:

The self-supporting mouting frames equipped with single-flush valve models P1000 XL A/E can beupgraded to dual flush by simply changing to a dual-flush front plate.

90079	Chrome-plated front panel P1000 XLA
	Dual flush with adjustable volumes

90080 Chrome-plated front plate P1000 XL E dual flush with adjustable volumes



90741	Assembly kit for partitions thickness 56 to 145 mm	
Angle grab bar 135° Ø 25 mm		
60323	Brushed stainless steel 304	
60321	Steel white epoxy finish	

14231	Front plate for P1000 XLA (with trigger)
14233	Front plate for P1000 XL E (with trigger)



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- **Pre-fitted with PRESTO 1000 XL DVA**, direct dual flush with adjustable volumes from 6 to 9 L for the large flush and 2.5 to 5 L for the small flush.
- Constant flow rate of 1l/s at different pressure levels between 1 to 4 bars.
- Direct flush adapted to collective facilities, eliminates the disadvantages of cisterns









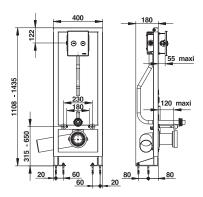






#### Mounting frame P1000 XL E dual flush







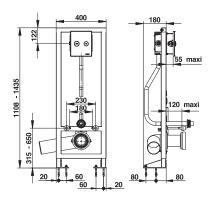
S system, preventing the tap being jammed with the water flowing.

18460

Brushed chrome-plated finish front plate, finger print resistant

#### Mounting frame P1000 XL A dual flush







S system, preventing the tap being jammed with the water flowing.

18461

Bright polished chrome-plated front plate finish



# MOUNTING FRAME AREA / SELF SUPPORTING MOUNTING FRAME FOR DIRECT FLUSH



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Pre-fitted mounting frame for simplified on the construction site.
- Hands-free operation: avoids the spread of bacteria.
- Manual by-pass button (shall be functional in case of power failure).







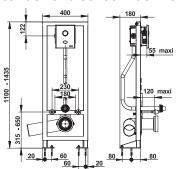






#### Mounting frame for direct flush and sensor flush valve





# Pre-fitted with P7200 XL or P7100 XL with sensor cell and by-pass button

 $S^{\circledast}$  system preventing the system becoming jammed with the water flowing continuously and guaranteeing complete flushing.

18548	Battery	powered
	Dattory	pomoroa

18549 Mains powered - (transformer not supplied)



The «es	sentials»
	c/ 12V AC transformer in IP65 waterproof case with block and cable gland
90685	For 1 to 3 taps (18 VA)
90704	For 4 to 6 taps (35 VA)
90686	For 7 to 10 taps (75 VA)

230V AC/ 12V AC transformer for DIN rail			
90464	For 1 to 3 taps (18 VA)		
90711	For 4 to 6 taps (35 VA)		
90610	For 7 to 10 taps (75 VA)		



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Cistern with dual flush: 3 and 6 L.
- Undeformable thanks to the reinforced metal structure. Height adjustable legs.
- The pneumatic controls can be mounted in lateral position.

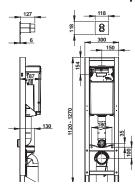






#### Self-supporting mounting frame with cistern and pneumatic dual flush control

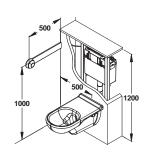




18606	White finish
18607	Bright chrome-plated finish
18608	Matt chrome-plated finish

#### Self-supporting mounting frame with cistern and pneumatic lateral control





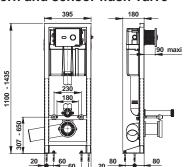
18605 Exposed lateral control, single flush, white finish



Provide a hatch (not supplied) for maintenance access.

#### Mounting frame for cistern and sensor flush valve





With sensor cell and push-button

18586 Battery powered



Angled 135° Ø25 mm rail	
<b>60323</b> 304	grade brushed stainless steel finish
<b>60321</b> Stee	el with white epoxy finish
<b>60579</b> Chr	ome-plated stainless steel 220 x 220 mm
<b>60580</b> Chr	ome-plated stainless steel 400 x 400 mm

18625	White pneumatic control plate
18626	Bright chrome-plated pneumatic control plate
18627	Matt chrome-plated pneumatic control plate

# MOUNTING FRAME AREA / SELF-SUPPORTING MOUNTING FRAME WITH CISTERN



- Self supporting mounting frame does not require a solid wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled.
- Cistern with dual flush: 3L and 6L.
- Easy cleaning of the suspended toilet bowl.
- **Undeformable** thanks to the reinforced metal structure.

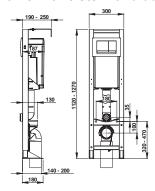






#### Self-supporting mounting frame with cistern and dual flush control





18593	With white ABS front plate (a)
18594	With bright chrome-plated ABS front plate (b)
18595	With matt chrome-plated ABS front plate (c)
18596	With bright chrome-plated metal front plate (d)
18597	With matt chrome-plated metal front plate (e)





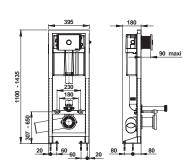






#### Self-supporting mounting frame with cistern and single flush control





18585 With stainless steel front plate



COMI ELMENTARY I RODGOTO			
Straight	Straight chrome-plated 201 grade stainless steel rail		
60575	300 mm		
60576	400 mm		
60577	500 mm		
60578	600 mm		



- Self supporting mounting frame does not require a weight-bearing wall. Wall anchorings in cases where floors are not sufficiently dense and for extended toilet bowls for the disabled (see page 180).
- Cistern with dual flush: 3L and 6L.
- Easy cleaning of the suspended toilet bowl.
- Undeformable thanks to the reinforced metal structure.
- Height adjustable legs.

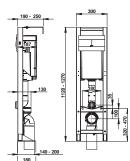




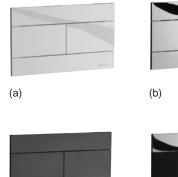


#### Self-supporting mounting frame with cistern and dual flush control PRESTO Tertio



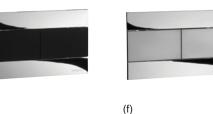


18598	With white Tertio front plate (a)
18599	With bright chrome-plated Tertio front plate (b)
18600	With matt chrome-plated Tertio front plate (c)
18601	With matt black Tertio front plate (d)
18602	With bright chrome-plated/matt
	black Tertio front plate (e)
18604	With bright matt chrome-plated /
	Tertio front plate (f)



(e)





(c)

#### COMPLEMENTARY PRODUCTS

(d)



Straight chrome-plated 201 grade stainless steel rail	
60575	300 mm
60576	400 mm
60577	500 mm
60578	600 mm

	powered automatic hand-drier vivelling nozzle
60360	White epoxy finish
60359	Bright polished stainless steel



- Self-supporting: Does not require a weight-bearing wall.
- Control adapted to all types of user: children, the elderly, people with reduced mobility.
- Easy cleaning of the suspended basin.
- Distortion resistant thanks to the reinforced metal structure.
- Height adjustable legs.









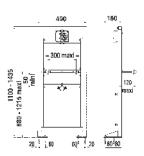






#### Mounting frame for battery powered SENSAO®

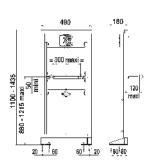




Operate	d with integrated 6V lithium battery
18554	Pre-fitted frame without front plate
Front pl	ate with high spout
55338	Ivory white finish
55340	Satin grey finish
Façade	avec bec haut standard
55334	Ivory white finish
55336	Satin grey finish

#### Mounting frame with mains powered SENSAO®

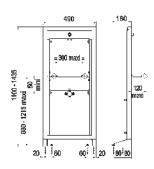




Pre-fitted frame without front plate
late with high spout
Ivory white finish
Satin grey finish
late with standard spout
Ivory white finish
Satin grey finish

#### Mounting-frame for self-closing tap





Mounting frame for self-closing tap PRESTO 504, 704, 612, 2010



Maximum distance frame/front plate: 35mm.



Options	s for SENSAO®
90705	Short spout Ivory white finish
90706	Short spout Satin grey finish
THE «E	SSENTIALS»
230V A	C/ 12V AC transformer for DIN rail
90464	For 1 to 3 taps (18 VA)
90711	For 4 to 6 taps (35 VA)
90610	For 7 to 10 taps (75 VA)

230V AC/ 12V AC transformer in IP65 waterproof case with terminal block and cable gland	
90685	For 1 to 3 taps (18 VA)
90704	For 4 to 6 taps (35 VA)
90686	For 7 to 10 taps (75 VA)



- Self-supporting: Does not require a weight-bearing wall.
- Pre-fitted with SENSAO® hands-free operation, battery or mains powered: simplified mounting on construction site.
- Concealed pipes, no exposed drain outlet.
- Vandal-proof thanks to its reinforced metal structure.
- Compact: L 490mm, D 180mm.









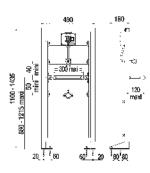






#### Mounting frame for battery powered SENSAO®





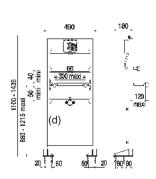
#### Mounting frame for battery powered SENSAO®

18589 Ilvory white finish Satin grey finish

The distance between the box and the intermediate front plate is 35 mm.

#### Mounting frame for battery powered SENSAO®





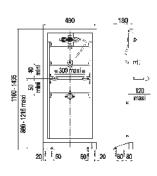
#### With SENSAO® sensor tap transformer not supplied

18591 Ivory white finish
18592 Satin grey finish

The distance between the box and the intermediate front plate is 35 mm.

#### Mounting frame for timed flow tap





#### With PRESTO 120 B

18564 Vandal-proof front plate



THE «ESSENTIALS»		
230V AC/ 12V AC transformer for DIN rail		
90464	For 1 to 3 taps (18 VA)	
90711	For 4 to 6 taps (35 VA)	
90610	For 7 to 10 taps (75 VA)	
Extension kit		
90741	110 mm thick partition kit	

230V AC/ 12V AC transformer in IP65 waterproof case with terminal block and cable gland	
90685	For 1 to 3 taps (18 VA)
90704	For 4 to 6 taps (35 VA)
90686	For 7 to 10 taps (75 VA)

# SERVICE DUCT

CROSS-PARTITION CONTROL	136
WASHBASIN	136
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URINAL	143
FLUSH VALVE	144
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# SERVICE DUCT AREA / CROSS-PARTITION CONTROL FOR WASHBASIN



- Flow pre-set to 6 L/min.
- Non-turnable, non-removable push-button.
- Mechanism behind partition inaccessible to users.
- Vandal-proof equipment completely built into the partition.
- Non-removable, wear-proof h/c marker. S version to prevent the system becoming jammed with the water flowing continuously.









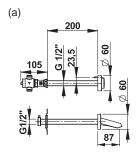




#### Complete ready-to-install kit







#### Cross-partition kit with short spout (87 mm)

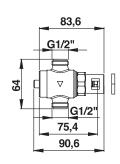
31660 For partition thickness 1 to 200 mm (a) For partition thickness 200 to 300 mm

Cross-partition kit with long spout (194 mm)

31670 For partition thickness 1 to 200 mm
31671 For partition thickness 200 to 300 mm

#### Compose your own kit





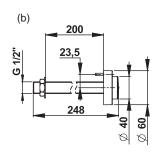
#### Tap only

Single tap PRESTO 512 S<sup>®</sup> anti-blocking

31100 Raw finish

#### **Cross-partition control only**





## Cross-partition control only with blue indicator

**18725** For partition thickness 1 to 200 mm (b) For partition thickness 200 to 300 mm

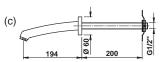
#### Cross-partition control only with red indicator

**18730** For partition thickness 1 to 200 mm

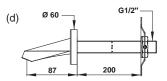
For partition thickness 200 to 300 mm

#### **Cross-partition spout**

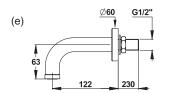












#### Long spout (without water retention) with finishing rose and flow straightener

30616 For partition thickness 1 to 200 mm (c)
30625 For partition thickness 200 to 300 mm

Short spout (without water retention) with finishing rose and flow straightener

30901 For partition thickness 1 to 200 mm (d)
30906 For partition thickness 200 to 300 mm

Tube spout Ø26 mm with 6l/min aerator and finishing rose (e)

30313 Length L1 = 120 mm - Threaded length L2 = 230 mm

Length L1 = 200 mm - Threaded length L2 = 230 mm

#### COMPLEMENTARY PRODUCTS



# Thermostatic regulator with internal temperature-locking function

29002 From 30° to 65°C Flow rate: 57 l/min at 3 bars

Thermostatic regulator with 38°C temperature limiter, can be de-activated by the user

29003 From 20° to 50°C Flow rate: 30 l/min at 3 bars



- Flow pre-set to 6L/min.
- Non-turnable, non-removable control button. Mechanism behind partition inaccessible to users
- Equipment completely built into the partition. Non-removable, wear-proof h/c marker.
- Withstands temperatures up to 75°C.
- S version to prevent the system becoming jammed with the water flowing continuously.



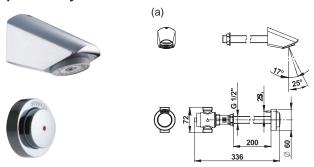








#### Complete ready-to-install kit



Cross-partition kit with PRESTO 50 with fixed shower head and directional grid 17° or 25° directional grid

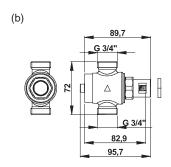
38230 For partitions 1 to 200 mm thick (a)
38231 For partitions 200 to 300 mm thick

Cross-partition kit with PRESTO 500 S® with fixed shower head and directional grid 17° or 25° directional grid

38240 For partitions 1 to 200 mm thick 38241 For partitions 200 to 300 mm thick

#### Put together your kit





Tap only PRESTO 50 tap (b)

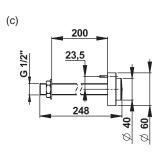
38760 Only
PRESTO 500 S® tap

Only

38370

#### ALPAS® PRESTO anti-blocking mixer tap





Cross-partition control only - cold water

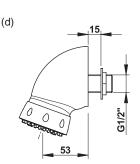
18725 For partitions 1 to 200 mm thick (c) For partitions 200 to 300 mm thick

Commande TC seule - eau chaude

18730 For partitions 1 to 200 mm thick
For partitions 200 to 300 mm thick

#### **Cross-partition control only**





29120 For partitions 1 to 200 mm thick29162 For partitions 200 to 300 mm thick

Vandal-proof fixed shower head

**29155** For partitions 1 to 200 mm thick

Fixed shower head with anti-scale spikes and directional grid.

29260 For partition thickness of less than 15 mm (d)
 29261 For partition thickness of less than to 200 mm

29262 For partition thicknessfor partition thickness of less than to 300 mm



	COMPLEMENTARY PRODUCTS		
	Thermostatic regulator with internal temperature-locking function		
	29006	1/2" inlet and outlet Flow: 43 I/min at 3 bars	
	29007	3/4" inlet and outlet Flow: 47 l/min at 3 bars	

# SERVICE DUCT AREA / CROSS-PARTITION CONTROL FOR URINAL



- Non-turnable, non-removable control button.
- Mechanism behind the partition inaccessible to the user.
- Equipment completely built into the partition.
- Stops automatically after 6 sec.
- Non-turnable knob.









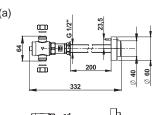






#### Complete ready-to-install kit



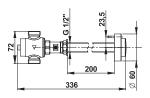


#### Cross-partition kit with PRESTO 12 for standard urinal 31880

For partition thickness of less than 15 to 200 mm (a) 31881 For partition thickness of less than 200 to 300 mm

#### Complete ready-to-install kit







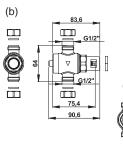


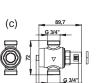
#### Cross-partition kit with PRESTO 60 for siphonic action urinal

15040 For partition thickness of less than 15 to 200 mm 15041 For partition thickness of less than 200 to 300 mm

#### Compose your own kit







#### PRESTO 12 TC tap (b)

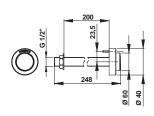
31120 Tap only

PRESTO 60 TC tap (c)

15120 Tap only

#### **Cross-partition control only**





#### Cross-partition control only

18735 For partition thickness 15 to 200 mm 18736 For partition thickness 200 to 300 mm

#### COMPLEMENTARY PRODUCTS



70632 Brushed stainless steel soap dispenser 1200 ml • Easy to operate, adapted to children, the elderly and the disabled.

• Vandal-proof design with non-turnable, non-removable control button. • Complete ready-to-install kit.

• Patented mechanism: mechanical self-closing taps are equipped with a wear resistant calibrated synthetic ruby, self cleaning by the stainless steel needle, guaranteering a constant timed flow.





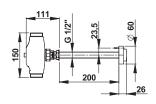


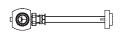


## Complete ready-to-install kit

• Stops automatically after 7 sec.







#### PRESTO ECLAIR XL cross-partition kit

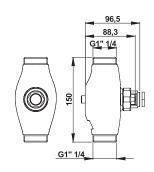
The kit includes:

- 1 PRESTO Eclair XL flush valve ref. 13070
- 1 cross-partition control
- 1 PVC curved pipe in 3 parts ref. 47865
- 1 spud gasket ref. 44903
- 1 outlet connector ref. 10400
- 1 stop valve G 1" 1/4 with drain ref. 85988

For partition thickness 1 to 200 mm 13061 For partition thickness 200 to 300 mm

## Compose your own kit





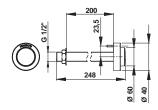
Flush valve only

PRESTO ECLAIR XL cross-partition flush valve

13070 Raw finish

#### **Cross-partition control only**





#### Cross-partition control only for ECLAIR XL

18735 For partition thickness 1 to 200 mm For partition thickness 200 to 300 mm 18736



60556	Toilet paper dispenser
60550	Complete toilet brush holder
60355	Peg with one hook

# SERVICE DUCT AREA / CROSS-PARTITION CONTROL FOR FLUSH



- Automatically stops after an adjustable flow time from 5.5 to 8 sec.
- Vandal-proof with non-turnable, non-removable control button.
- Mechanism behind the partition inaccessible to the user. Complete ready-to-install kit.
- Flush volume adjustable from 6 to 9 L. S version to prevent the system becoming jammed with the water flowing continuously.
- Easy to operate adapted to children, the elderly and the disabled.





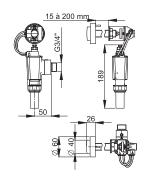






#### The kit includes





Complete ready-to-install kit

- 1 PRESTO 1000 XL with integrated stop valve
- 1 PVC curved pipe in 3 parts ref. 47850
- 1 junction nozzle

14260

For partition thickness 15 to 200 mm

14261

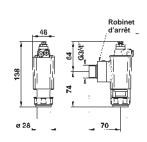
For partition thickness 200 to 300 mm



S system, preventing the tap being jammed with the water flowing continuously

#### Make your own kit





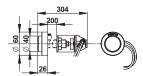
#### Flush valve only

Flush valve with S® anti-blocking system

PRESTO 1000 XLTC with integrated stop valve

#### **Cross-partition control only**





Cross-partition control only

18740 For partition thickness 1 to 200 mm

18741 For partition thickness 200 to 300 mm



For partition thickness > 300 mm: consult us

Tip





This solution allows the flush button to be moved to the side wall to make it easier to press for persons with reduced mobility.

#### COMPLEMENTARY PRODUCTS



60553 Toilet paper dispenser (reel)



- Automatically stops after an adjustable period of 1 to 30 sec.
- Anti-blocking system from 1 to 7 minutes (adjustable) preventing the water flowing continuously.
- Service duct installation.
- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.







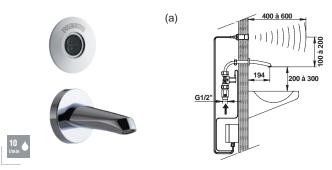








## Ready-to-install washbasin kit



230 Volt / 12Volt - 6VA transformer included Extra-flat sensor and long spout - réf 30621

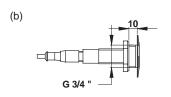
**52469** For partition thickness 1 to 10 mm

Extra-flat sensor and long spout - ref 30616

52470 For partition thickness 10 to 50 mm (a) 52471 For partition thickness 50 to 200 mm

#### Sensor only





## 230 Volt / 12Volt - 6VA transformer included

Extra flat sensor, rear dismantling (b)

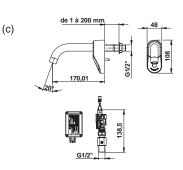
52460 For partition thickness 1 to 10 mm
52461 For partition thickness 10 to 50 mm
For partition thickness 50 to 200 mm

Sensor, front dismantling

52400 For partition thickness 1 to 200 mm

#### Single-wall-mounted tap for service duct - sensao 6100





#### **SENSAO 6100**

55461 With 6V CRP2 lithium battery in IP 65 remote case

55460 With 230V AC/7V DC IP65 transformer for partition thickness 1 to 200 mm



Battery life for all PRESTO washbasin sensor taps: 3 years for 125,000 cycles/year (40 cycles/hour for 8 hours each day)

### COMPLEMENTARY PRODUCTS



Short spout (without water retention) with base trim and anti-splash fitting

30901 For partitions 1 to 200 mm thick 30906 For partitions 200 to 300 mm thick Thermostatic regulator with internal

temperature-locking function
29002 From 30° to 65°C Flow rate: 57 l/min at 3 bars
29006 1/2" inlet and outlet Flow rate: 43 l/min at 3 bars

#### Tube spout with 6l/min aerator and base trim

**30313** Length L1 = 120 mm Threaded end L2 = 230 mm

**30311** Length L1 = 120 mm Threaded end L2 = 50 mm (<del>}</del>

# SERVICE DUCT AREA / MODULAR DETECTION FOR SHOWER



- Automatically stops after an adjustable period of 1 to 30 sec.
- Anti-blocking system preventing continuous flow for more than 1 to 7 minutes (adjustable).
- Range adjustable from 100 to 700 mm.











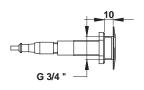






## Detection for shower - Extra flat (removable from the rear) -

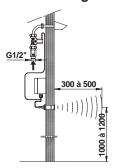




52460	For partitions 1 to 10 mm thick
52461	For partitions 10 to 50 mm thick
52462	For partitions 50 to 200 mm thick

## Detection for shower - For front dismantling -

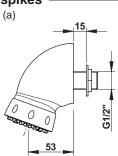




52400 For partitions 1 to 200 mm thick

#### Shower head with anti-scale spikes



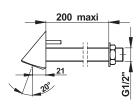


#### For cross-partition installation

	•
29260	For partitions 1 to 10 mm thick (a)
29261	For partitions 15 to 200 mm thick
29262	For partitions 200 to 300 mm thick

## Vandal-proof fixed shower head





29155 With non-rotation system For partitions 15 to 200 mm thick



Thermostatic regulator with internal temperature-locking function	
29002	From 30° to 65°C Flow rate: 57 I/min at 3 bars
29006	1/2" inlet and outlet Flow rate: 43 l/min at 3 bars

Fixed shower head with directional grid	
29120	For partitions 1 to 200 mm thick
29162	For partitions 200 to 300 mm thick

# SERVICE DUCT AREA / MODULAR DETECTION FOR URINAL



- Ajustable self-closing time from 3 to 16 sec.
- Installation in partitions ducts through 1 to 200 mm of thickness.
- Adjustable beam from 100 to 700 mm.
- User comfort, no hand contact, avoiding the spread of bacteria.





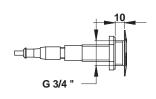






#### Sensor for urinal - Extra flat sensor



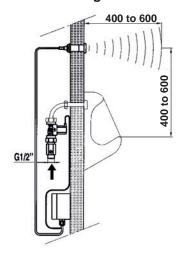


#### Transformer included

For partition thickness 1 to 10 mm 52463 52464 For partition thickness 10 to 50 mm 52465 For partition thickness 50 to 200 mm

## Sensor for urinal - With front dismantling





#### Transformer included

**52401** For partition thickness 1 to 200 mm



# SERVICE DUCT AREA / PRESTO® 7300 XL FOR FLUSH



- Flush volume adjustable from 6 to 9 litres.
- Automatic flushing avoiding clogging of the ceramics and drains.
- Automatic or manual operation: the user is taken into account after 15 seconds (no inadvertent activation).





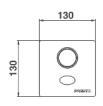






#### PRESTO 7300 XL







#### Sensor flush valve

55514 12 V model - transformer not included Front plate, brushed stainless steel finish



#### **PROGRAMMING**

The valve disposes of 4 programmes (pre-set on programme N°1).

PROG.	SUPPLIED VOLUME	DETECTION RANGE
N°1	9 L	Normal (about 900 mm)
N°2	6 L	Normal (about 900 mm)
N°3	9 L	Short (about 700 mm)
N°4	6 L	Short (about 700 mm)



THE "ESSENTIALS"	
230V AC/ 12V AC transformer for DIN rail	
90464	For 1 to 3 taps (18 VA)
90711	For 4 to 6 taps (35 VA)
90610	For 7 to 10 taps (75 VA)

230/12VAC transformer in IP65 waterproof casing with terminal block and cable gland		
90685	For 1 to 3 taps (18 VA)	
90704	For 4 to 6 taps (35 VA)	
90686	For 7 to 10 taps (75 VA)	



- Automatic operation (infrared presence detection) and elimination of unpleasant odours.
- Automatic shut-off and configurable timed flow.
- Flow adjusted using the stop valve.
- Automatic flushing avoiding clogging of the ceramics and drains.
- Adaptable for all types of urinals.





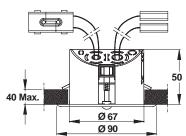






## **Ceiling detection**





52453 Narrow field model - 1 urinal large field model - 2 to 6 urinals



#### **OPERATION OF THE DETECTION IN SUSPENDED CEILINGS**

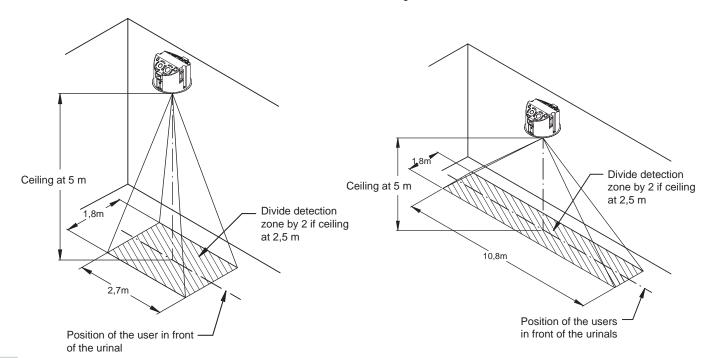
Pre-rinsing when the user enters the detection zone – can be deactivated (pre-washing time equal to half the rinsing time). Rinsing (adjustable from 1 to 10 seconds) is activated 30 seconds after the user leaves.

The 30-second timer is reinitialised if a new user arrives during this period, with a maximum duration of 2 minutes after which rinsing is forced (during very busy periods).

If a new user arrives during the 20 seconds following rinsing, the pre-wash is cancelled.

#### Narrow field model - 1 urinal

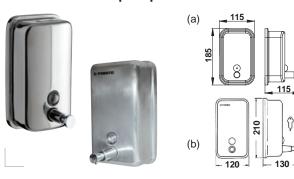
#### Large field model - 2 to 6 urinals



# SANITARY ACCESSORIES **SOAP DISPENSER** 148 149 **SOAP HOLDER HAND-DRIERS** 150 **HAND-TOWEL DISPENSER** 151 **BINS** 151 **SHELF AND TOWEL RAIL** 152 **TOILET PAPER DISPENSER** 153 **TOILET BRUSH** 153 **SHOWER CURTAIN AND RAIL** 154



### Wall-mounted soap dispenser



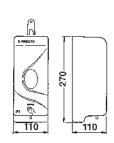
Wall mounted dispenser with control window for soap container

60632 Bright stainless steel finish 800 ml (a)

**70632** Inox brossé 1200 ml (b)

## Wall-mounted soap dispenser -





Automatic wall mounted dispenser 950ml with control window for soap container and vandal-proof closing mechanism

70630 Powered by 1,5 V battery (not supplied)

## Deck-mounted soap dispenser -





## Dispenser with bottle

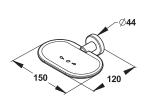
70633 1 liter bottle rechargeable by the top

(unscrewing the push-button with vandal-proof

key supplied) or by the bottom (unscrewing the bottle)

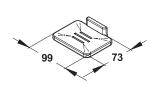
## Wall mounted soap holder - Model with no visible screws





60353 Brushed stainless steel soap holder





60561 Chrome-plated wall-mounted soap dish

## PRESTO 904 / 905 with push button



(a) G1/2"Ø14

PRESTO 904 wall-mounted soap dispenser

G 3/8" inlet 37100

PRESTO 905 deck-mounted soap dispenser

37601 G 1/2" inlet (a)



#### **IMPORTANT:**

Only use PURE COPRAH liquid soaps diluted to 4.5%. Do not use soapy water and detergents.



#### DISTRIBUTION SYSTEM

Central tank

The tank is located at the highest point of the installation and the soap is dispensed by gravity.

Pressurised circuit

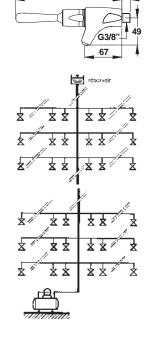
An electric pump unit with tank supplies all the dispenser taps on the instal-

lation with liquid soap. **N.B.** For centralised systems, the volume of the tanks is calculated according to the number of operations estimated per day and the autonomy of the system (approximately 10 to 15 days). The PRESTO® dispensers deliver approximately 2 cm3 of soap each time the lever is pressed.

#### PRESTO 914 / 915 with multi directional lever

(a)





191

PRESTO 914 wall-mounted soap dispenser

G 3/8" inlet (a) 37910

PRESTO 915 deck-mounted soap dispenser

G 1/2" inlet





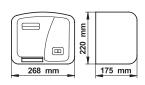
# The «essentials»

Soap tank for PRESTO 905/915	
37930	0.5 litre with non-return valve
37921	1 litre with non-return valve
37960	1 litre without non-return valve



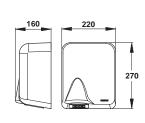
## Mains powered hand dryer





70637 ABS cover - 1800 W Air flow: 255 m³/h, 70.8 L/s Air speed: 14.5 m/s





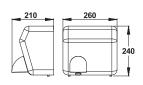
60358 Brushed stainless steel - 1650 W

Air flow: 120 m<sup>3</sup>/h Air speed: 11 m/s

**Hot /cold switch :** summer cold air, winter hot air, allowing energy savings and comfort use.

## Mains powered hand dryer with swivel nozzle

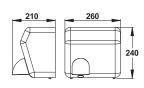




60360 White epoxy finish - 2300 W

Air flow: 210 m³/h, 58.3 L/s Air speed: 22 m/s





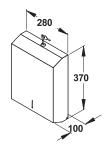
60359 Bright polished stainless steel finish - 2300 W

Air flow: 210 m<sup>3</sup>/h, 58.3 L/s

Air speed: 22 m/s

## Hand towel dispenser



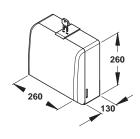


#### HAND TOWEL DISPENSER

For Z- or C-folded hand-towels

60560 Steel model with epoxy finish
60559 Stainless steel model

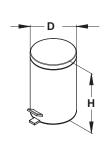




60558 ABS model

## Bin with foot-pedal





#### Polished stainless steel

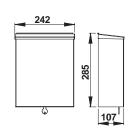
60562 5 litres model - D = 208 mm - H = 325 mm 60563 12 litres model - D = 245 mm - H = 386 mm 60564 28 litres model - D = 305 mm - H = 532 mm

ABS floor-standing bin

**60630** 5 litres model - D = 230 mm - H = 310 mm

#### Wall-mounted bin





60628 White epoxy stainless steel finish
60629 Polished stainless steel model

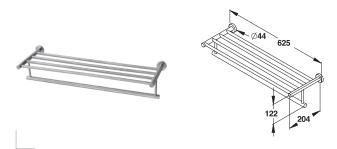
#### Shelf -



#### Model with invisible fixing

60357 Stainless steel support with safety glass

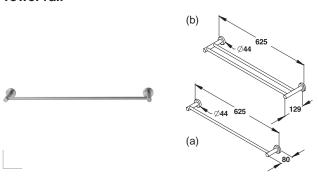
#### **Towel rack**



## Wall-mounted model with invisible fixing

60350 600 mm stainless steel rack

#### Towel-rail



## 625 mm wall-mounted model with one bar (a)

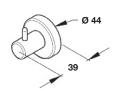
Brushed stainless steel

625 mm wall-mounted model with two bars (b)

60352 Brushed stainless steel

## Peg with one hook

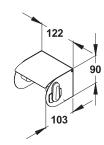




#### Invisible fixing

60355 Brushed stainless steel



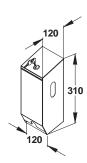


60556

Polished stainless steel finish

## Multi roll dispenser (3 rolls)



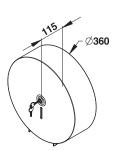


60557

Stainless steel finish

## Toilet paper dispenser jumbo





## **ABS** model

60555 Reel external diameter < 250 mm internal diameter 71 mm

## Brushed stainless steel model

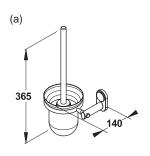
Reel external diameter < 250 mm 60553 internal diameter 40 mm

60554 Reel external diameter < 350 mm

internal diameter 40 to 72 mm

## **Toilet brush**





60550 Complete toilet brush holder (a)

60551 Brush only

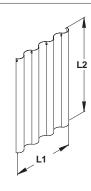


PRESTO advice : Wall fixing = easy cleaning



#### White PVC shower curtain





Model with weighted hem	
60585	180 x 90 cm + 6 plastic rings
60586	180 x 120 cm + 8 plastic rings
60587	180 x 180 cm + 12 plastic rings

#### Seamless model

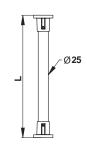
60588	200 x 90 cm + 6 plastic rings
60591	200 x 180 cm + 12 plastic rings
60589	200 x 120 cm + 8 plastic rings
60590	200 x 150 cm + 10 plastic rings

#### Accessories

60592	12 metal rings
60593	12 white plastic rings

## Straight rail for shower curtain





## Stainless steel model

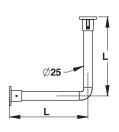
60600	Length extensible from 80 to140 cm
60601	Length extensible from 120 to 220 cm

#### White aluminium model

60602	Length extensible from 80 to 140 cm
60603	Length extensible from 120 to 220 cm

## Straight rail for shower curtain





## Stainless steel model

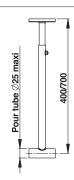
60614	Length extensible from 80 to 140 cm
60615	Length extensible from 120 to 220 cm

#### White aluminium model

60616 Length extensible from 80 to 140 cm 60617 Length extensible from 120 to 220 cm

## **Ceiling support**





60624	Stainless steel	
60625	White aluminium	









- Automatically stops when the hands are removed (excluding START/STOP models).
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Automatic 30-second rinsing every 72 hours after the last use.
- Adjustable maximum temperature limiter.
- Star-shaped flow straightener preventing water retention.





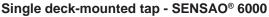




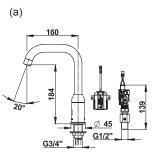














Smooth internal surface without water retention and bacteria.

#### With integrated 6V CRP2 lithium battery

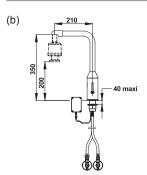
55451 With PEX hoses and fixed spout (a)

#### With 230V AC/7V DC IP65 transformer

55450 With PEX hoses and fixed spout

## Mixer tap with high spout







Smooth internal surface without water retention and bacteria. High spout enables use with sterilising filter cartridges.

#### With 6V CRP2 lithium battery

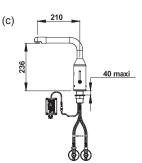
55130 With PEX hoses - swivel spout (a)55131 With PEX hoses - fixed spout

#### With 230 VAC/7 VDC IP65 transformer

55135 With PEX hoses - robinets tournant55136 With PEX hoses - robinets fixe

#### PRESTO 5750 - Mitigeur avec bec standard







Smooth internal surface without water retention and bacteria.

#### With integrated 6V CRP2 lithium battery

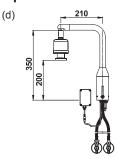
55130 With PEX hoses and swivel spout (c)
With PEX hoses and fixed spout

#### With 230 VAC/7 VDC IP65 transformer

55135 With PEX hoses and swivel spout
With PEX hoses and fixed spout

## Start/stop mixer tap - Fixed spout







Smooth internal surface without water retention and bacteria. High spout enables use with sterilising filter cartridges.

#### With integrated 6V CRP2 lithium battery

55134 With PEX hoses (c)

## 230V power supply 230 V AC/7 VDC IP65 (c)

55139 With PEX hoses



- Mixer with Start/Stop function activated by detection of the hand on the left side of the tap.
- Side lever mixing system.
- PEX hoses resistant to high chlorine sanitization.

## Electronic operation:

- Activated by presenting the hand on the left side of the tap. (Distance = 5 to 10 cm)
- Shut-off by new hand detection or after security time of 30 seconds.
- Automatic rinsing every 72 hours after the last use (30-second flow for legionella eradication).



- Automatically stops when the hands are removed.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Automatic 30-second rinsing every 72 hours after the last use.
- Pre-set maximum temperature limiter (6 positions).
- Star-shaped flow straightener preventing water retention.











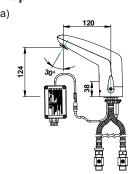






**VOLTA deck-mounted mixer tap** 





With integrated 6V CRP2 lithium battery

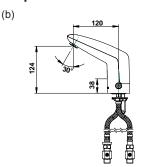
**55162** With PEX hoses and straight stop valves

With 230 VAC/7 VDC IP65 transformer

55152 With PEX hoses and straight stop valves (a)

VOLTA deck-mounted mixer tap without lever





With integrated 6V CRP2 lithium battery

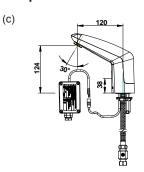
55164 With PEX hoses and straight stop valve (b)

With 230 VAC/7 VDC IP65 transformer

55153 With PEX hoses and straight stop valves

**VOLTA** single deck-mounted tap





With integrated 6V CRP2 lithium battery

55062 With PEX hose and straight stop valve

With 230 VAC/7 VDC IP65 transformer

55051 With PEX hose and straight stop valve (c)



All PRESTO® mixer taps are supplied with PEX hoses to resist to thermal shock treatment and chlorine sanitization.

COMPLEMENTARY PRODUCTS



Straight stop valve
29860 Straigth stop valve

Straight stop valve

29870 Straigth stop valve

# PRESTO HEALTHCARE / EXPOSED MOUNTING SENSAO® - SURFACE MOUNTING SENSAO®



- Automatically stops when the hands are removed.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Automatic 3-second rinsing every 72 hours after the last use.









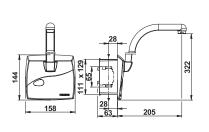






## SENSAO® 5300 H concealed tap - Battery powered



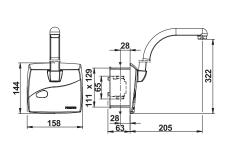


#### With integrated 6V lithium battery

55245 Ivory white epoxy finish Satin grey finish

## SENSAO® 5100 H concealed tap - Mains powered



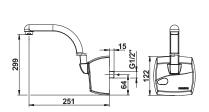


#### With 230V AC/7V DC IP65 power supply

55205 Ivory white epoxy finish55215 Satin grey finish

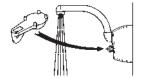
#### SENSAO® 5200 H - exposed tap - Battery powered





## Avec pile lithium 6 V CRP2 intégrée

55225 Ivory white epoxy finish55235 Satin grey finish





PROG.	DEFINITION	T 1	T 2	APPLICATIONS AND COMMENTS
N°1	<b>Hand-washing</b> Short detection	1.5 s	30 s	Hand detection, the taps are delivered with this standard program. it is suitable for most uses.
N°2	Hand-washing Long detection	1.5 s	30 s	Body detection, this program is equipped with a delayed flow action to avoid nwanted operation while somebody walks in front of the basin.
N°3	Filling Short detection	15 s	2 mn	Hand detection, T1 and T2 are increased to allow containers to be filled
N°4	Hospital Long detection	30 s	5 mn	Body detection, T1 and T2 are adapted to the washing time required to disinfect hands in a hospital environment (operating room, etc.)



70630	Wall-mounted soap dispenser
60562	Bin with foot-pedal 5 litres

# PRESTO HEALTHCARE / MODULAR DETECTION FOR WASHBASIN



- Automatically stops after an adjustable period of 1 to 30 sec.
- Anti-blocking system preventing continuous flow for more than 1 to 7 minutes (adjustable).
- Service duct installation.
- Adjustable range from 100 to 700 mm.













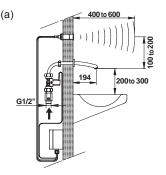




## Ready-to-install washbasin kit







Extra-flat sensor and long spout - ref 30621

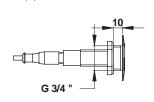
52469 For partition thickness 1 to 10 mm

Extra-flat sensor and long spout - ref 30616

52470 For partition thickness 10 to 50 mm (a)52471 For partition thickness 50 to 200 mm

## Sensor only





(b)

Extra flat sensor, rear dismantling (b)

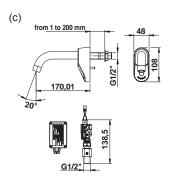
52460 For partition thickness 1 à 10 mm
 52461 For partition thickness 10 à 50 mm
 52462 For partition thickness 50 à 200 mm

Sensor, front dismantling

52400 For partition thickness 1 à 200 mm

## Single wall-mounted tap for service duct





#### SENSAO® 6100

55461 With 6V CRP2 lithium

battery in IP 65 remote case

55460 With 230V AC/7V DC IP65 transformer

for partition thickness 1 to 200 mm(c)



Spout without water retention.

#### COMPLEMENTARY PRODUCTS



Short spout (without water retention) with base trim and anti-splash fitting

30901 For partition thickness 1 to 200 mm

**30906** For partition thickness 200 to 300 mm

# PRESTO HEALTHCARE / KNEE AND FOOT CONTROLS



- Slow shut-off to prevent water-hammering.
- Hands-free operation guarantees total hygiene.
- Wall- or floor-mounted.
- Foot-control pedal twice as resistant as an equivalent brass pedal.
- Visual contrast with light-colored floors for more safety.





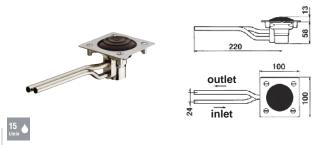








#### PRESTO Sol 509



#### PRESTO SOL 509 for floor-mounting

23100 8/10 mm inlet and outlet tubes

## PRESTO 520 (wall or floor mounting)



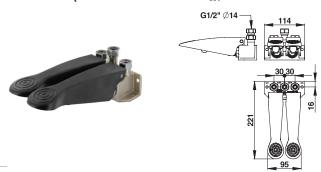


The vandal-proof solution

#### PRESTO SOL 520 single pedal

23614 Cold water or pre-mixed90524 Extension for PRESTO SOL 520 and 530

#### PRESTO 530 (wall or floor mounting)





The vandal-proof solution

## PRESTO 530 dual pedal

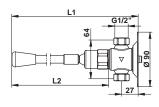
23644 Cold water et Hot water

**@**/||

**@**/||

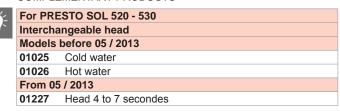
#### PRESTO 712





#### Knee-operated control tap PRESTO 712

31683	L1 = 390 mm - L2 = 340 mm	<b> Ø P</b> / I I
31919	L1 = 490 mm - L2 = 440 mm	
31646	L1 = 560 mm - L2 = 510 mm	



29403	Pre-mixer tap
29410	One-piece pre-mixer tap
29003	Thermostatic safety regulator



- PRESTO laminar flow straightener guaranteeing the flow of water is air-free. According to the model, smooth interior surface with no water retention avoiding stagnant water where bacteria can multiply.
- According to the model, 6L/min flow limiter.
- Reinforced attachment or cross-partition mounting.





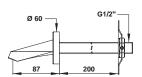




## Short spout without water retention







#### Short spout (without water retention) with finishing rose and flow straightener

30901 For partition thickness 1 à 200 mm (a) 30906 For partition thickness 200 à 300 mm

30903 Female inlet 1/2" 30900 Male outlet 1/2"

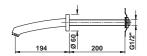
30621



#### Long spout without water retention

(b)





#### Long spout (without water retention)

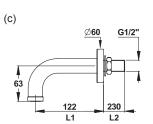
Male outlet 1/2"

with finishing rose and vandal-proof flow straightener

30616 For partition thickness 1 à 200 mm (b) 30625 For partition thickness 200 à 300 mm 30620 Female inlet 1/2"

**Tube spout 26 mm** 





#### Tube spout with aerator and finishing rose

30313 Length L1 = 120 mm Threaded length L2 = 230 mm 30311 Length L1 = 120 mm Threaded length L2 = 50 mm (c)

30317 Length L1 = 200 mm Threaded length L2 = 230 mm

30315 Length L1 = 200 mmThreaded length L2 = 50 mm

### **Deck-mounted spout**





#### Spout with 6 l/min aerator and finishing rose - 1/2" male inlet

30302 Fixed spout 30202 Swivel spout 120°





- Precise selection of the temperature and flow.
- Adjustable temperature limiter on ceramic cartridge.
- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.
- Heights and extension of spouts adapted for washing at the washbasin.



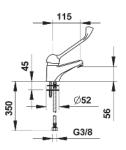






## Mixer tap with short spout

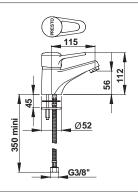




60051 Control lever 170 mm long
Drilled body that can be fitted with a plug
(not supplied).

## Mixer tap with short spout



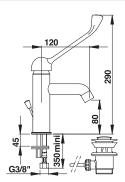




60083 Openwork lever
Drilled body that can be fitted with a plug
(not supplied).

Mixer tap with fixed spout





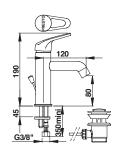
Model with drain plug and control

60093 Control lever 170 mm long

Model without drain plug and control 60095 Control lever 170 mm long

## Mixer tap with fixed spout





Model with drain plug and control

60094 Openwork lever

Model without drain plug and control

60096 Openwork lever



60357	Shelf
60351	Towel-rail with one rail
29002	Thermostatic safety regulator



- Precise selection of the temperature and flow.
- Medical lever L.170 mm, or openwork lever, thermostatic.
- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.
- Heights and extension of spouts adapted for washing at the washbasin.



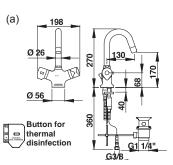














Anti-scalding device: water flow automatically stopped if the cold water supply is cut off (compliant with standard NF EN 1111).

NF non-return valves. Temperature limiter not accessible by the user.

60257

With drain plug and contro

and spigot for thermal shock disinfection (a)

60251

Model without drain plug and control with ergonomic 50 mm wire lever

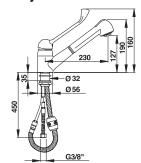
Mixer tap hoses



60642	EPDM hoses Ø 8x100 length 360 mm
60643	EPDM hoses Ø 10x100 length 360 mm
60644	EPDM hoses Ø 12x100 length 320 mm
60645	EPDM hoses Ø 12x100 length 500 mm

Mixer tap with pull out spray head - 2 jets

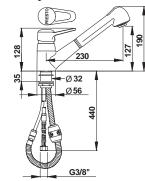




60050	Control lever 170 mm long
50082	Spray head - 2 jets only

Mixer tap with pull out spray head - 2 jets





60081	Control lever
60082	Spray head - 2 jets only



60099	Spigot for thermal disinfection only (for reference 60257)
60071	Single-jet hand-held shower only for ref. 60050



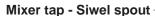
- Temperature limiter not accessible by the user.
- NF non-return valves.
- Anti-scalding device in case the cold water supply is cut off.
- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.
- Heights and extension of spouts adapted.



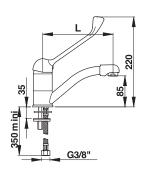












With spout 180 mm long

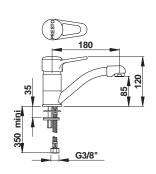
60084 Control lever 170 mm long

With spout 230 mm long

60052 Control lever 170 mm long

Mixer tap - Siwel spout









With spout 180 mm long

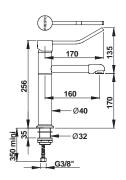
60085 Openwork lever 60086 Standard lever

With spout 230 mm long

60087 Openwork lever 60088 Standard lever

Mixer tap - Straight spout





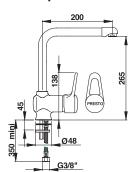
With spout 180 mm long

60078 With fixed spout With swivel spout

Extension for tightening on worktop 60080 Thickness from 35 to 70 mm

Side control mixer tap with swivel spout





60058 Openwork lever 60059 Standard lever



All mixer taps are supplied with PEX hoses for improved resistance to thermal or chlorine shocks.

#### COMPLEMENTARY PRODUCTS



60310	Straigth rail Ø 25 mm Lg 300 mm
60333	Angled grab har 135 ° Ø 25 mm

**60323** Angled grab bar 135 ° Ø 25 mm - 400 x 400 mm



- Temperature limiter not accessible by the user.
- NF non-return valves.
- Anti-scalding device in case the cold water supply is cut off.
- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.
- PEX hoses resistant to thermal and/or chemical shocks.



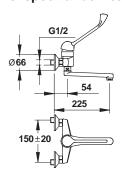






## Wall mounted mixer tap - swivel spout underneath





60053 Control lever 170 mm long

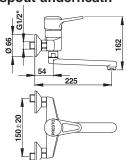
## Mixer tap hoses



60637	PEX hoses Ø 10x100 length 360 mm
60638	PEX hoses Ø 10x100 length 410 mm
60639	PEX hoses Ø 10x100 length 515 mm
60640	PEX hoses Ø 10x100 length 650 mm
60641	PEX hoses Ø 10x100 length 360 mm

#### Wall-mounted mixer tap - swivel spout underneath

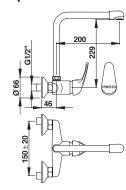




60091 Openwork lever 60092 Standard lever

## Wall-mounted mixer tap - swivel spout above





60089 Openwork lever 60090 Standard lever



60360	Automatic hand-dryer white epoxy finish
37910	Wall-mounted soap dispenser



• Total hygiene.

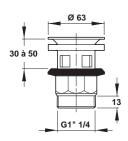






## ABS hygienic basin drain





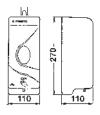


Without central screw : no water retention and development of bacterial niches.

With concave strainer, diameter 33x42 60565 With stainless steel grid

## Wall-mounted soap dispenser







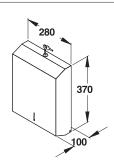
TOTAL HYGIENE: no hand contact.

Automatic wall mounted dispenser 950ml with control window for soap container and vandal-proof closing mechanism

**70630** Powered by 1,5 V battery (not supplied)

### Hand towel dispenser

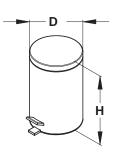




60559 Stainless steel model

## Bin with foot-pedal 5 litres





60562 Bin with foot-pedal 5 Litres D = 208 mm - H = 325 mm



- Delivered with connectors and wall-plates.
- Temperature limiter on the ceramic cartridge adjustable by the technical staff by simply dismantling the lever.
- Dual anti-scalding safety measures for thermostatic taps: 40°C temperature limiter water flow immediately stopped if the cold water supply is cut off (compliant with standard NF EN 1111).

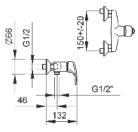






## Wall-mounted shower mixer tap





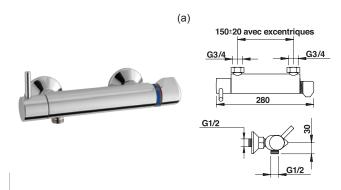


Supplied with connectors and finishing roses.

Ceramic cartridge Ø 40

60056 Openwork lever

### Thermostatic mixer tap





Supplied with connectors and finishing roses.

Dual anti-scald security:

- Simultaneous shut-off in case of cut-off cold water supply
- Temperature limiter at 40°C

Delivered with non-return valves

60252	With standard spigo (a)	<b>₽</b>
60258	With standard spigot and spigot for thermal shock disinfection	<b>®</b>
60099	Spigot for thermal disinfection (for reference 60258)	



Hygieni	Hygienic hand-held showers	
60566	Single-jet hand-held shower with 145 cm PVC hose	
60320	START/STOP hand-held	
	shower with anti-limescale spikes	
90743	Chrome-plated hand-held shower only	
Complete shower bar		
60260	600 mm Shower bar with adjustable support + 1500 mm hose + chrome-plated hand-held shower	
60568	Anti-stagnation connector	
90049	Quick coupler for hand-held shower	



- For automatic drainage of the hose and tap by gravity.
- Limits the development of bacteria.



- Tap with ceramic cartridge and flow limiter.
- Series 7: temperature limiter and water flow simultaneously stopped if the cold water supply is cut off (compliant with standard NF EN 1111).
- Shower head with anti-limescale spikes.
- Fixed shower head.



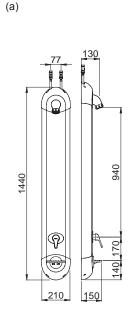






## Shower panel with single-lever control mixer -





Rear wa	ater inlet and fixed shower head
88486	Ivory white finish
88482	Satin grey finish
Rear wa	ater inlet and hand-held shower
88494	Ivory white finish
88490	Satin grey finish
	ter inlet and fixed shower head (a)
88484	Ivory white finish
88480	Satin grey finish
Top wa	ter inlet and hand-held shower
88492	Ivory white finish

## PRESTOTEM® SERIE 7



- Tap with ceramic cartridge and flow limiter.
- Series 7: temperature limiter and water flow simultaneously stopped if the cold water supply is cut off (compliant with standard NF EN 1111).

88488

Satin grey finish

• Shower head with anti-limescale spikes. .





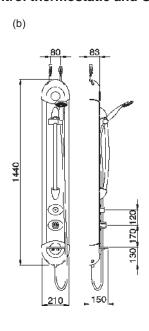






## Shower panel with dual control thermostatic and ON/OFF





Top water inlet and hand-held shower (b)

88510 Satin grey finish 88514 Ivory white finish

Rear water inlet and hand-held shower

88512 Satin grey finish 88516 Ivory white finish

#### COMPLEMENTARY PRODUCTS



90743 Chrome-plated hand-held Shower only Floor drain (see p.58)



- 1/2 turn tap with ceramic cartridge and flow limiter.
- Temperature limiter and water flow simultaneously stopped if the cold water supply is cut off (compliant with standard NF EN 1111).
- Shower head with anti-limescale spikes.
- Shower head.



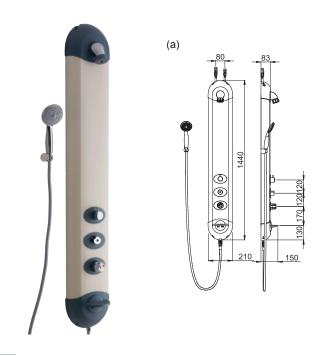








## Thermostatic shower panel with reverser shower head/hand held shower



Rear water inlet and hand-held shower

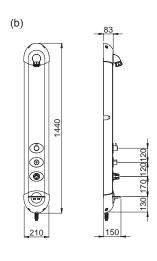
88528 Ivory white finish Satin grey finish

Top water inlet and hand-held shower (a)

88524 Ivory white finish88522 Satin grey finish

#### Thermostatic shower panel with reverser shower head/hand held shower (option hand/held shower)







Hand-held shower not supplied (see complementary products below).

Rear water inlet without hand-held shower (b)

88508 Ivory white finishSatin grey finish

Top water inlet without hand-held shower

88520 Ivory white finish Satin grey finish



60566	Single-jet hand-held shower
60320	Start/Stop hand-held shower
60256	White hand-held shower

90743	Chrome-plated hand-held shower only
90049	Quick coupler for hand-held shower
60568	Anti-stagnation connector



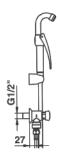
- NF HA disconnector to protect the network from the risk of pollution by water flowing back (EN 1717).
- Sink sprayer available with self-closing Presto 12A tap or check valve tap.
- High resistance to disinfection.
- 1 m hose with swivel nut to avoid twisting.





## Sink sprayer with P12A timed flow tap





Hand spray 120° with lever

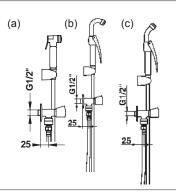
39212 White epoxy finish

Hand spray 45° with lever

White epoxy finish

## Sink sprayer with tap





Hand spray with push-button (a)

39213 White epoxy finish

Hand spray 120° with lever (b)

39210 White epoxy finish

Hand spray 45° with lever (c)

39209 White epoxy finish

## Hand spray whith hose





## Hand shower with 1m hose

Push-button hand shower (d) 39205 Spray with 120° lever 39204

Spray with 45° lever



COM LEMENT WITH THOSE OF COMMENTS	
90637	Flow straightener for sprays 45° and 120°
90641	Hand spray 120° M 1/2"
90640	Hand spray 45° M 1/2"
90642	Hand shower with push-button M 1/2"

90638	Hose 600 mm
90763	Hose 1000 mm
90636	Metal holder for spray with push-button
90639	Holder for spray with lever



# THE PRESTO PACKS

P. 175-177-179

Presto Packs® are solutions for a fast compliance with standards.









# WASHBASIN - SHOWER TRAY - TOILET BOWL AND ACCESSORIES P. 176-178-180

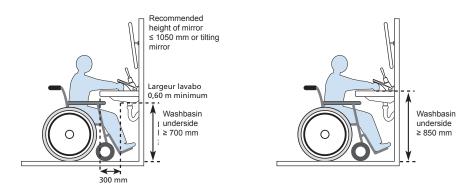
Presto offers a range of ceramics adapted to reduced-mobility users.





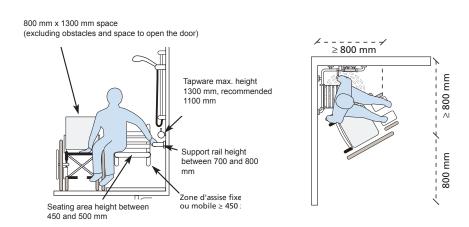


### **WASHBASIN DIMENSIONS - ACCESSIBLITY AND SUPPORT**

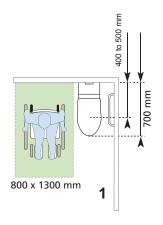


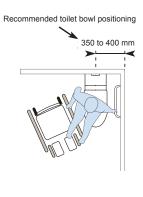
- The equipment chosen must allow full usage from a seated position
- PRESTO recommendation: The trap should preferably be offset.

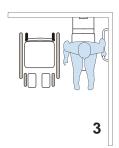
#### **SHOWER DIMENSIONS - TRANSFER AND HEIGHTS**



#### **TOILET DIMENSIONS - TRANSFER AND STANDING UP**









The PRESTO PACK washbasin has been designed to facilitate use of the washbasin by all reduced-mobility users.

· Rapid compliance with standards.



# Classic pack



# Classic Plus version



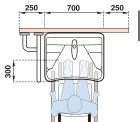
#### Comfort pack



**Comfort Plus version** 







#### Ready-to-install kit

60060 Including:

60001: Ergonomic washbasin with fixed wall console

and plug with offset trap

68232: PRESTO® 7000 timed flow mixer tap with

multi directional lever with PEX hoses

## Ready-to-install kit

60012 Including:

60001: Ergonomic washbasin with fixed wall brackets and offset

plug and trap

68232: PRESTO® 7000 self-closing mixer tap with multi-directional

lever and PEX hoses 60527: Tilting mirror

60462: Ø34 mm "U" washbasin rail

ABS coated aluminium anti-bacterial finish

### Ready-to-install kit

60011 Including:

60001: Ergonomic washbasin with fixed wall console

and plug with offset trap

56623 Light red TOUCH® with PEX hoses and

straight stop valves

#### Ready-to-install kit

60010 Including:

60001: Ergonomic washbasin with fixed wall console

and plug with offset trap

56623 Light red TOUCH® with PEX hoses and

straight stop valves 60527 Tilting mirror

60462 Ø34 mm "U" washbasin rail

ABS coated aluminium anti-bacterial finish



#### INSTALLATION ADVICE

In accordance with the "directive of 1st August 2006 establishing the measures taken for the application of articles R. 111-19 to R. 111-19-3 and R. 111-19-6 of the construction and housing code with regard to the accessibility of public buildings to the handicapped during construction and design".



# PRESTO MOBILITY / ERGONOMIC WASHBASIN



- Concave front area to facilitate approach.
- Offset siphon for easier leg passage for wheelchair users.
- Fixed, manual or pneumatic tilting washbasin adapted to all types of disability.



#### Fixed washbasin





60001

With fixed console, plug and offset trap

# Manually tilting washbasin





60002

With tilting console, plug and offset trap

#### Pneumatically tilting washbasin



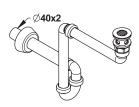


60003

With pneumatic console, plug and offset trap - 15° tilt

# Plug and offset trap





60009 60007 For fixed washbasins
For tilting washbasins



- Rapid compliance with standards.
- Extra-flat, non-slip tray.
- Ergonomic.
- Anti-scalding safety mechanism.



### **Comfort pack**





## Ready-to-install kit

60063

Including:

60201: Extra-flat shower tray 900x900 mm with floor trap 60252: Wall-mounted thermostatic shower mixer

60458: Corner support rail with vertical bar Anti-bacterial ABS coated aluminium

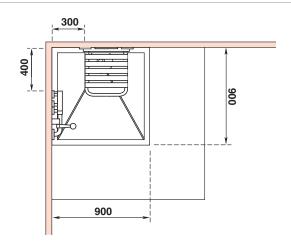
60420: Hang-up (nylon-coated aluminium) seat 60255: Complete shower bar with adjustable support,

hose and hand-held shower.



#### INSTALLATION ADVICE

In accordance with the "directive of 1st August 2006 establishing the measures taken for the application of articles R. 111-19 to R. 111-19-3 and R. 111-19-6 of the construction and housing code with regard to the accessibility of public buildings to the handicapped during construction and design".





#### COMPLEMENTARY PRODUCTS



60355 Peg with one hook brushed stanless steel

60352 Towel-rail with two rail

# PRESTO MOBILITY / SHOWER TRAY AND SCREEN PANEL

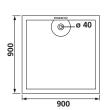


- Extra-flat shower tray easily accessible to all.
- Moulded non-slip finish.
- Shower screen H 900 mm allowing easy access for caregiver.
- Ergonomic handles: for easy handling of the screen.
- Ultra-resistant polycarbonate panels.

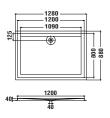


# **Extra-flat shower tray**





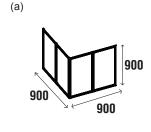




60201 Shower tray 900 x 900 mm with floor trap (a) 60484 Shower tray 1200 x 800 mm with floor trap (b)

#### Foldaway shower panel



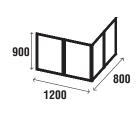


60485 Shower screen panel for shower tray 900 x 900 mm

60486 Shower screen panel for shower tray 1200 x 800 mm

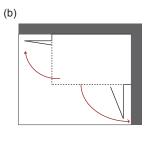
Shower rails and curtains on page 154.





(b)





The half-height shower screen facilitates carer assistance when bathing young children, elderly or disabled persons.

HANDLES ON THE UPPER PART OF THE PANEL: the handle procures comfort and an easy handing of the screen and can be handled by all. They provide contrast with the screen for visually impaired.

**LOCKING SYSTEM:** strong magnets and quality seals ensure a perfect functioning.

**DESIGN:** frame of aluminium white epoxy finish.

**GASKET:** internal gasket of superior quality with deflectors provides a better water retention.

**MATERIAL:** polycarbonate screens ensuring excellent robustness.

 $\mbox{\bf RESISTANT}$  to 200h neutral salt spray corrosion (NSS) in compliance with the standard ISO 9227.



- The PRESTO® toilet bowl is extended to facilitate transfer and positioning.
- Easy-to-flush.
- Suspended toilet bowl for easy maintenance.
- Rapid compliance with standards.



# Classic pack



#### Ready-to-install kit

60064 Including:

60107: Suspended toilet bowl 700 mm

60118: Ergonomic toilet seat

18605: Complete self-supporting mounting frame with cistern and 500mm pneumatic offset control

60529: 135° angled support rail (steel white epoxy),

3 flanges

#### Comfort pack



#### Ready-to-install kit

60065

Including:

60107: Suspended toilet bowl 700 mm

60118: Ergonomic toilet seat

18586: Complete self-supporting mounting frame with cistern and manual/sensor dual control

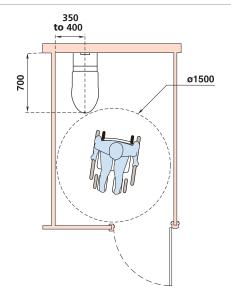
60529: 135° angled support rail (steel white epoxy), 3 flanges



# **INSTALLATION ADVICE**

In accordance with the "directive of 1st August 2006 establishing the measures taken for the application of articles R. 111-19 to R. 111-19-3 and R. 111-19-6 of the construction and housing code with regard to the accessibility of public buildings to the handicapped during construction and design".





#### COMPLEMENTARY PRODUCTS



60553 Toilet paper dispenser Complete toilet brush holder

# PRESTO MOBILITY / TOILET BOWL, SEAT AND FRAME

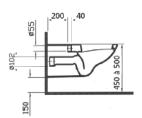


- The extended toilet bowl facilitates transfer and positioning.
- Suspended toilet bowl making cleaning easier and providing increased hygiene.



# Suspended ergonomic toilet bowl





60107

Extended toilet bowl 700 mm @



# Seat for ergonomic toilet bowl



60118

Seat for extended toilet bowl

## **Self-supporting mounting frames**





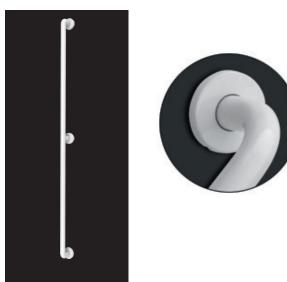
## **SELF-SUPPORTING MOUNTING FRAMES**

with reinforced wall fastening pages 126 to 131:

- Cistern with dual volume 3/6 litres.
- Direct flush with self-closing or sensor taps.
- With pneumatic offset control adapted for users with reduced-mobility.

#### Flexible and aesthetic





#### **FLEXIBLE AND AESTHETIC**

Presto support rails are suitable for all types of installation and environment with a wide variety of shapes (straight, angled, u-shaped, etc) and dimensions (Ø 25 till Ø 35 mm).

Invisible fixing through clip on finishing roses.

The PRESTO grab bars and safety support rails are available in 5 finishing models:

#### 1) Stainless steel 304 polished finish

Austenitic stainless steel 304 has a useful resistance to corrosion in aggressive environments. Its bright polished finish provides design and resistance.

#### 2) Stainless steel 304 satin finish

Austenitic stainless steel 304 has a useful resistance to corrosion in aggressive environments. Its satin finish provides design, easy maintenance and cleaning.

#### 3) Stainless steel 304 white epoxy finish (RAL 9010)

Austenitic stainless steel 304 has a useful resistance to corrosion in aggressive environments. Greatly prized in healthcare environments, the white epoxy finish combines cleanliness and resistance.

- 4) Antibacterial ABS coated aluminium:
  antibacterial + « warm » touch (RAL 9016)
  PRESTO HYGIEN + is THE antibacterial by PRESTO
  PRESTO HYGIEN + is an active principle which contains
  silver ions with a strong antibacterial skill over a large range
  of bacteria as for instance:
- Gram-negative bacteria as Escherichia coli and Pseudomonas Aeruginosa;
- Gram-positive bacteria as Staphylococcus aureus and fungus as Aspergillus Niger and Penicillium Nigricans.

Besides, antibacterial resistance tests prove there is no growth or regeneration of bacteria, as they are totally eradicated and particularly Staphyloccus resistant and Pseudomonas Aeruginosa, which are THE bacteria to eliminate in medical/hospital areas (nosocomial infection source).

Antibacterial on all the product lifetime: PRESTO HYGIEN + contains silver ions and other ions with strong antibacterial skill integrated to the polymer structure from the PRESTO support rails coating. Thus we have an antibacterial active effect on all the product's lifetime.

#### 5) Stainless steel 201 chrome

Proven comfort and safety

The ergonomic shape of PRESTO support bars and their distance from the wall have been specially designed to limit the risk of bruising the user or injury in the event of a fall.

A weld-free bend system and screw covers ensure these support rails have a perfect finish thus avoiding any risk of injury Stainless steel 201 chrome

Easy to fit -

PRESTO rails are delivered ready to fit with screws and plugs for concrete walls. (excluding horizontal rails and economy range).

Resistance ·

With the exception of our economy range rails, all our rails are resistant to neutral salt spray (NSS) for 200 hours, in line with standard ISO 9227.

With the exception of our economy range rails, and our foldaway and hinged rails, all PRESTO rails are tested to 200 kg.

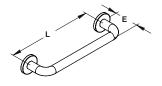
Our foldaway and hinged rails can withstand up to 150 kg.





#### Rail diameter 25 mm

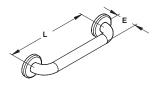




Steel white epoxy finish		
60300	Straight rail 300 mm	
60302	Straight rail 400 mm	
60304	Straight rail 500 mm	
60306	Straight rail 600 mm	
00000		
	stainless steel 304 finish	
Brushed	stainless steel 304 finish	
Brushed 60310	stainless steel 304 finish Straight rail 300 mm	

#### Rail diameter 32 mm

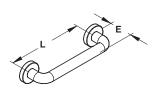




Steel white epoxy finish		
60501	Straight rail 300 mm	
60502	Straight rail 400 mm	
60305	Straight rail 500 mm	
60503	Straight rail 600 mm	
60504	Straight rail 900 mm	
60500	Straight rail 1100 mm	
Brushe	d stainless steel 304 finish	
Brushe 60311	d stainless steel 304 finish Straight rail 300 mm	
60311	Straight rail 300 mm	
60311 60313	Straight rail 300 mm Straight rail 400 mm	
60311 60313 60315	Straight rail 300 mm Straight rail 400 mm Straight rail 500 mm	

#### Rail diameter 34 mm





60311	Straight rail 300 mm
30313	Straight rail 400 mm
60315	Straight rail 500 mm
60317	Straight rail 600 mm
60318	Straight rail 900 mm
60319	Straight rail 1100 mm

# Antibacterial ABS coated aluminium

Straight rail 1100 mm



60451 Straight rail 300 mm 60452 Straight rail 400 mm 60453 Straight rail 600 mm  Antibacterial ABS coated aluminium - 3 flances		
60453 Straight rail 600 mm  Antibacterial ABS coated aluminium -	60451	Straight rail 300 mm
Antibacterial ABS coated aluminium -	60452	Straight rail 400 mm
	60453	Straight rail 600 mm
Antibacterial ABS coated aluminium - 3 flanges		

_
Ø25 — Ø
Ø32 - Ø32
<del></del>



#### PRESTO ADVICE:

60450

straight rails can be fitted horizontally (support rails) or sloping at 135°C (rails to assist standing up).

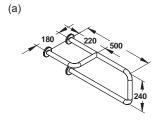
#### **COMPLEMENTARY PRODUCTS**



60551	Brush only for reference 60550
60550	Complete toilet brush holder

# Fixed support rail with return to the wall Ø 32 MM







(D)

60671	Left-hand model - L 500 mm x H 240 mm (a)
60674	Right-hand model - L 500 mm x H 240 mm

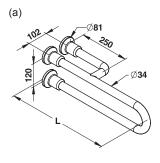
#### Stainless steel white epoxy finish

Polished stainless steel finish

60672	Left-hand model - L 500 mm x H 240 mm (b)
60675	Right-hand model - L 500 mm x H 240 mm

# Fixed support rail with return to the wall Ø 34 MM







60462 Support rail 600 mm

with reinforced wall fastening (a)

60463 Support rail 800 mm

with reinforced wall fastening



## PRESTO ADVICE:

perfect for use in dependant care centers through its ABS "warm" touch effect.

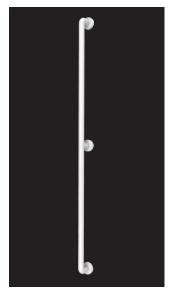


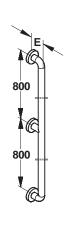




60555	Toilet paper dispenser ABS model
60558	Hand towel dispenser ABS model

#### Vertical rail Ø 34 MM



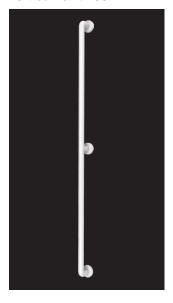


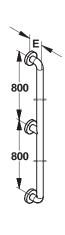
ygi en

Antibacterial ABS coated aluminium

60465 Vertical rail H 1600 mm

# Vertical rail Ø 35 MM



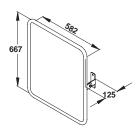


Stainless steel 304 white epoxy finish

60515 Vertical rail H 1600 mm

# Tilting mirror





Nylon coated aluminium

60427 Tilting mirror

Steel white epoxy finish

60527 Tilting mirror



# PRESTO ADVICE:

the tilt allows the mirror to be fixed at the desired height. => flexible installation in accordance with the Handicap Law 2005.

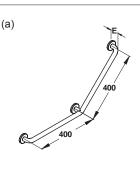
#### COMPLEMENTARY PRODUCTS

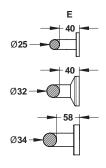


60359	Automatic hand-dryer bright polished stainless steel
60353	Soap dish wall-mounted brushed

# Angled grab bar 135°







# ANGLED GRAB BAR 135° Ø 25 MM

**Brushed stainless steel 304** 

400 x 400 mm - 3 flanges 60323 Steel white epoxy finish 60321 400 x 400 mm - 3 flanges

ANGLED GRAB BAR 135° Ø 32 MM

Brushed stainless steel 304

**60324** 400 x 400 mm - 3 flanges (a)

Acier White epoxy finish

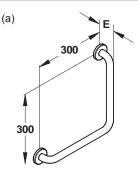
**60529** 400 x 400 mm - 3 flanges

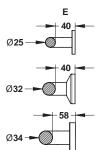
ANGLED GRAB BAR 135° Ø 34 MM Antibacterial ABS coated aluminium

60581 400 x 400 mm - 3 flanges









#### ANGLED GRAB BAR 90° Ø 25 MM

Polished stainless steel 304 300 x 300 mm - 2 flanges 60712

ANGLED GRAB BAR 90° Ø 32 MM Polished stainless steel 304

60713 300 x 300 mm - 2 flanges Stainless steel 304 white epoxy finish

60714 300 x 300 mm - 2 flanges (a)

ANGLED GRAB BAR 90° Ø 34 MM Antibacterial ABS coated aluminium

60715 300 x 300 mm - 2 flanges



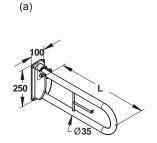
COMPLEMENTARY PRODUCTS

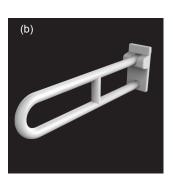


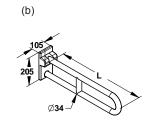


#### Foldaway rails without leg









#### WITH TOILET ROLL HOLDER D35: Polished 304 grade stainless steel

Length 600 mm (a) 60783

Stainless steel 304 white epoxy finish

60784 Length 600 mm

WITHOUT TOILET ROLL HOLDER D34 Antibacterial ABS coated aluminium (c)

60809 Length 650 mm (b) 60812 Length 850 mm

WITHOUT TOILET ROLL HOLDER D35

Polished stainless steel 304

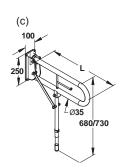
Length 600 mm 60807 60810 Length 760 mm

Stainless steel 304 white epoxy finish

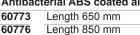
60808 Length 600 mm Length 760 mm 60811

Foldaway rail with leg





#### WITH TOILET ROLL HOLDER D34: Antibacterial ABS coated aluminium



# WITH TOILET ROLL HOLDER D35:

Polished stainless steel 304

60771 Length 600 mm (c)

Stainless steel 304 white epoxy finish

60772 Length 600 mm

# WITHOUT TOILET ROLL HOLDER D35:

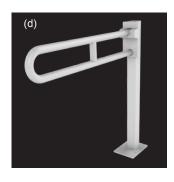
Polished stainless steel 304

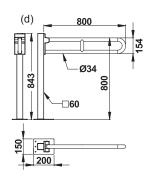
60795 Length 600 mm 60798 Length760 mm

#### Stainless steel 304 white epoxy finish

60796 Length 600 mm 60799 Length 760 mm

#### Foldaway rail with column





# WITH TOILET ROLL HOLDER D35:

Inox 304 finition époxy blanc

60511 Length 800 mm

#### WITH TOILET ROLL HOLDER D34: **Antibacterial ABS coated aluminium**

60457 Length 800 mm (d)



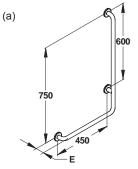


### PRESTO ADVICE:

mainly used in sanitary facilities but also in places where a support is needed to get up from a seated position: chair stair lift, bed...

# L-shaped grab bar 90° Ø 32 MM





# L-SHAPED GRAB BAR 90° Ø 32 MM

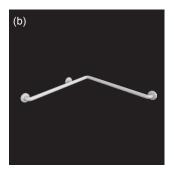
Polished stainless steel 304

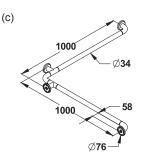
60759 450 x 750 mm - Left-hand model (a) 60762 450 x 750 mm - Right-hand model Stainless steel 304 white epoxy finish 60760 450 x 750 mm - Left-hand model 60763 450 x 750 mm - Right-hand model

#### L-SHAPED GRAB BAR 90° Ø 34 MM Antibacterial ABS coated aluminium

60761 450 x 750 mm - Left-hand model 450 x 750 mm - Right-hand model 60764

Corner support rail





#### **CORNER SUPPORT RAIL Ø 32 MM**

Polished stainless steel 304

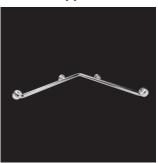
750 mm x 750 mm 60696 Stainless steel 304 white epoxy finish

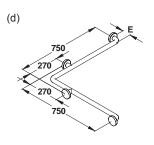
60697 750 mm x 750 mm

#### **CORNER SUPPORT RAIL Ø 34 MM** Antibacterial ABS coated aluminium

60459 700 mm x 700 mm 3 flanges (b) 60698 750 mm x 750 mm 3 flanges 60455 1000 mm x 1000 mm 4 flanges (c)

Corner support rail for shower seat





#### CORNER SUPPORT RAIL FOR SHOWER SEAT Ø 32 MM Polished stainless steel 304

60741 750 mm x 750 mm (d)

Stainless steel 304 white epoxy finish

60742 750 mm x 750 mm

#### **CORNER SUPPORT RAIL Ø 34 MM** Antibacterial ABS coated aluminium



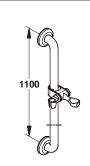
60743 750 mm x 750 mm



PRESTO ADVICE: possibility to use with hang-up seat p. 190.

### Sliding bar





(e)

#### SLIDING BAR Ø 32 MM WITH HAND SHOWER HOLDER **CHROME-PLATED ABS**

Polished stainless steel 304

60662 Length 1100 mm

Stainless steel 304 white epoxy finish

Length 1100 mm (e)

#### BARRE Ø34 AVEC COULISSEAU EN ABS BLANC Antibacterial ABS coated aluminium



60664 Length 1100 mm

#### COMPLEMENTARY PRODUCTS

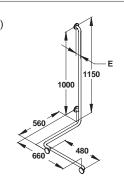


	OOWII LL	IN EIVITAGE GOTO
	Hand sh	ower holder
	60665	Hand shower holder for 32 mm diameter rail
l	60461	Hand shower holder for 34 mm diameter rail
	60417	Hand shower holder for 35 mm diameter rail



#### Corner rail with vertical bar





#### Stainless steel 304 white epoxy finish

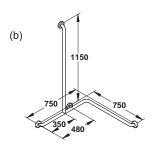
60723 Left-hand model 60726 Right-hand model

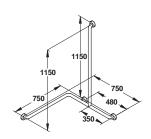
#### Antibacterial ABS coated aluminium

60724 Left-hand model 60727 Right-hand model (a)

#### Corner rail







#### CORNER RAIL WITH CENTRAL VERTICAL BAR Ø 32 MM

Polished stainless steel 304 60734 Left-hand model

60737 Right-hand model

60738

Stainless steel 304 white epoxy finish 60735 Left-hand model Right-hand model (b)

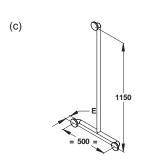
ORNER RAIL BAR WITH CENTRAL VERTICAL BAR Ø 34 mm

#### Antibacterial ABS coated aluminium

Left-hand model 60739 Right-hand model







# T-SHAPED SHOWER RAIL Ø 32 MM

Polished stainless steel 304

**60752** 500 mm x 1150 mm (c) Stainless steel 304 white epoxy finish

60753 500 mm x 1150 mm

T-SHAPED SHOWER RAIL Ø 34 MM Antibacterial ABS coated aluminium

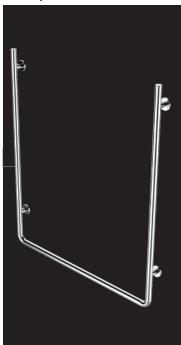
500 mm x 1150 mm

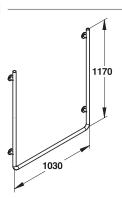


#### PRESTO ADVICE:

possibility to use with hang-up seat, p.190.

# U-shaped shower rail Ø 32 MM







# PRESTO ADVICE:

possibility to use with hang-up seat, p.190.

Polished stainless steel 304

**60482** 1170 x 1030 x 1170 mm – 4 flanges

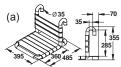
Inox 304 finition epoxy blanc

**60483** 1170 x 1030 x 1170 mm – 4 flanges



## Hang-up shower seat

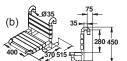


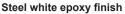




PRESTO ADVICE: for use with rails Ø32 & Ø34 p.187 to 189.







60520 Steel white epoxy finish (a)

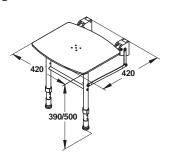
Nylon coated aluminium

60420 Nylon coated aluminium (b)



# Lift-up shower seat with legs





175 kg

Polypropylene with drainage holes slip resistant

60480 With legs

# Lift-up shower seat









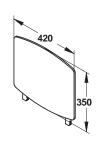
PRESTO ADVICE: compact model, perfect for limited space places. Installation in just 15 minutes.

Polypropylene with drainage holes slip resistant

60815 Lift-up shower seat

#### **Backrest**







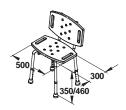
POLYPROPYLENE 100% RECYCLABLE.

For seats réf. 60815 et 60480

60479 Antibacterial finish

# **Shower stool**



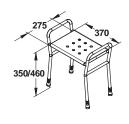


60648

Non-slide ABS seat and backrest Adjustable height - 5 positions Aluminium legs Slip-resistant rubber tips

# Shower stool



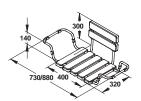


60647

Non-slide ABS seat Adjustable height - 7 positions Frame steel white epoxy finish Slip-resistant rubber tips

Bath seat - 130 kg weight-bearing capacity





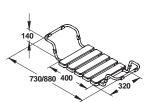
☑ 175 kg

60636 ABS seat and backrest

Frame polished stainless steel

# Bath seat - 130 kg weight bearing capacity



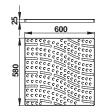




60635 Standard

#### **Duckboard**





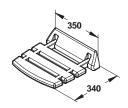
60633 White ABS duckboard with suction cup 600 x 580 x 25 mm

# PRESTO MOBILITY / ECONOMY RANGE

# Lift-up shower seat

(a)



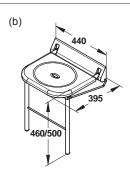




60582 60583 Standard - Length 350 mm Large - Length 510 mm

# Lift-up shower seat



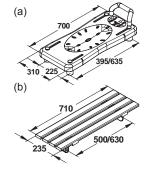




60584 With legs - Large seat

# **Bath board**

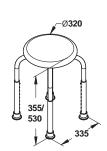




60626 With handle (a) 60627 Standard (b)

# Shower and bath





#### Shower stool

60646 Non-slide ABS sea

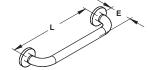
Adjustable height - 8 positions Aluminium legs Slip-resistant rubber tips

### Washbasin and WC Ø 25 mm



#### THE PRESTO +: Invisible fixings.





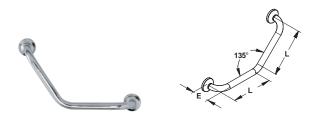
Straight rail, chromed-plated stainless steel 201

60575	300 mm (screws not supplied)
60576	400 mm (screws not supplied)
60577	500 mm (screws not supplied)
60578	600 mm (screws not supplied)



The rails described above are not salt mist resistant (200 hours) and cannot withstand a static pressure of 200 kg.

#### **WC Ø 25 mm**





### THE PRESTO +: Invisible fixings.

#### Angled grab bar 135°, chrome-plated stainless steel 201

60579 Chrome-plated stainless steel 220 x 220 mm (screws not supplied)

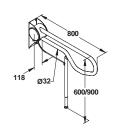
Chrome-plated stainless steel 400 x 400 mm (screws not supplied)



The rails described above are not salt mist resistant (200 hours) and cannot withstand a static pressure of 200 kg.

#### WC





#### Twin folding rail with leg

800 mm steel with white epoxy finish
With latch to keep the bar lifted-up





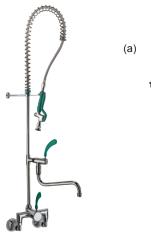


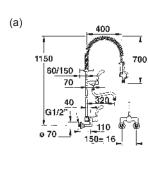
# PROFESSIONAL TAPS AREA / PRESTO MAESTRO®



- 10L/min built-in flow limiter. NF non-return valve. Non-slip handle.
- Levers allowing the water to be turned on by pushing with a ladle, a pan or an elbow.
- Adapts to all types of bowls and sinks. Mixers with extensions for installation on an oven.
- Telescopic spouts to fill large containers and flow rates designed for intensive use in large kitchens.

# Wall-mounted 2 holes single-lever mixer

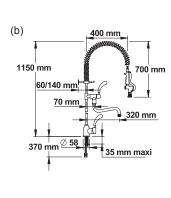




70558 70559 With adjustable jet spray head With adjustable jet spray head and filler spout (a)

# Deck-mounted hole single lever mixer

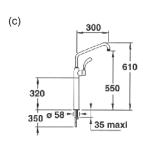




70552 70553 With adjustable jet spray head With adjustable jet spray head and filler spout (b)

# Deck-mounted one hole single lever mixer

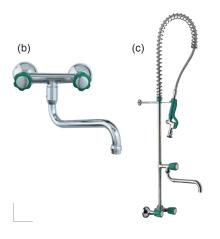


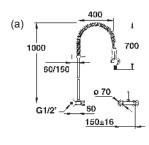


70565

With reinforced gooze neck spout - L.300 mm Extension of 320 mm Inlet copper pipe 12/14 to weld (c)

#### Wall-mounted 2 holes mixer





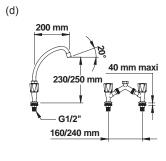
70556 70567 With adjustable jet spray head (a) With reinforced spout 32 mm Length 250 mm- Flow: 60 l/mn (b)

70557

With adjustable jet spray head and telescopic filler spout (c)

#### **Deck-mounted 2 holes mixer**

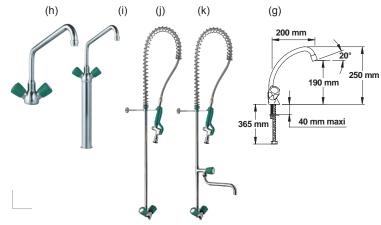




70566 70554 70555

With reinforced gooze neck spout (d)
With adjustable jet spray head (e)
With adjustable jet spray head
and telescopic filler spout (f)

# Deck-mounted one hole mixer



70563 With reinforced gooze neck spout length 200 mm (g)
70562 With reinforced gooze neck

70564

70550

70551

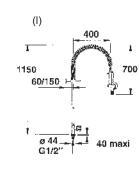
With reinforced gooze neck 300 mm (h)
With reinforced spout lenght 300 mm and extension (i)

With adjustable jet spray head (j) With adjustable jet spray head and telescopic filler spout (k)

# Deck-mounted one hole pillar tap

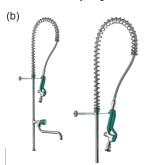


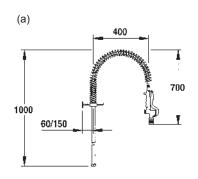




70560 70561 With adjustable jet spray head (I) With adjustable jet spray head tescopic filler spout (m)

# Pillar with spray head





# Pillar with spray head

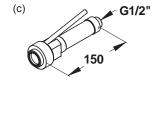
**70568** Height 1000 mm (a) Height 800 mm

# Pillar with spray head and telescopic filler spout

**70570** Height 1000 mm (b) **70571** Height 800 mm

# Spray head





# Universal spray head only

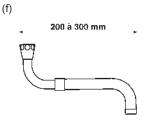
70572 Suitable for all brands - MG 1/2" (c)

70594 With locking system and

shock resistant end piece - MG 1/2" (d)
Handle for spray head réf 70594 (e)

#### **Spout**





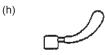
70585	3/4" spout - 200 mm for ref 70566
70583	3/4" spout - 250 mm for ref 70567
70584	3/4" gooze neck spout for ref 70562
70582	3/4" telescopic spout - 200 to 300 mm (f)

## Lever





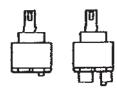




70580	Lever for single lever mixer (g)
70579	Lever for filler spout (h)
90631	Blue / red marker for mixer control button

# Ceramic disc cartridge





**70586** Cartridge for wall-mounted

single lever mixer

70587 Cartridge for deck-mounted

single lever

Head





Head for mixers MAESTRO® range

70590 1/4 turn ceramic head - G 1/2"

**70591** for refs: 70562, 70564, 70556, 70567,

70560 et 70561

**Spring** 



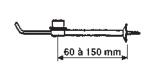


**70576** 56

56 turns stainless steel spring, length 700 mm

Wall bracket

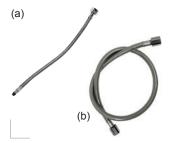


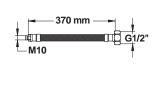


70581

Adjustable wall bracket, 60 to 150 mm

Hose and bush





Food grade hose

**70588** F 3/8" - length 370 mm - set of 2 (a) F 1/2" - length 1050 mm (b)

**70575** F 1/2" - length 1800 mm **70573** F 1/2" - length 750 mm

Socket

90259 With non-return valve Ø 1/2"

# PROFESSIONAL TAPS AREA / PRESTO® 5750 / SENSAO® 6000 RANGE



- Automatically stops when the hands are removed (excluding START/STOP models).
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Automatic 30-second rinse every 72 hours after the last use.
- Adjustable maximum temperature limiter.
- PEX hose for improved resistance to thermal and/or chlorine shocks.









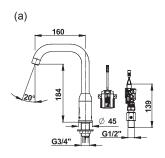






### Single deck mounted SENSAO® 6000







High spout enables use with sterilising filter cartridges.

With integrated 6V CRP2 lithium battery

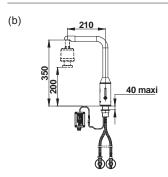
55451 With PEX hoses and fixed spout (a)

With 230 VAC/7 VDC IP65 transformer

55450 With PEX hoses and fixed spout

#### Mixer tap with high spout







High spout enables use with sterilising filter cartridges. High spout for use with disinfection cartridge.

# With integrated 6V CRP2 lithium battery

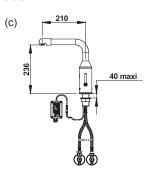
55132 With PEX hoses and swivel spout55133 With PEX hoses and fixed spout

#### With 230 VAC/7 VDC IP65 transformer

55137 With PEX hoses and swivel spout (b)55138 With PEX hoses and fixed spout

## Mixer tap with standard spout







High spout enables use with sterilising filter cartridges.

# With integrated 6V CRP2 lithium battery

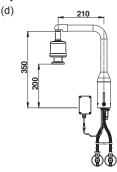
55130 With PEX hoses and swivel spout55131 With PEX hoses and fixed spout

# With 230 VAC/7 VDC IP65 transformer

55135 With PEX hoses and swivel spout (c)
With PEX hoses and fixed spout

#### Start/stop mixer tap - fixed spout







High spout enables use with sterilising filter cartridges. High spout for use with disinfection cartridge.

# With integrated 6V CRP2 lithium battery

With PEX hoses (d)

With 230 VAC/7 VDC IP65 transformer

55139 With PEX hoses



- Mixer with Start/Stop function activated by detection of the hand on the left side of the tap.
- High spout for use with disinfection filter cartridge.
- Side lever mixing system.
- PEX hoses resistant to high chlorine sanitization.

#### Electronic operation:

- Activated by presenting the hand on the left side of the tap. (Distance = 5 to 10 cm)
- Shut-off by new hand detection or after security time of 30 seconds.
- Automatic rinsing every 72 hours after the last use (30-second flow for legionella eradication).



- Automatically stops when the hands are removed.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Automatic 30-second rinsing every 72 hours after the last use.
- Adjustable maximum temperature limiter (6 positions).











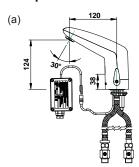






# **VOLTA®** deck-mounted mixer tap





With integrated 6V CRP2 lithium battery

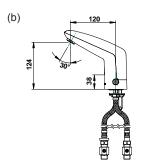
With PEX hoses and straight stop valves

With 230 V power supply AC/7 VDC IP65 (a)

With PEX hoses and straight stop valves (a)

# VOLTA® deck-mounted mixer without lever





With integrated 6V CRP2 lithium battery

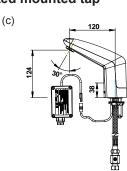
With PEX hoses and straight stop valves

With 230 V power supply AC/7 VDC IP65 (b)

With PEX hoses and straight stop valves (b)

#### **VOLTA®** single deck-mounted mounted tap





With integrated 6V CRP2 lithium battery

55062 With PEX hoses and straight stop valves

With 230 V power supply AC/7 VDC IP65 (c)

With PEX hoses and straight stop valves (c)



All PRESTO® mixer taps are supplied with PEX hoses to resist to thermal shock treatment and chlorine sanitization.

COMPLEMENTARY PRODUCTS



Straight stop valve 29860 Straight stop valve

Angled stop valve

29870 Angled stop valve

# PROFESSIONAL TAPS AREA / CONCEALED SENSAO® EXPOSED SENSAO®



- Automatically stops when the hands are removed.
- Anti-blocking system preventing continuous flow for more than 30 seconds.
- Automatic 3-second rinsing every 72 hours after the last use.









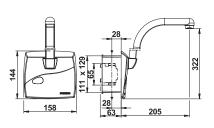






# SENSAO® 5300 H concealed tap - battery powered



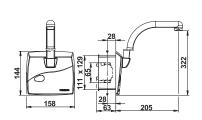


#### With integrated 6V CRP2 lithium battery

Ivory white finish 55255 Satin grey finish

# SENSAO® 5100 H concealed tap - main powered



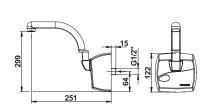


# With 230 V power supply AC/7 VDC IP65

55205 Ivory white finish 55215 Satin grey finish

#### SENSAO® 5200 H exposed tap - battery powered





### With integrated 6V CRP2 lithium battery

55225 Ivory white finish 55235 Satin grey finish





PROG	. DEFINITION	T 1	T 2	APPLICATIONS AND COMMENTS
N°1	Hand-washing Short detection	1.5 s	30 s	Hand detection, the taps are with this standard program. It is suitable for most uses.
N°2	Hand-washing Long detection	1.5 s	30 s	Body detection, this program is equipped with a delayed flow action to avoid unwanted operation while somebody walks in front of the basin.
N°3	Filling Short detection	15 s	2 mn	Hand detection, T1 and T2 are increased to allow containers to be filled.
N°4	Hospital Long detection	30 s	5 mn	Body detection, T1 and T2 are adapted to the washing time required to disinfect hands in a hospital environment, (operating room, etc.)

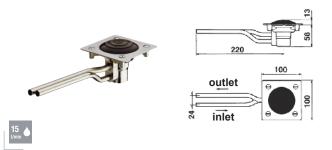
# PROFESSIONAL TAPS AREA / KNEE AND FOOT CONTROLS



- Slow shut-off to prevent water-hammering.
- Hands-free operation guarantees total hygiene.
- Wall- or floor-mounted.
- Foot-control pedal twice as resistant as an equivalent brass pedal.
- · Visual contrast with light-colored floors for more safety.



#### PRESTO Sol 509



# PRESTO SOL 509 for floor-mounting

23100 8/10 mm inlet and outlet tubes

# PRESTO 520 (wall or floor mounting)



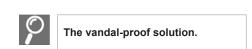


#### PRESTO SOL 520 single pedal

23614 Cold water or pre-mixed 90524 Extension for PRESTO SOL 520 and 530

#### PRESTO 530 (wall or floor mounting)

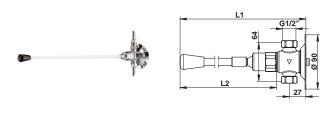




# PRESTO 530 dual pedal

23644 Cold water and hot water

PRESTO 712



#### PRESTO 712 knee-operated control tap

31683	L1 = 390 mm - L2 = 340 mm	<b>₽</b> /II
31919	L1 = 490 mm - L2 = 440 mm	
31646	L1 = 560 mm - L2 = 510 mm	

# COMPLEMENTARY PRODUCTS



OOM L	
FOR PF	RESTO 520 - 530
Interch	angeable heads
01025	Cold water head
01026	Hot water head

<b>Product</b>	purchased	after	May 2013	

**01027** 4 to 7 seconds head

**☞**/||

**☞**/||

# PROFESSIONAL TAPS AREA / SPOUTS



- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.
- · According to the model, smooth interior surface with no water retention avoiding stagnant water where bacteria can multiply.
- According to the model, 6L/min flow limiter.
- Reinforced attachment or cross-partition mounting.



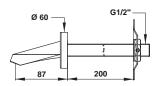




# Short spout without water retention







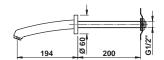
#### Short spout with finishing rose and vandal-proof flow straightener

0	reat transferring recent tarratar procession entargritories
30901	For partition thickness 1 to 200 mm (a)
30906	For partition thickness 200 to 300 mm
30903	Female inlet 1/2"
30900	Male inlet 1/2"

#### Long spout without water retention

(b)



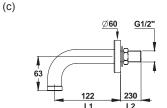


#### Long spout with finishing rose and vandal-proof flow straightener

30616	For partition thickness 1 to 200 mm (b)
30625	For partition thickness 200 to 300 mm
30620	Female inlet 1/2"
30621	Male inlet 1/2"

#### Tube spout 26 mm





#### Tube spout with aerator and finishing rose

30313	LengthL1 = 120 mm
	Threaded length L2 = 230 mm
30311	LengthL1 = 120 mm
	Threaded length L2 = 50 mm (c)
30317	LengthL1 = 200 mm
	Threaded length L2 = 230 mm
30315	LengthL1 = 200 mm
	Threaded length L2 = 50 mm

#### **Deck-mounted spout**





#### Spout with 6 l/min aerator and finishing rose - 1/2" male inlet

opout "	itir o minim dorator and minoring rood in a maio miot	
30302	Fixed spout	
30202	Swivel spout 120°	



- Pull-out spray head facilitating rinsing of food.
- Medical lever L.170 mm, or openwork lever.
- PRESTO laminar flow straightener guaranteeing the flow of water is air-free.
- PEX hoses resistant to thermal and/or chemical shocks.



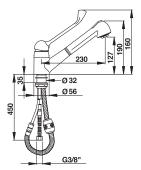






# Mixer tap with pull-out spray head with 2 jets





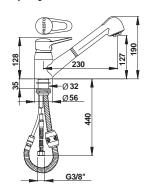




60050 Control lever 170 mm long 60082 Spray head 2 jets only

Mixer tap with 2-jet pull-out spray









60081 Openwork lever
60082 Spray head 2 jets only



All PRESTO® mixer taps are supplied with PEX hoses to resist to thermal shock treatment and chlorine sanitization.

#### COMPLEMENTARY PRODUCTS



70633	Soap dispenser
60561	Wall-mounted soap holder
60560	Hand-towel dispenser

# PROFESSIONAL TAPS AREA / FLOOR TRAPS



- Adjustable height with markers for adaptation to any floor level. Vertical or horizontal outlet.
- Floor drain: 50 mm according to NF 1253.
- Flow: 48L/min according to NF EN 1253.
- Stainless steel grid. Withstands temperature peaks up to 85°C and detergents. Removable plunger.



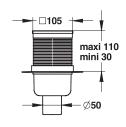






#### Floor drain

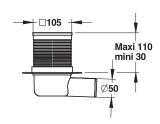




60476 Stainless steel grid 105x105 - Straight outlet

# Floor drain

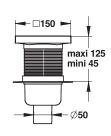




60475 Stainless steel grid 105x105 - Side outlet

#### Floor drain

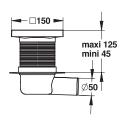




60478 Stainless steel grid 150x150 - Straight outlet

#### Floor drain





60477 Stainless steel grid 150x150 - Side outlet

#### **COMPLEMENTARY PRODUCTS**



Safety shower (see p.215)

85753 Ceiling inlet - Fixed head - Male 1/2"

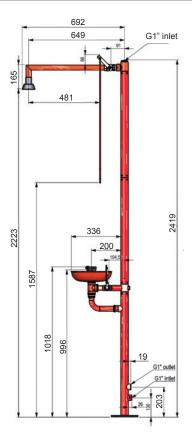
Safety eye-wash (see p.216)

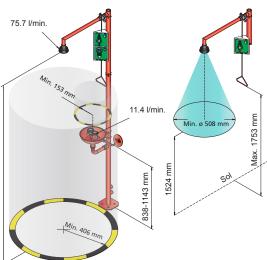
85760 Concealed inlet - 2 jets model

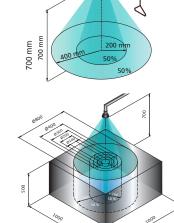
# PROFESSIONAL TAPS AREA / COMBINED SAFETY SHOWER/EYE WASH











#### 85671 / COMBINED SAFETY SHOWER/EYE WASH

Shower head with self-draining device Eye wash with integrated flow regulator Recipient in stainless steel with outlet

# COMPLIANT WITH STANDARDS ANSI Z 358.1 - 2004, AND EN 15154-1&2

#### There are 2 tap safety standards:

- European standard EN15154-1&2
- American standard ANSI Z 358.1 2004

# EXTRACTS FROM STANDARD - ANSI Z 358.1-2004 Specifications :

- the safety shower and eye wash must be installed as close as possible to the potential hazard
- it must be possible to activate it within a maximum of 10 sec. , which corresponds to the time required to cover a distance of 10 to 15 m.
- the eye wash must deliver at least 11.4 l/min for at least 15 minutes
- the handle must be at a maximum height of 175.3 cm.
- the tap must switch from closed to open in less than 1 sec.
- the safety shower must deliver a minimum flow of 75.7 l/min for at least 15 minutes
- the diameter of the jet must be at least 50.8 cm. This measurement must be achieved 152.4 cm from the floor.
- the shower head must be installed at a height of between 208.3 and 243.8 cm.
- the jets of the eye wash must be located between 83.8 and 114.3 cm
- the shower must be activated at least once a week
- the water delivered must be warm (between 15° and 25°C)

#### **EXTRACTS FROM STANDARD EN15154-1&2**

#### Safety shower:

- the effective water distribution area, 700 mm under the shower head, must be as shown in the following diagram: 95% of the water delivered must be within a circle of 800 mm in diameter, 50% (± 10%) of the water must fall within a circle of 400 mm in diameter.
- If no local or national regulations are applicable, the water flow must be constant and at least 60 l/min.
- the shower must be able to supply water for at least 15 minutes.
- the velocity of the water must be sufficiently low to avoid injuring then user.
- the height under the shower must be at a distance of 2200  $\pm$  100 mm in relation to the ground.
- $\hbox{- the tap to switch on the water supply must not switch off automatically}.\\$
- the manufacturer must provide instructions for installation, operation and maintenance with the equipment.
- the shower must be supplied with normalised signs.

#### Eve-wash:

- the water flow must be constant and at least 6 l/min. The valve must be operational within 1 second.
- the eye washer must be able to supply water for at least 15 minutes
- the velocity of the water must be sufficiently low to avoid injuring
- the height of the water flowing from the jets must be between 100 and 300 mm
- the jets must be at a distance of 1000 (± 200 mm) in relation to the ground



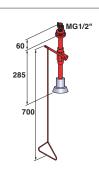


- Ergonomic lever allowing the water to be turned on in less than 1 second.
- Wall, ceiling or exposed pipe water inlet for greater freedom of installation.



# **Ceiling-mounted**

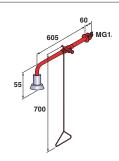




85753 Fixed head - Male 1/2"

#### Wall-mounted

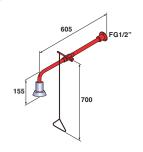




85754 Fixed head - Male 1/2"

#### Wall-mounted for exposed pipework

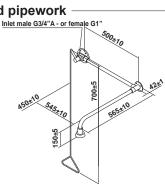




85755 Fixed head - Female 1/2"

# Wall-mounted for exposed pipework

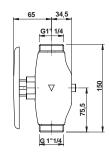




Fixed head - Male 3/4" - or Female 1" 86203

### PRESTO ECLAIR XL DV







#### FORESEE:

- a floor drain (p. 206).
- a safety thermostatic mixing valve for pre-mixed water supply (p. 66).

13017

In-line installation - Male inlet G1" 1/4 (33x42), flow time 7 to 10 seconds

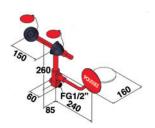


- Ergonomic control plate allowing the water to be turned on in less than 1 second.
- Table, wall or concealed mounting for greater freedom of installation.



# Table-mounted for exposed pipework

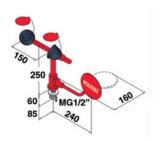




85762 2 Heads - Push control - G 1/2"

# Assembly on concealed water supply

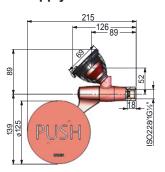




85760 2 Heads - Push control - G 1/2"

# Assembly on concealed water supply





85763 Single jet model 1 Head - Push control - G 1/2"

### Table mounted



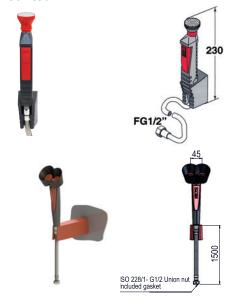
85768 Trigger control with table guide - G 1/2"



- Ergonomic control plate allowing the water to be turned on in less than 1 second.
- Table, wall or concealed mounting for greater freedom of installation.



#### Wall mounted



85767 Single jet model.

Trigger control with hose G1/2" (15x21)

86202 2 jet model.

Trigger control - G 1/2"

PUSH

85761 2 jet model - Lever-operated - G 1/2"

85765

2 jet model with basin - Lever-operated - G 1/2"

86204

First-aid kit including: First-aid kit including: sterile solutions, wipes, anti-scald gel, compression bandages, dressings

#### **COMPLEMENTARY PRODUCTS**



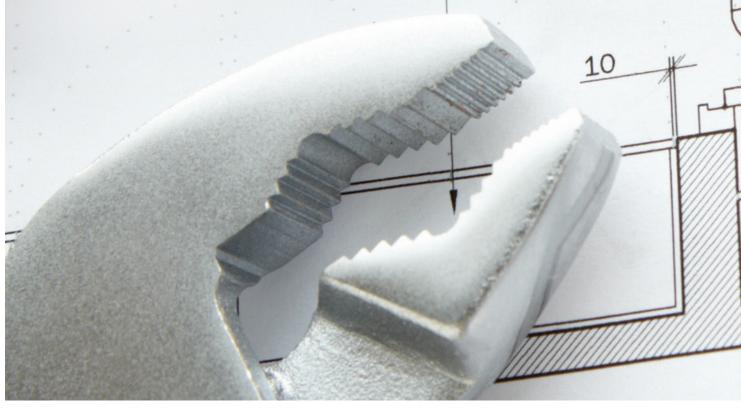
29002	Thermostatic safety control regulator
29003	Thermostatic regulator with disconnectable temperature control

29007	Thermostatic regulator 3/4"	
29006	Thermostatic regulator 1/2"	
29006	Thermostatic regulator 1/2"	



# MAINTENANCE

SPARE PARTS FOR MAINTENANCE AND REPAIR	214
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# MAINTENANCE AREA / INTERCHANGEABLE HEAD FOR WASHBASIN

### PRESTO 504 - 512 TC - 600 - 605 - 612 —

PRESTO 605 / 605 S®



PRESTO 600 / 600 S®





01028 Cold water 01029 Hot water

PRESTO 504 S<sup>®</sup> - 512 S<sup>®</sup> TC - 600 S<sup>®</sup>- 605 S<sup>®</sup>

PRESTO 504 / 504 S®





PRESTO 612





01030 Cold water 01031 Hot water

PRESTO 507

PRESTO 507





01027 Head for PRESTO 507

PRESTO 3000 - 3000 S® -

mixer tap 3000 - mixer tap 3000 S®





01029 For PRESTO 3000 For PRESTO 3000 S® 01031

### MAINTENANCE AREA / INTERCHANGEABLE HEAD FOR WASHBASIN

### PRESTO 705 - 704® @





01039

Hot / Cold water

PRESTO 712 🐠





**01037** Head for PRESTO 712 (a)

01041 Head for PRESTO 712 S® anti-blocking system

01159 Head for PRESTO 712 without lever

### **PRESTO 7000**





01038

Head for PRESTO 7000

PRESTOMAT 2000 - 2000 S $^{\circ}$  - 2010 - 2010 S $^{\circ}$  PRESTOMIX 2020 - 2020 S $^{\circ}$ 







PRESTOMAT 2010/ 2010 S®



### Without control-button

01035 Cartridge - standard version

01036 Cartridge - version S® anti-blocking system

## MAINTENANCE AREA / INTERCHANGEABLE HEAD FOR WASHBASIN

### PRESTO MIXER TAP 4000S® BN - 4000S® BC @









01023 01024 Head with black push-button

Head with chrome-plated brass button

### PRESTO 3500 BC - 3500 BN

PRESTO 3500 BN









Head with chrome-plated knob 10 - 20 seconds Head with black knob 10 - 20 seconds Head with chrome-plated knob 20 to 35 seconds Head with black-plated knob 20 to 35 seconds

### **PRESTO 509**





01034

Head for PRESTO SOL 509

### PRESTO 520 - 530 @

Models before 2013 :







Model from 2013 :



Models before 2013

01025 Cold water 01026 Hot water

Model from 2013

Head 4 to 7 secondes 01227

### MAINTENANCE AREA / INTERCHANGEABLE HEAD FOR WASHBASIN SOAP DISPENSER

### PRESTO 905 -

PRESTO 905





01032 Head for PRESTO 905

### PRESTO 904

PRESTO 904





01032 Head for PRESTO 904

PRESTO 914

PRESTO 914





01033 Head for PRESTO 914 with lever
Head without lever for PRESTO 914

### **PRESTO 915**

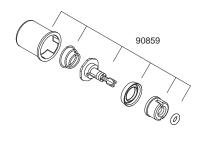
PRESTO 915





01033 Head for PRESTO 915 with lever01151 Head without lever for PRESTO 915

### Valid for PRESTO 905 / 904 / 914 / 915



90859 5 soap valves set

### MAINTENANCE AREA / INTERCHANGEABLE HEAD FOR SHOWER

### PRESTO 50 @

PRESTO 50







01053

01014

01032 Head for PRESTO 905 Head for PRESTO 50 / 50 TC 01010 01053 Head for PRESTO 50 P

Head for PRESTO 50 H with disc 01011 Head for PRESTO 50 B models till end 1985

01012 Head for PRESTO 50 B models from beginning 1986

Head for P50 for PRESTOTEM® panel 01221

### PRESTO DL 350 S<sup>®</sup> / 500 S<sup>®</sup> / 500 S<sup>®</sup> B / 500 S<sup>®</sup> PAP





01184 Head for PRESTO DL 350 S® - cartridge 01185 Head for PRESTO 500 S® and 500 S® PAP and 500 S® B

### 6.HYDROPOOL CC / CP And PRESTO S4





01053 Concealed head for HYDROPOOL CC / CP 90129 Compete cartridge with wall plate for PRESTO S4

**ALPA® PRESTO MIXER TAP ALPA® S PRESTO MIXER TAP** 



MITIGEURS ALPA





**ALPA® PRESTO MIXER TAP** 

01015 01017

01020

01022

01232

Head for ALPA® with extended head and chrome-plated knob 01220 Head for ALPA® with chrome-plated knob for PRESTOTEM® panel (with tightening nut)

Head for ALPA® with black knob Head for ALPA® with chrome-plated knob

Head for ALPA® with extended head and black knob

**ALPA® S® PRESTO MIXER TA** Head for ALPA® S® chrome-plated knob 20/35 short 01230 Head for ALPA® S® with chrome-plated knob 20/35 01231 PRESTOTEM®

with chrome-plated knob 20/35 ALL ENCAS Head for ALPA® S® with chrome-plated 01233 knob 20/35 ALL PAROI

Head for ALPA® S®

01234 Head for ALPA® S® 20/35 for cross-partition

PRIMER DL 30 / DL 40

01175 Concealed trigger head for DL 30 / DL 40

### PRESTO ECLAIR DV -

PRESTO ECLAIR DV





01006 Head for PRESTO ECLAIR DV (before 2005)

with green disc

01252 Head for PRESTO ECLAIR XL DV

(from 2005) delivered without green disc

PRESTO 12 @ And 120B





01027

Head for PRESTO 12 / 12 A / 12 TC

PRESTO 120B

01190

01013

Head for PRESTO 120B

PRESTO 60 / 60 TC @ and 60 B









01009 01013

01009 Head for PRESTO 60 / 60 TC 01008 Head for PRESTO 60 B, (models till end 1985)

Head for PRESTO 60 B (models from beginning 1986)

### PRESTO ECLAIR / ECLAIR XL / P 1000 XL



PRESTO ECLAIR



01005



01007

01007	Head for PRESTO ECLAIR AS
01005	Head for PRESTO ECLAIR TC (cross-partition)

Head for PRESTO ECLAIR H

01144 01006 Head for PRESTO ECLAIR H (with disc) Head for PRESTO ECLAIR XL 01250

01270 Cartridge kit P1000 XL 01251

Head for PRESTO ECLAIR XLTC



PRESTO 1000 XL



PRESTO ECLAIR XL



01144



01250



01270

### PRESTO 504 - 512 - 600 - 605 - 3000

PRESTO 605/605 S



PRESTO 504/504 S/507



PRESTO 600/600 S



PRESTO 3000/3000 S



90200	20 O-rings

90202 5 complete blue pistons + 5 O-rings + 5 cylinders + 5 counter-pieces

+ 5 lip seals

90203 5 complete red pistons + 5 O-rings

+ 5 cylinders + 5 counter-pieces

+ 5 lip seals

90405 1/2" nut, seal and washer kit

90841 10 lip seals

90835 10 springs

90647 5 flow straighteners (model PRESTO 605

and 3000 from 01/01/2004)

90208 20 flow straighteners (only model

PRESTO 504 / 600)

90234 20 plugs for wintering

### PRESTO 507 - 612

PRESTO 612



90206	5 complete green	pistons + 5 O-rin	gs
-------	------------------	-------------------	----

+ 5 cylinders + 5 counter-pieces

+ 5 lip seals

### SWIVEL SPOUT

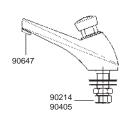
### Spout with aerator

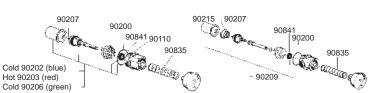
30916 Connector nut G 1/2" Connector nut G 3/4"

### PRESTO 504 S® - 512® TC - 600 S® - 605 S® - 3000 S®









### 90207 20 cleaning needles

**90200** 20 O-rings

90209 5 mounted valves + 5 springs + 5 o-rings + 5 cylinders

+ 5 washers + 10 step o-rings + 5 counter-pieces

+ 5 safety spacers

90215 5 springs + 5 nitrile washers 90405 1/2" nut, seal and washer kit 90841 10 lip seals

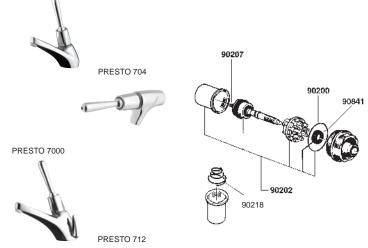
90835 10 springs

90647 5 flow straighteners (model PRESTO 605 and 3000) from 01/01/2004

90208 20 flow straighteners90234 20 plugs for wintering

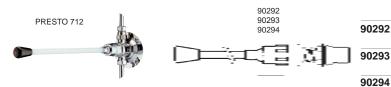
### PRESTO 705 - 704 - 712 - 7000





90208	20 flow straighteners for 504, 605		
90214	10 brass nuts G1/2" (15x21)		
90647	3		
	and 3000 from 01/01/2004)		
90234	20 plugs for wintering		
90207	20 cleaning needles		
90200	20 O-rings		
90202	5 complete blue pistons + 5 O-rings + 5 cylinders		
	+ 5 counter-pieces + 5 lip seals		
90218	5 springs + 5 nitrile washers for 712 S®		
90847	5 springs + 5 washers for P704/705		
90872	Lever only, length 72 mm		
90875	25 G1/2" flat seals		

Lever for 712



**90292** 1 Lever length 340 mm

+ ball joint + lever holder

1 Lever length 440 mm

+ ball joint + lever holder

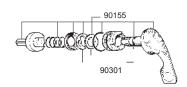
1 Lever length 515 mm + ball joint + lever holder

90846 5 springs and nitrile washers

Lever PRESTO 3000 - 3000 S® - 7000

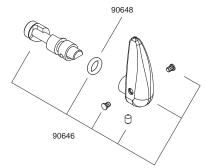






### PRESTO 7000





Models till end 2003	odels till en	ıd 2003
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90155 Complete lever

**90301** 5 O-rings + 5 washers + 5 circlips

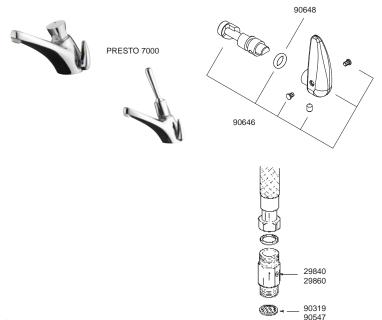
+ 5 covers + O-rings

90648 5 O-rings for mixer lever

90646 Complete mixer lever and fastening screw

### Lever for PRESTO 3000 - 3000 S® - 7000

PRESTO 3000/3000 S



### Models from 01/01/2004

Models	110111 0 1/0 1/2004
90646	Complete mixer lever and fastening screw
90648	5 O-rings for mixer lever
90830	2 3/8" hoses with non-return valve
29840	G1/2" straight stop valve with filter gasket
90319	20 G1/2" filter gaskets
29860	G3/8" straight stop valve
90547	20 G3/8" filter gaskets

### PRESTO 905 / 904 / 914 and 915



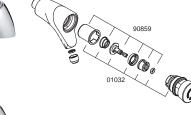
PRESTO 914





PRESTO 905





0859	5 soap valves
4000	Headfor DDE

01033 Head for PRESTO 914/915 with lever 01032 Head for PRESTO 904/905

90859 Set of 5 soap valves

### PRESTO CARE®

MIXER TAP ref. 60050





MIXER TAP ref. 60056

MIXER TAP ref. 60251





MIXER TAP ref. 60055

MIXER TAP ref. 60053





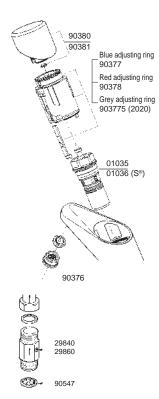
60074	Cartridge for mixer ref. 60050 and 60081
60072	Hose for spray head
	réf. 60050, 60058, 60059 and 60081
60076	Cartridge for mixer
	réf. 60051,60053, 60083, 60091 and 60092
60073	Cartridge for mixer
	réf. 60056, 60089, 60090, 60093, 60094, 60095
	and 60096
60075	Cartridge for mixer réf. 60055
60070	Cartridge for mixer
	réf. 60251 and 60252
70010	Cartridge for mixer
	réf. 60257 and 60258
60069	Thermostatic cartridge for mixer
	réf. 60251, 60252, 60257 and 60258
60071	Hand-held shower pour réf. 60050
60637	Pex hosesØ 10x100 lengh 360 mm
60638	Pex hosesØ 10x100 lengh 410 mm
60639	Pex hosesØ 10x100 lengh 515 mm
60640	Pex hosesØ 10x100 lengh 650 mm
60641	Pex hosesØ 11x100 lengh 360 mm

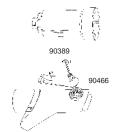
### MAINTENANCE AREA / MAINTENANCE SET FOR WASHBASIN

### PRESTOMAT 2000 - 2000 S® and PRESTOMIX 2020 - 2020 S®

PRESTOMAT® 2000 / 2000 S®

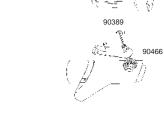






PRESTOMAT® 2010 / 2010 S<sup>®</sup>





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90380	Standard push-button
90381	S® Series push-button

### Flow straightener

90376 2 flow straighteners 3,8 I

### Mixer lever

For P2020 / 2020 S® 90466

### Adjusting ring (skirt)

90377	Blue
90378	Red
90375	Grey (for PRESTOMIX 2020)

### Stop valve

29840	G1/2" straight stop valve with filter gasket
90319	20 G1/2" filter gaskets
29860	G3/8" straight stop valve
90547	20 G3/8" filter gaskets
90830	2 3/8" hoses with non-return valve

#### Connector

90366 2 non-return socket with flow regulator 4 l/min

#### Flow regulator

90242	5 flow regulators 4 l/mn
90243	5 flow regulators 5 l/mn

### Set for standard head

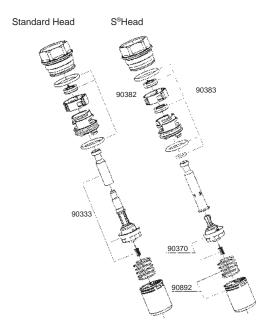
90333	Set of 2 standard pistons
90382	Set of spare O-rings

### Set for anti-blocking head

90370	5 security pistons	
90383	Set of spare O-rings	
90901	5 push-button springs	







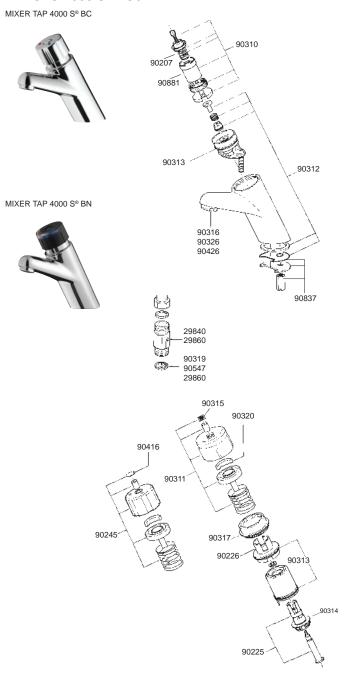
PRODUITS COMPLÉMENTAIRES



The «essentials»

### MAINTENANCE AREA / MAINTENANCE SET FOR WASHBASIN

### PRESTO 4000 S® BC / BN



90207	20 cleaning needles
90310	5 complete pistons + 5 piston springs
	+ 5 distributors + 5 rings
90312	2 complete body mixer button
	+ 1 base seal + 2 springs
90266	10 aerators 6 l/mn
90316	8 flow straighteners
90326	10 aerators without flow regulator
90426	2 vandal-proof aerator
	with service key
90648	O-rings
29840	G1/2" straight stop valve with filter gasket
90319	20 G1/2" filter gaskets
29860	G3/8" straight stop valve
90547	20 G3/8" filter gaskets
90830	2 G3/8" hoses with non-return valve
90659	2 complete flow regulators (non-return valve)
90837	Fixing kit: 2 flanges + flange seals + M8 nuts +
	fixing nut
90879	Wrench for PRESTO 4000 S®
90880	5 black push-button + inserts
90881	10 cylinders
90313	10 O-rings (tête 35x2)
90317	2 nuts
90320	5 temperature limiters
90225	5 shafts and stems
90226	1 hub, 2 O-rings
90311	1 nut, 1 logo insert, 1 head spring,
	1 chrome-plated brass push-button
90315	10 logos inserts for black push-button
90245	1 nut, 1 logo insert, 1 head spring,
	1 chrome-plated brass push-button
90314	10 O-rings (16,3x2,2)
90246	10 inserts for chrome-plated brass
	push-button(before 10/2006)
90416	10 inserts for chrome-plated
	brass push-button (after 10/2006)
90085	Pack of 5 positioning drums
Nouvea	u model de 4000 S (from fin 2012) :
90060	5 aerators with flow regulator 3 l/min (M24x1)

### **THERMOSTATIC SAFETY REGULATOR 29003**



90437	Complete button
90439	2 nuts + 2 Non-return valves

### PRESTO 3500 BC / BN -

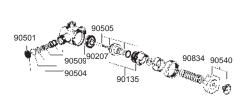
PRESTO 3500 BN / BC





MIXER TAP 4000 S® BN





90135	1 lip seal, 2 inner O-ring,
	2 outer O-rings, washer
90207	20 cleaning needles
90227	Complete ball joint
	with connector and straightener
90538	5 pistons for PRESTO 3500 10 to 20 seconds
90509	Non-return valves with flow-regulator
	(models from beginning 1986) 10 complete valves,
	10 springs, 10 washers, 10 discs, 10 filter gaskets
90501	20 filter gaskets
90539	10 Alpa name plates
90540	Black control knob - 1 knob, 1 disc
90770	With chrome-plated knob pour ALPA: 3500
90504	Non return valves, complete valves, springs, bases and
	O-rings, discs, filter gaskets (x 10)
90048	5 pistons pour PRESTO 3500
90843	10 lip seals
90503	Clapand anti-retour (jusqu'à fin 1985) 10 clapets
	complets, 10 springs, 10 sièges and joints
	toriques, 10 joncs, 10 filter gaskets
90834	5 springs
90902	5 cylinders

### **PRESTO SOL 509**



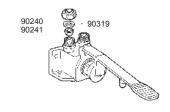
90207	20 cleaning needles
90400	2 Seals + 2 cups + 2 springs + 8 screws
90404	5 complete pistons + 5 plug gaskets
	+ 5 cylinders + 5 cable gland O-rings
90952	Plate and accessories

### PRESTO 520 - 530

PRESTO 520 (model before2013)







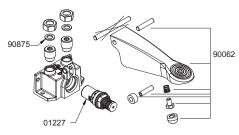


20 G 1/2" filter gaskets (15x21) 90319 90232 5 complete blue pistons 90233 5 complete red pistons 90449 Complete pedal set P 520/530







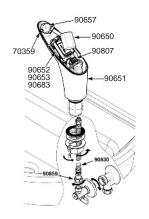


Model from mai 2013:

90062 Complete pedal set 90875 Pack of 25 flat seals G 1/2» 01227 Head (4 to 7 sec.)

### PRESTO SQUALE® 5000 / 5500 / 5600 / 5700 SQUALE® II







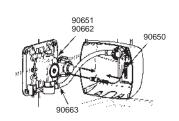
90650	6V lithium battery type 2 CR5	
90652	Battery operated sensor circuit	
90653	Plug-in mains operated sensor circuit	
90683	Mains operated sensor circuit for IP65 transformer	
90651	Battery operated solenoid valve	
90657	Seal kit (O-rings, hose clips)	
90659	2 complete flow regulators (NF non-return valve) (x2)	
70359	Anti-scale aerators with flow limiter 6 l/min (x8)	
90656	Cap for mixer	
29870	Right angle filter stop valve MG1/2" MG3/8"	
90678	Plug-in 9V transformer	
90679	9V IP 65 transformer	
90807	5 cogwheels for mixer	
90830	2 3/8" hoses with non-return valve	
90654	2 reflectors	
SQUALE® II		
90941	Battery set	
90942	Cell for battery operated model	
90943	Cell for mains operated model	
90945	Cell for battery operated Healthcare mode	
90946	Cell for mains operated Healthcare model	
90944	Solenoid valve	
90956	Transformer	
90057	Standard cap	
90058	Capot pour mitigeur	

PRESTO SQUALE® 5000 / 5500 / 5600 / 5700

### SENSAO® 5100 / 5200 / 5300 BEC SENSAO® MURAL

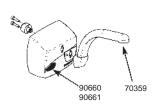
SENSAO® 5200





### SENSAO® 5100/5300





### SENSAO® 5100 / 5200 / 5300

90650	6V lithium battery type 2 CR5
90651	Battery operated solenoid valve
90662	Mains powered solenoid valve
90660	Cell for mains operated
90661	Cell for battery operated
90663	Set of seals (6 O-rings)
70359	6 l/min flow regulator aerator (x8)

### **BEC SENSAO® mural**

	DEC CENTOAC III di di	
90706	Short satin grey spout (70 mm)	
90705	Short ivory white epoxy spout (70 mm)	
90664	Standard satin grey spout	
90665	Standard ivory white epoxy spout	
90666	Long satin grey spout	
90667	Long ivory white spout	

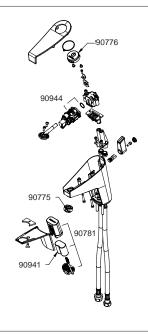
### SENSAO® 6000 / 6100



90703	Sensor circuit (after 2009)
90674	Mains-powered control circuit only
90675	Battery-powered control circuit only
90676	Battery-powered solenoid valve
90650	6V lithium battery type 2 CR5
90840	2 flexible tubes 8x6 mm
90972	New model solenoid valve (2009)
90973	Spout and aerator
90673	Circuit cellule before 2009
Reflector for sensor taps	
90654	2 reflectors

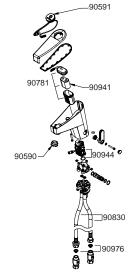
### PRESTO TOUCH®





90775	5 inscrewible aerators with wrench
	(For wall-mounted/mixer/single Touch tap)
90776	Button TOUCH battery powered, mixer and
	wall-mounted tap (for wall-mounted and mixer tap)
90968	Solenoid valve for mixer
	PRESTO TOUCH
90777	Button TOUCH mains powered,
	mixer and wall-mounted tap
90778	Button TOUCH mains/battery
	powered, single tap
90779	Solenoid valve for standard PRESTO TOUCH

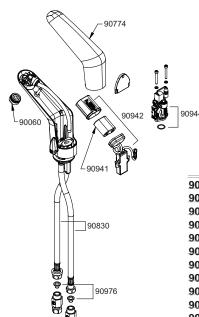
### PRESTO NEW TOUCH



90941	Battery set
90830	2 3/8" hoses with non-return valve
90976	Sachand joint filtre à panier G 3/8 "
90590	5 aerators Neoperl with wrench
90591	Battery/mains powered Touch control button
90781	IR cell, battery remote case, cable
90944	Solenoid valve

### VOLTA® -



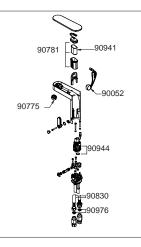


941	Battery set
12	Cell for battery operated model
13	Cell for battery operated model
45	Cell for battery operated Healthcare model
16	Cell for mains operated Healthcare model
4	Solenoid valve
6	Transformer
4	Cap
30	2 3/8" hoses with non-return valve
6	Pack of basket filter seals G 3/8»
0	5 aerators with flow regulator 3 l/min (M24x1)

90976

### PRESTO SO'O®.



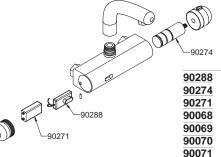


90052	Cell for battery operated model
90053	Cell for mains operated model
90590	5 aerators Neoperl with wrench
90956	Transformer
90941	Battery set
90944	Solenoid valve
90781	Remote CRP2 battery power supply pack
90775	Pack of 5 aerators inscrewibles
90830	2 flexibles G 3/8"

Pack of basket filter seals G 3/8"

### PRESTO 6400 T



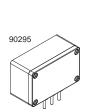


90274	
0288	Electronic circuit
0274	Solenoid valve
0271	9V lithium battery
0068	Themostatic Cartridge
0069	Themostatic Lever set
0070	Kit 2 clapets anti-retour
0071	Remote control

### MODULAR DETECTION





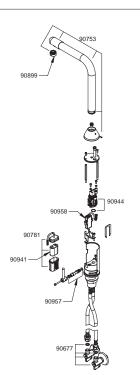




90296	Detection cell + wall plate
90455	Solenoid valve
90295	Control circuit

### **PRESTO 5750**



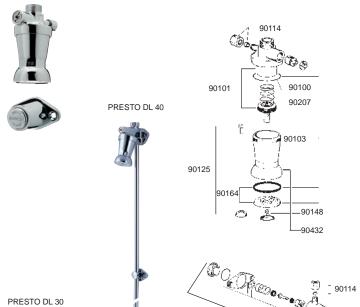


### Pour PRESTO from 07/2008

90941	Battery set
90944	Solenoid valve
90958	Cell for battery/mains powered model
90956	Transformer
90957	Mixing spindle seal
90753	High spout with gasket and locking screw
90754	Standard spout with gasket and locking screw
90677	Right angle G 3/8"- G 1/2"
90781	IR cell, battery remote case, cable
90899	Pack of 10 flow straighteners
90969	Start/stop sensor

### PRESTO DL 30 / DL 40

PRESTO DL 30



90207	20 cleaning needles
90101	5 complete pistons + 5 O-rings
90148	5 shower head screws
90431	Set with regulator screw and O-rings
90125	Set for shower head, 5 shower head nuts,
	5 shower head screws
90103	Sachand 5 grilles, 5 joints de pomme,
	5 O-rings
90432	DL body and assembled shower head
90164	Set with shower head for DL30/40
PRIMER	
01175	Concealed trigger head for encastré DL 30/DL 40
25001	Exposed trigger head for encastré DL30
25910	Exposed trigger head for encastré DL40
90114	10 nuts + 10 cone union fittings
90154	Set for chain-operated DL30:
	chain + handle + bolt
90166	Set for trigger without chain or handle
90604	Concealed trigger head for DL 30 / DL 40
	(model from 1983)
	·

### DL 30 / DL 40 FLOW REGULATOR (All versions - sold in packs of 5)

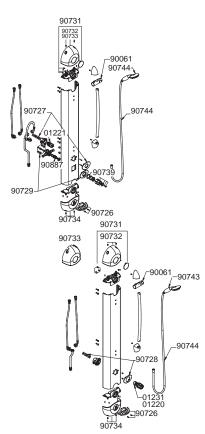
Models before March 1989 (arrow on body)		
90120	6 l/mn - grey	
90121	8 l/mn - white	
90122	10 l/mn - yellow	
90123	12 l/mn - brown	
Models from Mars 1989		
90140	6 l/mn - pink	
90141	8 l/mn - black	
90142	10 l/mn - white	
90143	12 l/mn - orange	

### Panneau PRESTOTEM®





P50

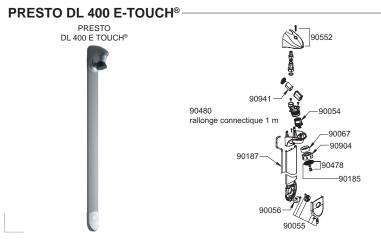


90604

Exposed trigger head

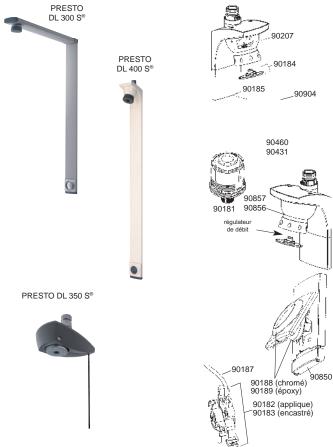
01231	Head for ALPA S PRESTOTEM®
	chrome-plated knob 20/35 PRESTOTEM®
01220	Head for ALPA chrome-plated knob
	for PRESTOTEM® panel (with tightening nut)
01221	Head for P50 for PRESTOTEM® panel
90725	Complete shower head + fixing screws
90726	Soap dish + fixing screws
90727	P50 front plate + fixing screws
90728	ALPA front plate + fixing screws + washers
90729	Thermostatic mixer front plate + fixing screws
	+ washers
90730	Sensor front plate + fixing screws + washers
	fixing screws + washers
90731	Cover plate + fixing screws
90732	Closed cover (no opening)
90733	Open cover ((with holes to run power supply
	cables through)
90734	Cover for hand-held shower
	(hole to run shower hose through)
90739	Chrome-plated knob
	for thermostatic mixer
90888	Electronic circuit for DL 800 (IR cell)
90887	Thermostatic cartridge only
90651	Solenoid valve
90743	Hand-held shower chrome-plated
90145	Flow regulator 6 I/min (pink)
90178	Flow regulator 8 l/min (white)
90146	Flow regulator 10 l/min (yellow)
90185	Shower head grid and Seal
90744	Flexible grey G1/2»
70010	DIN ceramis cartridge 1/2"
90061	Holder for hand-held shower
90083	MIXER TAP

#### PRESTO DL 400 SE® PRESTO DL 400 SE® 90552 90550 Complete trigger for DL400 SE 90181 90551 Complete front plate / rocker switch for DL400 SE 90552 Top cover for DL400 SE + screws 90067 90181 Cartridge DL 300 S® /DL 400 S® 20/35 seconds + 400SE 90478 90185 90478 Complete shower head grid 6 l/min 90904 5 linings 90067 Locking ring pack 90185 DL400 grid pack 90187 Rilsan hose J. Guest (2.5 m) 90550 Complete trigger for DL400 SE 90084 Stop valve



90054	Complete cartridge for DL400 E TOUCH
90055	Plastron + bouton compland DL400 E TOUCH
90056	Complete solenoid valve for DL400 E TOUCH
90478	Complete shower head grid 6 l/min
90552	Top cover for DL400 SE
90941	Battery set
90067	Locking ring
90904	5 Linings
90185	Shower head grid and Seal
90187	Rilsan hose J. Guest (2.5 m)
90480	Connector extension 1m

### PRESTO DL 300 S<sup>®</sup> / DL 400 S<sup>®</sup>



90207	20 cleaning needles
90186	20 O-rings (10 + 10)
90184	1 shower head grid + spike Seal
	+ 1 flow regulator 10 l/min
90185	1 shower head grid + Seal
90460	Satin grey aluminium profile + 4 screws + hook
90461	Ivory white aluminium profile + 4 screws + hook
90444	Complete exposed satin grey shower head for DL 400
90445	Complete exposed ivory white shower
	head for DL 400
90442	Complete concealed satin grey shower
	head for DL 400
90434	Anchor hook set
27146	Shower head set for DL 300
90616	Set of 20 DL cover screws
90181	DL 300 S <sup>®</sup> / DL 400 S <sup>®</sup> cartridge 20/35 seconds
90197	Set with handle + cable for DL 350 S
90904	5 linings
90850	2 DL shut-offs + screws
90857	Satin grey aluminium ring
90856	Ivory white aluminium ring
90448	Set of fixing hooks
90890	50 flat washers 44 x 33 x 0.
FLOW R	EGULATOR FOR DL 400 S <sup>®</sup> - DL 300 S <sup>®</sup> - DL 350 S <sup>®</sup>
	packs of 5)
90145	6 l/mn pink
90178	8 l/mn white
90146	10 l/mn yellow
PRIMER	
90182	Exposed trigger + 2 screws
90183	Concealed trigger + 2 screws
90780	Set of quick couplings x 20
90187	PA66 pipe ( 2.5 m)
90188	Satin grey front plate button + spring
90189	Ivory white front plate button + spring
90903	10 trigger Seals

Kit for DL 400 S shower hose

T connector for capillary tube ref.90633

90963

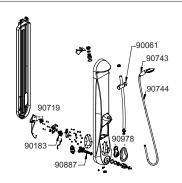
90699

### MAINTENANCE AREA / MAINTENANCE SET FOR SHOWER

### PRESTO DL 800 S®



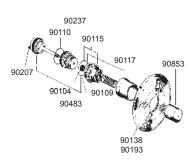




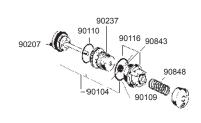
90887	Thermostatic cartridge only
90888	Electronic circuit for DL 800 (IR cell)
90909	Shower reflector
	for programming
90651	Solenoid valve
90719	Start / stop trigger for DL800S
90978	Seal and front plate
90061	Holder for hand-held shower
90743	Hand-held shower
90744	Flexible grey G1/2»
90183	Concealed trigger

### PRESTO 50 / 50 B



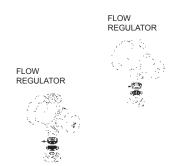






90207	20 cleaning needles
90104	5 complete pistons + 5 lip seals,
	5 counter piece O-rings + 5 plug gaskets
90237	Setting ring + O-ring + counter piece
90109	20 cap O-rings
90110	20 O-rings
90115	Complete plug for P50 B models till 1985
90116	Complete plug for P50
90117	Complete plug + socket + watertight
	socket for P50 B models from 1986
90144	20 frost-proof plug for wintering
90138	Wall plate without gasket
90843	10 lip seals
90848	10 spring washers
90853	P50 B push-button
90193	Compensation plate
90165	Rose for concealed PRESTO 50

### PRESTO 50 FLOW REGULATOR



90120	6 l/mn - grey
90121	8 l/mn - white
90122	10 l/mn - yellow
90123	12 l/mn - brown
	12 mm blown
	from Mars 1989 6 l/mn - pink
Models	from Mars 1989
Models 90140	from Mars 1989 6 l/mn - pink

### PRESTO 500 S® B / 500 S® PAP

PRESTO 500 S® B PRESTO 500 S® PRESTO 500 S® PAP



90414	5 flow regulators 10 l/min for P 500 S®
90198	Set of 2 pistons for P 500S®
90470	Wall plate for P 500 S® B (before 07/2005)
90471	Set of 2 drainage pipes for P 500 S® B
90472	Set of 3 washers for time flow adjustment
90473	Push-button + socket set for P 500 S® B
90722	Push-button set for P 500 S®
90617	Wall plate for P 500 S® B (after 07/2005)

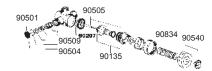
### PRESTO MIXER TAP ALPA® BC / BN PRESTO MIXER TAP ALPA® S®



PRESTO MIXER TAP ALPA







90554

90090 90091

90092

90533

12 l/mn - orange

Non-return valve for ALPA

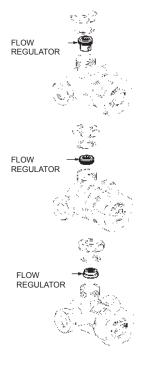
90135	1 lip seal, 2 inner O-ring,
	2 outer O-rings, washer
90207	20 cleaning needles
90503	Non-return valve (models till end 1985)
	10 complete valves, 10 springs, 10 bases and O-rings,
	10 discs, 10 filter gaskets
90504	Non-return valves without flow regulator
	(models from start 1986) 10 complete valves, 10 springs,
	10 washers, 10 discs,10 filter gaskets
90509	Non-return valves with flow-regulator
	(models from beginning 1986)
	10 complete valves, 10 springs, 10 washers,
	10 discs, 10 filter gaskets
90501	20 filter gaskets
90505	5 complete pistons (10 to 20 seconds) + 5 lip seals,
	10 inner O-rings and outer O-rings
	(model before 02/2005)
90539	10 ALPA name plates
90540	Black polyacetal control knob - 1 knob, 1 disc
90770	With chrome-plated knob for ALPA: 3500
90046	5 complete pistons + 5 lip seal +
	+ 10 inner O-rings and outer O-rings
	(models after 02/2005)
90545	Extended plated knob for extended body
90834	5 springs
90843	10 lip seals
90874	ALPA B cover plate (250x250 mm) with screws
90902	5 cylinders
90911	ALPA B cover plate (180x180 mm) with screws
90549	4 TORX screws for ALPA B
90630	Extended black control knob for extended body
PRESTO	O ALPA S MIXER
90167	Piston for ALPA without time flow control

Complete front plate for Alpa concealed mounting

Complete box for Alpa concealed mounting

Complete intermediate front plate for Alpa concealed mounting

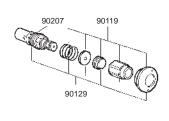
### **ALPA® MIXER FLOW REGULATOR**



90510	6 l/mn - grey
90511	8 l/mn - white
0512	10 l/mn - yellow
90513	12 l/mn - brown
0520	6 l/mn - grey
90520	6 l/mn - grey
90520 90521	6 l/mn - grey 8 l/mn - white
90520 90521 90522	6 l/mn - grey 8 l/mn - white 10 l/mn - yellow
90520 90521 90522	6 l/mn - grey 8 l/mn - white 10 l/mn - yellow
90520 90521 90522 90523	6 l/mn - grey 8 l/mn - white 10 l/mn - yellow
90520 90521 90522 90523 Models	6 l/mn - grey 8 l/mn - white 10 l/mn - yellow 12 l/mn - brown
(no mai 90520 90521 90522 90523 Models 90530 90531	6 l/mn - grey 8 l/mn - white 10 l/mn - yellow 12 l/mn - brown  from Mach 1989 6 l/mn - rose

### PRESTO S4 SHOWER COLUMN COLONNE DE DOUCHE HYDROPOOL CC / CP





### Colonne de douche PRESTO S4

90129 Complete cartridge (1 head + 1 wall plate) 90207 20 cleaning needles

90119 1 washer, 1 plug, 1 O-ring, 1 rose, 1 socket, 1 spring

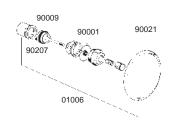
90139 10 screws FMC M6x16 90836 Dismantling tool

### Hydropool columm CC / CP shower

90165 Rose

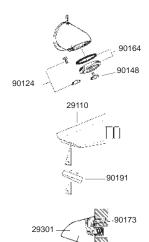
### PRESTO ECLAIR DV (before 2005)





90207	20 cleaning needles
90001	20 O-rings
90009	Complete piston
90021	Disc

### **SHOWER HEADS**



90124	5 shower grid nuts, 5 tamper-proof
	shower grid screws
90164	5 shower grids, 5 O-rings
90148	5 shower grid screws
90173	Vandal-proof rose for réf. 29301
90191	Directional shower grid 17° or 25°, 5 grids
90433	Fire resistant shower grid for ref. 29301, set of 10 grids

### **HYDROMONEY M 642**

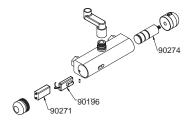


88074	Hydrojeton 650 (250)
87065	Lock with 2 keys
90464	230 / 12V 18 VA transformer
90324	Solenoid valve DN 13
90324	Soletion valve DIV 13

### PRESTO 905 / 904 / 914 and 915

PRESTO 9400 T



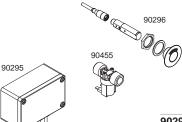


90196	Electronic circuit (IR cell)
90274	Solenoid valve
90271	9V lithium battery
90068	Thermostatic cartridge
90069	Thermostatic lever kit
90070	Pack of 2 non-return valves
90071	Remote control

### 4. MODULAR DETECTION

MODULAR DETECTION





90296 Detector cell 90455 Solenoid valve 90295 Control circuit

### **INFRARED BARRIER REF. 52920**



Electronic module only
Reflector
Solenoid valve
Hydraulic module (D. 17 valve)
5 deshydrating capsules
Finger plate

### **INFRARED BARRIER KIT ref. 52917**

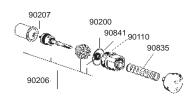


90344	Electronic circuit (IR cell)
90328	Reflector
90321	Solenoid valve
90340	5 dehydrating capsules
90329	Finger plate

### PRESTO 12

PRESTO 12





90207	20 cleaning needles
90200	20 O-rings
90206	5 complete green pistons + 5 O-rings
	+ 5 cylinders + 5 counter-pieces + 5 lip seals
90018	1 wall plate, 1 seal
90013	1 corner wedge, 1 screw-hole plug
18735	Cross-partition control for partition thickness 15 to 200 mm
18736	Cross-partition control for partition thickness 200 to 300 mm
90299	Pack of 5 cross-partition control cylinders

**WATER EFFECT** -

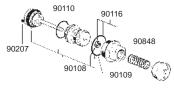


90701 Set of 10 O-rings

Complete front plate

### PRESTO 60 / 60 B PRESTO 120 B

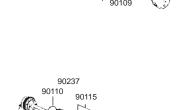












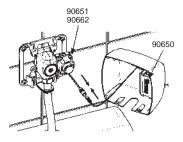
90207 90104 90843

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90871

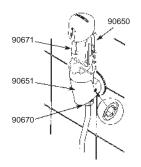
90207	20 cleaning needles
90110	20 counter piece O-rings
90108	5 complete pistons, 5 counter-piece O-rings,
	5 O-rings for plugs, 5 lip seals
90117	Models from start of 1986:
	complete plug for P 60 B
90115	Models before 1986 complete plug for P 60 B
90116	1 complete plug P 60
90109	20 O-rings
90843	10 lip seals
90848	10 spring washers
90853	Push-button for P 60 B
90237	Setting ring + O-ring + counter piece
PRESTO	120 B

### SENSAO® 8100 / 8200 / 8300



90650	6V lithium battery type 2 CR5
90651	Battery operated solenoid valve
90662	Mains powered solenoid valve
90669	Circuit Battery powered sensor
90668	Mains powered IR sensor
90670	Flow regulator for standard urinals
55322	Front plate SENSAO mains supply, ivory white
55323	Front plate SENSAO mains supply
	satin grey finish
55332	Front plate SENSAO battery supply
	ivory white finish
55333	Front plate SENSAO battery supply
	satin grey finish

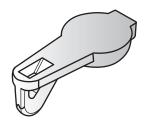
**SENSAO® 8400** 



woders	s before 2011		
90650	6V lithium battery type 2 CR5		
90651	Battery operated solenoid valve		
90671	Battery powered sensor		
90670	Flow regulator for standard urinals		
90272	Adaptor for 8400		
Models from 2011			
90941	Battery set 5750 / VOLTA / NEW TOUCH		

Solenoid valve pile 90651 90051 Battery powered sensor 90670 Flow regulator for standard urinals

### REFLECTOR FOR SQUALE® AND SENSAO®



Reflector (x2) 90654

### **MODULAR DETECTION**





INFRARED	BADDIED	DEE	52011	152015	/ 52016



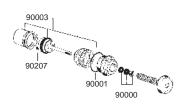
90296	Detector cell
90455	Solenoid valve for standard urinals
90297	Urinal control circuit
90324	Solenoid valve for siphonic action urinals

90328	Reflector
90322	Solenoid valve pour réf. 52914
90321	Solenoid valve sauf pour réf. 52914
52900	Electronic module
90343	Electronic cell for ref. 52900
90340	5 deshydrating capsules
90329	finger pate
52942	Hydraulic modul for ref. 52914
52940	Hydraulic modul for réf. 52915

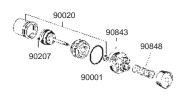
### PRESTO ECLAIR / ECLAIR H



### PRESTO ECLAIR (models before07/88)

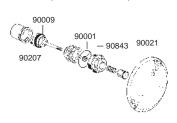


### PRESTO ECLAIR (models from 07/1988)









90207	20 cleaning needles
90012	10 compression seals Ø 32, 10 washers
90001	20 O-rings

90014 20 frost protection caps for wintering

90000 Models before 07/1988: 20 cable glands 90003 Models before 07/1988: 5 complete piston 90020 Models from start of 07/1988:

90009 5 plug pistons
Piston + cleaning needle for ECLAIR H

 90021
 Disc pour ECLAIR H

 90843
 10 lip seals

 90848
 10 springs washers

 90844
 Siphonic action socket x 10

18736 15 to 200 mm Cross-partition control for partition thickness 200 to 300 mm

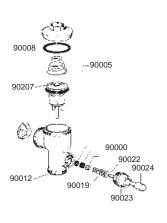
Cross-partition control for partition thickness

90735 Set 25 O-rings

18735

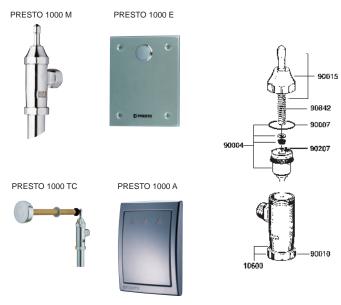
### **PRESTO EYREM**





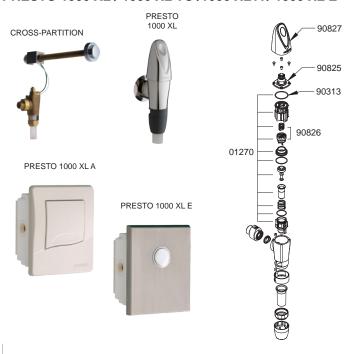
90207	20 cleaning needles
90012	10 compression seals Ø 32, 10 washers
90000	Models before 07/1988: 20 cable glands
90008	Set of 20 covers seals
90005	5 complete pistons, 5 cover seals,
	5 springs
90019	5 springs de Lever
90022	2 lever push rods
90023	1 lever holder
90024	1 Lever
90845	5 strainers

### PRESTO 1000 M / 1000 E /1000 TC / 1000 A



90207	20 cleaning needles
90010	0 compression seals Ø 28, 10 washers
90007	20 plug gaskets
90015	1 lever, 1 plug, 1 valve, 1 spring
10600	Supply connector (nut and gasket)
90004	5 complete pistons, 5 lip seals,
	5 springs, 5 plug gaskets
90034	13 vandal-proof screws, 1 special wrench
	for P 1000 E
90044	Front plate for stainless steel
	P 1000 E inox + 4 screws
90546	Front plate for P 1000 A
90842	10 springs + seals + washers
90749	Set of 25 lip seals and
	washers for P1000 XL/
	P1000E / P1000TC/ P1000A

### PRESTO 1000 XL / 1000 XL TC /1000 XL A / 1000 XL E



PREST	O 1000 XL
90059	Complete button P1000XL
	for utility duct
90801	Secial service key for exposed P1000 XL
90825	Complete trigger head regulated at 6 l/min
90826	Set of 5 pistons P1000 XL
90827	Complete control button P1000 X
90313	10 O-rings
01270	Cartridge kit
Cross-p	partition version:
90077	2 pipes (green and neutral)
PREST	O 1000 XL A - 1000XL E
90930	Trigger for hydraulic P 1000 XL
90829	Safety trigger for P 1000 XL
90749	Set of 25 lip seals
	and washers for P1000 XL
90826	5 pistons P1000 X
90920	Vandal-proof front plate XL
90919	Front plate design XL without primer
14231	Front plate P1000 XL A (with primer)
14233	Front plate P1000 XL E (with primer)

### PRESTO 1000 XL A DVA - 1000 XL E DVA

PRESTO 1000 XL E DVA



PRESTO 1000 XL A DVA



01270	Cartridge kit P1000 XL
90930	Trigger for hydraulic P 1000 XL cross-partition
90081	Safety trigger for P 1000 XL
90079	Front plate P1000 XL A with adjustable dual volume
90080	Front plate P1000 XL E with adjustable dual volume

### PRESTO 7100 / 7200 / 7300

PRESTO 7100/7200







90041	Set of 5 pistons + seals
90040	Complete solenoid valve
90034	13 vandal-proof screws, 1 special wrench
90858	Front plate for PRESTO 7100 and PRESTO 7200
90947	Front plate + IR cell forPRESTO 7100 XL
90948	Front plate + IR cell forPRESTO 7200 XL
90949	Front plate + IR cell forPRESTO 7300 XL

### PRESTO 7100 XL / 7200 XL / 7300 XL

PRESTO 7100XL/7200XL



PRESTO 7300XL



90917	IR cell for battery powered P 7200 XL
90918	IR cell for mains powered
	for P 7100 XL / P 7300 XL
90919	Front plate design XL without prime
90920	Vandal-proof front plate XL
90921	Vandal-proof stainless steel front for
	P 7100 XL / P 7200 XL
90922	Vandal-proof stainless steel front plate
	for P 7300 XL
01272	Cartridge set for 7100 XL
90923	Set of 5 complete pistons for hydro-electronic
	P 1000 XL
90829	Safety trigger for P 1000 XL cross-partition
90930	Sachand décharge P1000 XL TC hydraulique
90931	Trigger for hydraulic P 1000 XL
	cross-partition
90950	IR cell for mains powered P7100-7300 XL
90947	Front plate + IR cell for 7100 XL
90948	Front plate + IR cell for 7200 XL
90949	Front plate + IR cell for 7300 XL

### ESPACE MAINTENANCE / MAINTENANCE SETS FOR MOUNTING FRAMES

For all mounting frames with cistern Mounting frames réf. 18577 Mounting frames réf. 18578



90784	Waste outlet mechanism for mounting
	frame with cistern
90785	Cable control of mounting frame with cistern
90786	Seal for waste outlet (x5)
90787	Ballcock (filling float tap) for cistern
90788	Seal for ballcock (x5)
90789	Waste outlet mechanism for 2-volumes control
90790	Waste outlet mechanism for mounting frame
	with pneumatic control
90791	Connecting tube for pneumatic control
	ng frames ref. 18577
90929	Control cable 120 cm for ref. 18577
Mounti	ng frames ref. 18578
90935	IR cell for battery powered mounting-frame
90933	
90935	with cistern réf. 18578  Control cable for vandal-proof front plate

### Front plate for self-supporting mounting frame with cistern







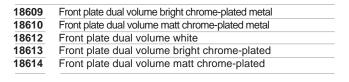
18568

Front plate single volume stainless steel

18569 Front plate stainless steel IR cell



SELF-SUPPORTING MOUNTING FRAME WITH CISTERN AND DUAL VOLUME CONTROL





SELF-SUPPORTING MOUNTING FRAME WITH CISTERN AND DUAL VOLUME CONTROL PRESTO TERTIO

18618	Front plate dual volume Tertio white
18619	Front plate dual volume Tertio bright chrome-plated
18620	Front plate dual volume Tertio matt chrome-plated
18621	Front plate dual volume Tertio black
18622	Front plate dual volume Tertio bright
	chrome-plated/matt black
18623	Front plate dual volume Tertio bright
	and matt chrome-plated

Pneumatic control white



Mounting frames for CISTERN and **ELECTRONIC** 

18627	Pneumatic control matt chrome-plated	
Bâti- sı	upport ref.18586 :	
90784	Waste outlet mechanism	
	for mounting frame with cistern	
90785	Cable control of mounting frame with cistern	
90786	Seal for waste outlet (x5)	
90787	Ballcock (filling float tap) for cistern	
90788	Membrane for ballcock (x5)	
90935	Battery powered IR sensor	
90650	Replacement 6V lithium battery type 2 CR5	

Pneumatic control bright chrome-plated



18625

18626

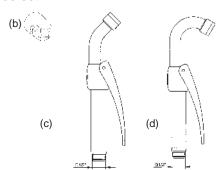
90651

For other Mounting Frames, please refer to the maintenance of the product mounted on the Mounting Frames: e.g. P504.

Battery operated solenoid valve

### Washbasin maintenance set





Metal holder for spray with push-button (a)
Holder for spray with lever (b)

(f)	급
(e)	Ī
Ecrou tournant Femalle G1/2"	
	'! 
G1/2"	- //

90641	Hand spray 120° (d)	



90640

Hand shower with push-button (e) Flexible hose 600 mm (f)

Hand spray 45° (c)

90613	P12 A and disconnector
90614	Valve tap and disconnector
90637	Flow straightener for sprays 45° and 120°
90763	Flexible hose 1000 mm for sink sprayer

### Maintenance set for centralised mixing valve

PRESTOTHERM 134 L



PRESTOTHERM 188 L



PRESTOTHERM 55 L



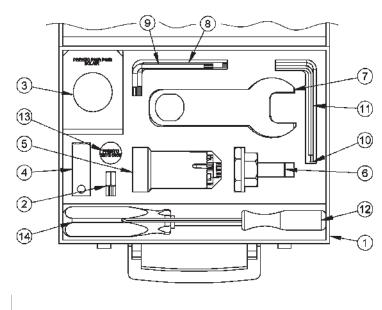
PRESTOTHERM 84 L



PRESTOTHERM XL



4513	Cap for PRESTOTHERM 55L
4514	Cap for PRESTOTHERM 84L-134L and 188L
4515	CartridgePRESTOTHERM 55L
4516	CartridgePRESTOTHERM 84L
4519	Cartridge for PRESTOTHERM 280L
4521	Cartridge for PRESTOTHERM 450L
	PRESTOTHERM 134L And 188L
4518	Seals kit for PRESTOTHERM 280L
4520	Seals kit for PRESTOTHERM 450L
0796	Pack of 2 PRESTOTHERM 55L
	non-return valves
0797	Pack of 2 PRESTOTHERM 84L & 280L
	non-return valves
0798	Pack of 2 PRESTOTHERM 134L & 450L
	non-return valves
0799	Pack of 2 PRESTOTHERM 188L
	non-return valves



### **91001** Tool box

- 1. Tool box
- 2. Allen key for head for SENSAO range, SQUALE range, P1000 XL, P500 S, P109 and shower head.
- 3. Key for head P50 B, P60 B, ECLAIR .
- 4. Key for PRESTO 1000.
- 5. Service key for PRESTO 2000, 2010, 2020, PRESTO 500S and DL 350 S.
- 6. Key for 4000 S, DL 400 S and DL 300 S.
- 7. Key for head 600, head PRESTO 50, ECLAIR and aerator for PRESTO 4000 S, 5000 and SQUALE range.
- 8. Key TORX T25 for flushvalves PRESTO 7100/ 7200, and PRESTO 1000 E.
- 9. Key TORX T20 for PRESTO 5000, 5600, 5500, 5700 and 5750.
- 10. Allen key of 5 for DL 800 S showers.
- 11. Allen key of 4 used for DL 300 S, DL 350 S, DL 400 S, DL 800 S and P109.
- 12. Key for hood of P1000 XL.
- 13. Key stalk for head PRESTO 600 S.
- 14. Screw driver POZIDRIV N° 2 for DL 400 SE, DL 350 S, DL 800 S, PRESTOTEM.

### MAINTENANCE AREA / SANITARYWARE TECHNICAL INSTALLATION GUIDE

PRESTO® automatic shut-off taps will give complete satisfaction if the installation has been designed and carried out in accordance with best industry practices (DTU 60-1, DTU 60-11, local sanitary regulations, CSTB French Technical Building Agency technical design and implementation guide), and advice based on our experience.

However, we advise you to contact our technical department for specific advice relating to your particular installation.

### **INSTALLATION DESIGN**

### Defining the water distribution characteristics

- Available pressure
- Nominal flow rate at meter
- Instantaneously available flow rate
- Network diagram: Diameter and type of pipework, lengths and gradients

### **Definition of installation characteristics**

- Number and type of taps per application
- Layout plan
- Simultaneity of use

### **CALCULATION METHODS FOR INSTALLATIONS**

### The suggested calculation consists in

- A Defining the maximum instantaneous flow rate for each branch of the installation according to the number of taps likely to be used simultaneously
- B Defining the diameter of the pipework according to the Single Technical Document DTU 60-11
- C Calculating the pressure loss for the installation up to the draw points
- D Checking that the residual dynamic pressure at each draw point is enough to allow comfortable operation

### A - DEFINITION OF MAXIMUM INSTANTANEOUS FLOW RATE

Table 1: Flow rate of PRESTO timed flow taps (excluding flush valves)

TYPE	PRESTO RANGE	Integrated automatic flow regulator	Nominal dynamic pressure	Nominal flow rate for PRESTO tap		Min. admissible dynamic	Minimum usable flow rate for PRESTO tap	
				l/min	l/sec	pressure	l/min	l/sec
WASHBASINS	600 RANGE	No	3 bar	6	0.10	1.5 bar	4	0.07
	P2000 RANGE	Yes	3 bar	4	0.07	1.5 bar	3.2	0.05
	SQUALE SENSAO RANGE	Yes	3 bar	6	0.10	1 bar	4	0.07
SHOWERS	ALL	Yes	3 bar	10	0.17	1 bar	6	0.10
URINALS	P12 / P12A	No	1 bar	10	0.17	0.5 bar	7	0.10
	P60	No	1 bar	30	0.50	0.5 bar	20	0.33
	SENSAO Standard Urinal	Yes	2 bar	10	0.17	1 bar	7	0.04
	SENSAO Urinal with siphonic action	No	2 bar	20	0.33	1 bar	14	0.23

### Simultaneity factor (excluding flush valves)

The simultaneity factor K for a number of taps X in an institution is calculated as followed:

- K =  $1/\sqrt{(X-1)}$  for a medium density institution (hotel, office, etc.)
- K = 2 /  $\sqrt{(X-1)}$  for high-density institutions (gymnasiums, schools, swimming pools, barracks, etc.)

This coefficient provides a good approximation which should nonetheless be checked for specific uses (prisons, stadiums, etc.).



### MAINTENANCE AREA / SANITARYWARE TECHNICAL INSTALLATION GUIDE

Table 2: simultaneity factor quick reckoner table

Number of installations	Simultaneity factor				
x	K = 1/ √ (X-1)	K = 2 / √(X-1)			
1 to 3	1	1			
4	0.70	1			
5	0.60	1			
6	0.45	0.90			
7	0.41	0.82			
8	0.38	0.76			
9	0.35	0.71			
10	0.33	0.67			
11 to 15	0.30	0.60			
16 to 25	0.23	0.46			
26 to 40	0.18	0.36			
41 to 60	0.15	0.30			
61 to 100	0.12	0.24			

### **INSTANTANEOUS FLOW RATE FOR FLUSH VALVES**

### Table 3: Definition of simultaneous operation of flush valves

A - Column 1 = Number of flush valves in operation simultaneously as per DTU 60.11 for medium-density institutions

B - Column 2 = Number of valves functioning simultaneously for high-density applications (theatres, airports, stadiums, etc.)

This table provides a good approximation which should nonetheless be checked for specific uses

Number of valves installed	A	В
1 to 3	1	1
4 to 12	2	3
13 to 24	3	5
25 to 50	4	8
> 50	5	10

Table 4: Flow rate for PRESTO® flush valves

Type of valve	Flow regulator	Nominal pressure	Flow rate (I/sec)	Min. adminssible dynamic pressure	Minimum usable flow rate (I/sec)
P1000 XL	Yes	1.2 bar	1.00	0.8 bar	0.75
ECLAIR XL	No (1)	0.8 bar	1.20	0.5 bar	1
EYREM	No	1 bar	1.50	0.8 bar	1.33

(1) With adjustment using integrated stop-valve

### **B - DEFINITION OF PIPEWORK DIAMETERS**

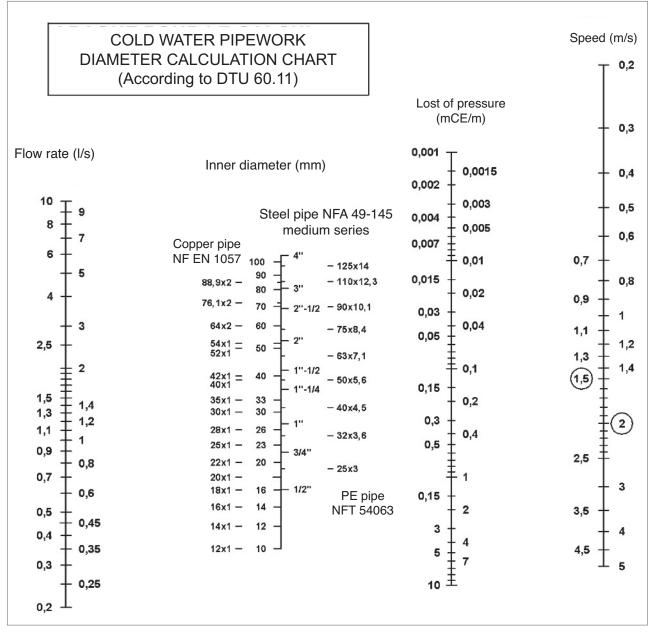
### Speed of water in the pipes

DTU 60.11, § 2.13 specifies the following flow speed allowances in the pipework:

- Horizontal pipework = 2 m/s

- Vertical upward columns = 1.5 m/s

Tableau 5: Pipework diameter calculation chart (Cold water)



### Use:

Plot the calculated flow rate against the desired flow speed. The correct diameter is located at the intersection of this line with the diameter scale. Depending on the type of pipework, specify the standard diameter immediately above this.



### MAINTENANCE AREA / SANITARYWARE TECHNICAL INSTALLATION GUIDE

### **CALCULATION EXAMPLE**

Water distribution characteristics

- Available pressure = 3 bars static
- Nominal flow rate at meter = DN 40
- Instantaneous available flow rate = 20 m3/h (5.55 l/s)

### Installation characteristics

Distance of the installation from the meter = 30 m

Maximum height difference = 10 m

Use = Dormitory

Valves installed:

- 6 P1000 XL flush valves
- 8 P2000 taps
- 6 DL400S showers
- 2 SENSAO P8400 electronic urinal units on standard urinals

### A - DEFINITION OF MAXIMUM INSTANTANEOUS FLOW RATE

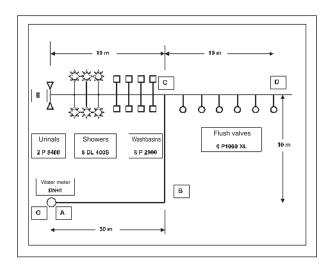
Determining the instantaneous flow rate for sanitary taps

Total number = 16 taps

Simultaneity factor of taps (excluding flush valves)

Table 1 gives a factor of 0.23 (medium density)

The flow reads read off table 1: P2000 = 0.07 l/s - P8400 urinal = 0.17 l/s - DL400S shower = 0.17 l/s



### **DETERMINING INSTANTANEOUS FLOW RATE FOR FLUSH VALVES**

The flow rate is read off table 4: P1000 XL = 1 l/s

Simultaneity factor for flush valves: Consult table 3. Let K be 2

	SANITAR	Y VALVES		
APPLICATION	FLOW	Number of valves	Total	
Washbasins	0.07	8	0.56	
Showers	0.17	6	1.02	
Standard urinals	0.17	2	0.34	
		Total flow	1.92	
		Simultaneity factor	0.23	
		Sub-Total	1.92 x 0.23 =	0.44 l/s
	FLUSH	VALVES		
Type of valve	Flow rate (I/sec)	Number of valves in use simultaneously	Total	
P1000 XL	1	2	2	
		Cub Total	2	2 l/s
		Sub-Total	2	2 1/3

### B – DETERMINING PIPEWORK DIAMETERS AND PRESSURE LOSS VALUES Speed of water in the pipes

DTU 60.11, § 2.13 specifies the following flow speed allowances in the pipework:

- Horizontal pipework = 2m/s
- Vertical upward columns = 1.5 m/s

Determining the usable pipe diameter for 3 branches.

**Section AB** Flow rate = 2.44 l/s Horizontal pipework – D = 40 mm

PE pipework – use 63 x 7.1 (NFT 64 053) – Internal D = 48.8 mm

The water speed will be 1.35 m/s Pressure loss is 0.078 m WC /m

## MAINTENANCE AREA / SANITARYWARE TECHNICAL INSTALLATION GUIDE

## **C - DETERMINING PRESSURE LOSSES IN PIPEWORK**

The chart in table 5 can be used to plot the actual diameter for each branch of the system and the defined flow rate to establish the actual flow rate on the speed scale, and the pressure loss (in m of water column per m of pipework) on the pressure loss scale.

## D - DETERMINING AVAILABLE DYNAMIC PRESSURES

The flow passing through each branch of the installation can then be defined in terms of the number of valves installed on each branch. Taking into account the changes in height and the pressure loss allows the available pressure at each valve to be calculated. This calculation must incorporate the simultaneity factor established at the outset

**Section BC** Flow rate = 2.44 l/s - Vertical pipework - D = 46

> Copper pipework - Use 54 x 1 The water speed will be 1.2 m/s Pressure loss is 0.058 m WC/m

**Section CD** Flow rate = 2l/s - Horizontal pipework – D = 36 mm

Copper pipework - Use 42 x 1 The water speed will be 1.6 m/s Pressure loss is 0.13 m WC/m

Section CE Flow rate = 0.44l/s - Horizontal pipework - D = 18 mm

Copper pipework - Use 22 x 1 The water speed will be 1.4 m/s Pressure loss is 0.47 m WC/m

# **E - CALCULATING USABLE DYNAMIC PRESSURE**

Defining pressure loss:

Branch	Flow rate (I/sec)	Calculated diameter	Pipe used	Speed m/sec	Unit pressure loss (m/m WC)
AB	2.44	39	PE 63X7.1	1.35	0.08
BC	2.44	46	CU 54X1	1.20	0.06
CD	2	36	CU 42 X 1	1.60	0.130
CE	0.44	17	CU 22 X 1	1.40	0.250

## **Network pressure calculations:**

Branch	Pressure (m) upstream	Unit pressure loss (m/m)	Length	Pressure Loss	High difference	Remainder	Branch
AB	30	0.08	30	2.40	0	27.60	В
ВС	27.60	0.06	10	0.60	10	17	С
CD	17	0.130	10	1.3	0	15.7	D
CE	17	0.250	10	2.5	0	14.5	E

## F - CHECKING RESIDUAL PRESSURE

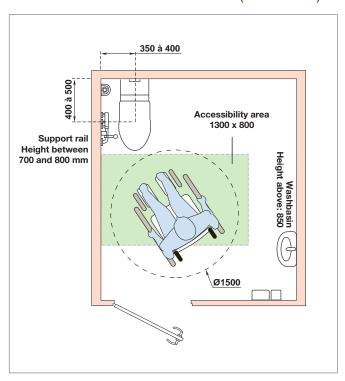
For D, the least favoured P1000 XL will still have a pressure of 1.57 bars and will operate perfectly.

For D the least favoured urinal valve will operate at 1.45 bars which is above the minimum admissible pressure.

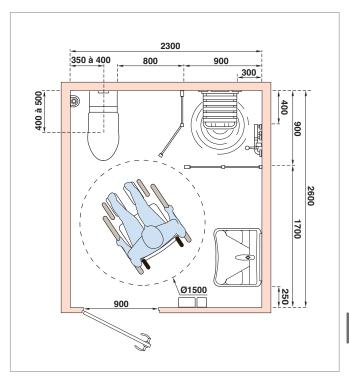
Available dynamic pressure = Dynamic pressure at the meter - pressure loss - changes in height



# TOP VIEW OF A TOILET (PUBLIC)



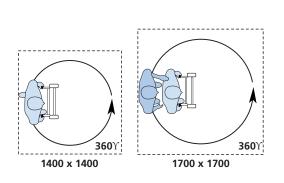
# **OUTLINE SKETCH OF BATHROOM**



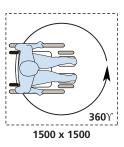


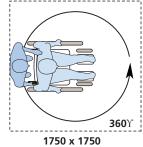
Dimensions are given for advice only and should not be used instead of those given by the legislator. We may not be held responsible for changes in standards and practices.

# AUTONOMOUS USER AND WITH CARER



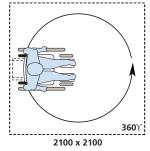
Autonomous users - with stick or walking frame Turning area without carer assistance: 1400x1400 mm Turning area with carer assistance: 1700x1700 mm

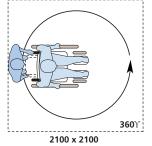




## Users in manual wheelchairs

Turning area without carer assistance: 1500x1500 mm Turning area with carer assistance: 1750x1750 mm



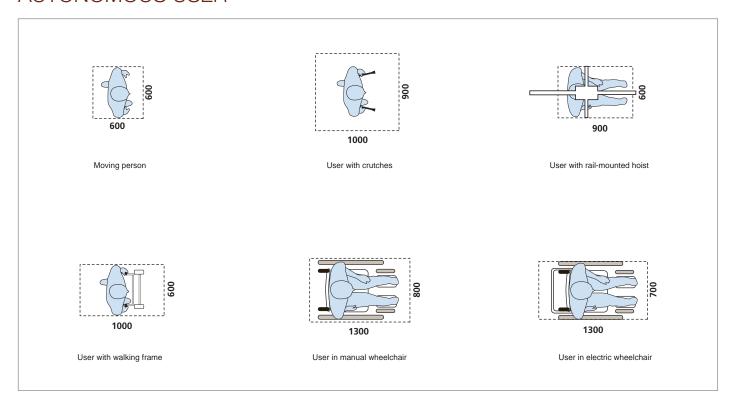


## Users in electric or comfort wheelchairs

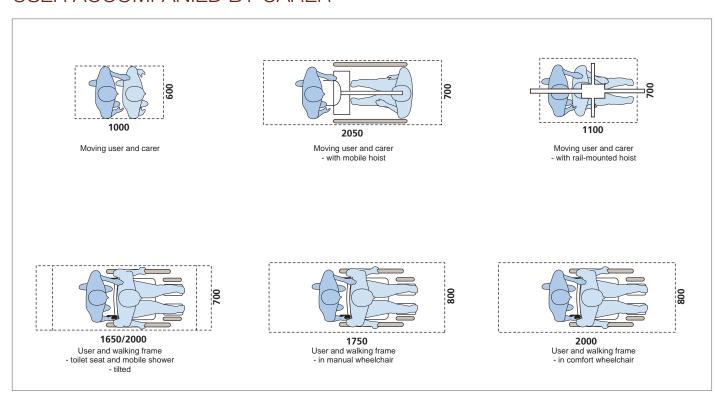
Turning area without carer assistance: 2100x2100 mm Turning area with carer assistance: 2100x2100 mm



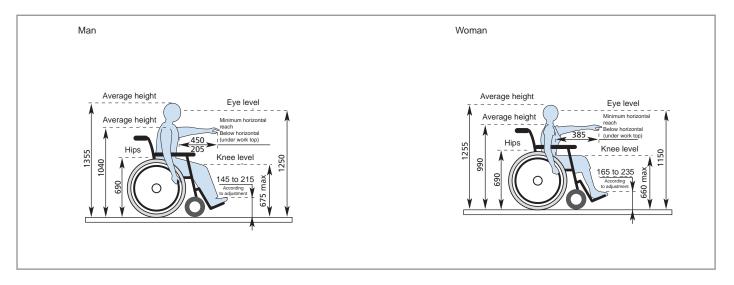
# **AUTONOMOUS USER**



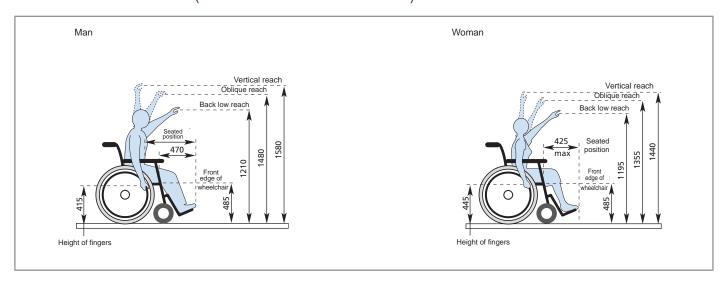
# USER ACCOMPANIED BY CARER



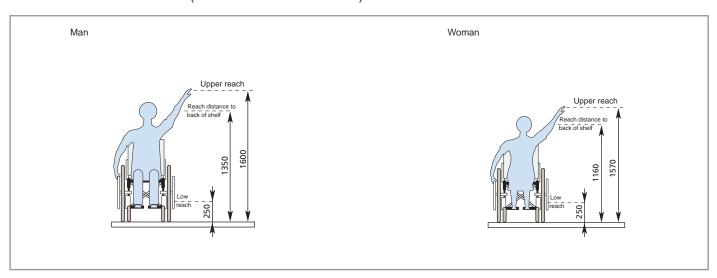
# HORIZONTAL REACH



# VERTICAL REACH (FRONTAL APPROACH)

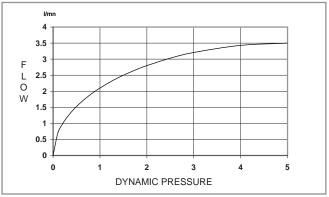


# VERTICAL REACH (SIDE APPROACH)

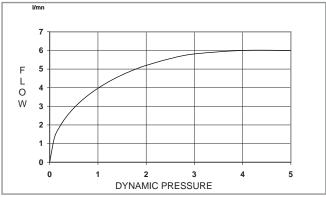




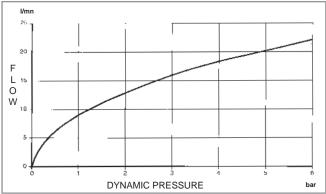
# MAINTENANCE AREA / FLOW RATE DIAGRAM



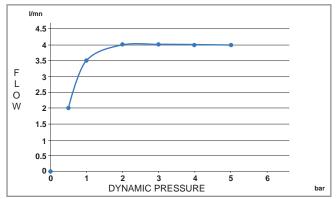
FLOW REGULATOR 3 L/MIN



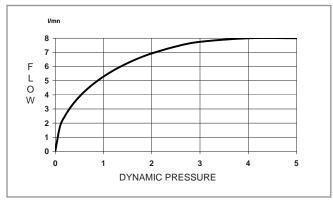
FLOW REGULATOR 6 L/MIN



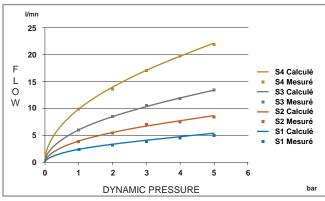
PRESTO SOL 509



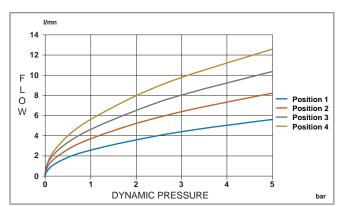
PRESTO 4000 S® BN and 4000 S® BC MIXER



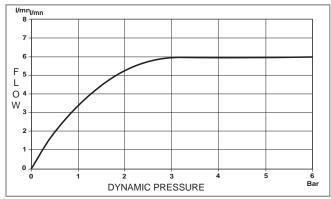
FLOW REGULATOR 8 L/MIN



P600/500/700 + N12

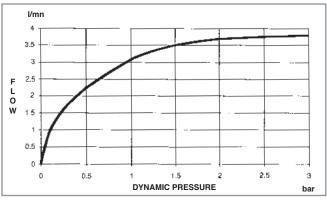


P600/500/700 + N12 S

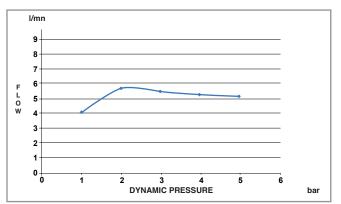


SENSAO® 5100, 5200, 5300

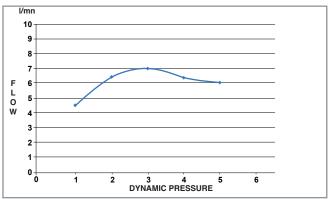
# MAINTENANCE AREA / FLOW RATE DIAGRAM



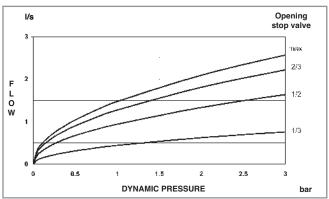
PRESTOMAT® 2000 - 2000 S® - 2010 - 2010 S® WITH FLOW REGULATOR 4 L/MIN



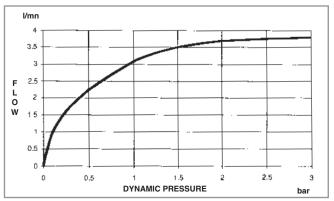
**PRESTO 12 - 12A** 



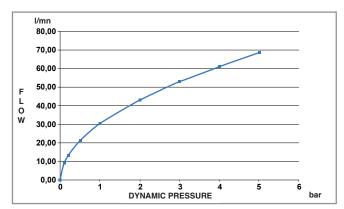
SENSAO® 8100 - 8200 - 8300



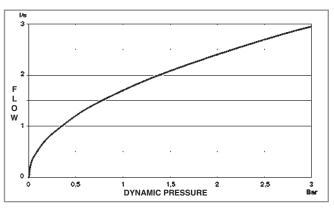
PRESTO ECLAIR XL



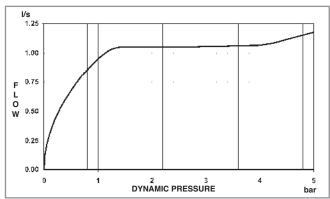
PRESTOMIX® 2020 - 2020 S® WITH FLOW REGULATOR



PRESTO 60/60 B



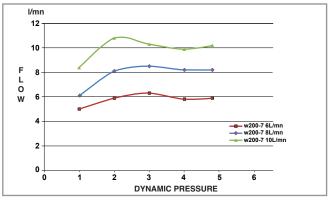
PRESTO 1000 M - 1000 E - 1000 A



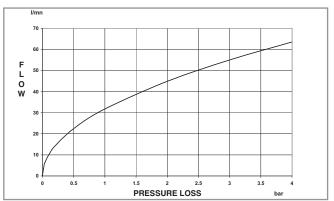
PRESTO 1000 XL - 1000 XLE - 1000 XLA - 7100 XL - 7200 XL - 7300 XL



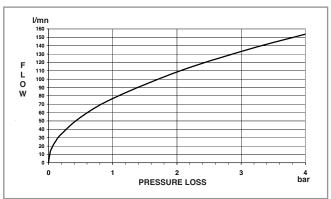
# MAINTENANCE AREA / FLOW RATE DIAGRAM



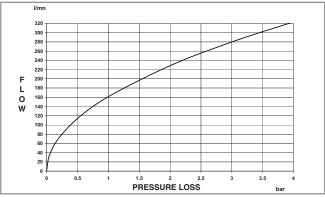
SHOWER WITH FLOW REGULATOR 6 L/MIN



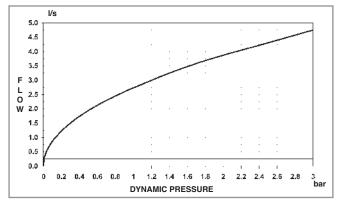
**PRESTO 84006** 



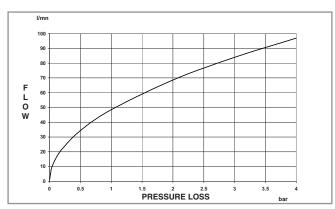
PRESTO 84008



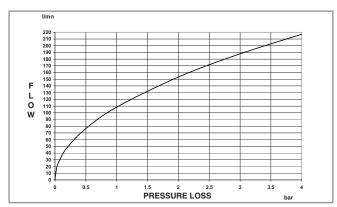
PRESTO 84020



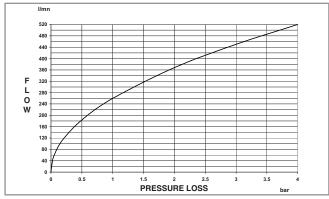
PRESTO ECLAIR XL DV



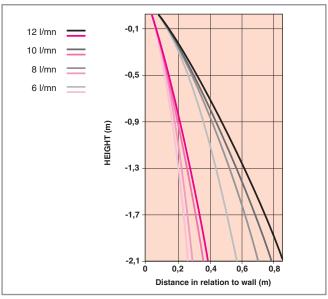
**PRESTO 84007** 



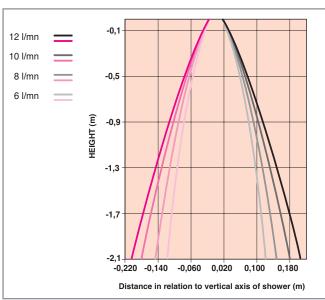
PRESTO 84009



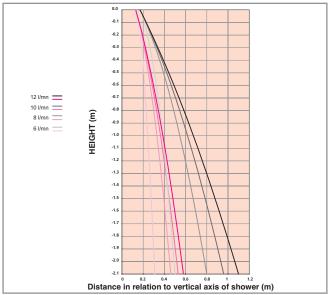
PRESTO 84021



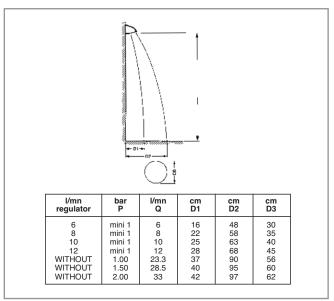
PRESTO DL 400 S®



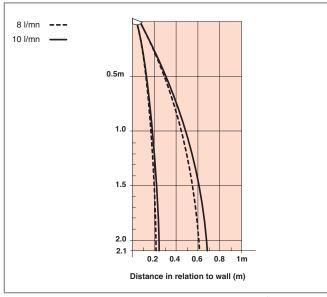
PRESTO DL 300 S® - DL 350 S®



PRESTO DL 800 S®



## **FIXED SHOWER HEAD REF. 29301**



FIXED SHOWER HEAD REF. 29110 - 29120 - 29100 - P 500 S® PAP

Ref.	Description	Weight	Pages
01005	CARTRIDGE FOR ECLAIR TC IN-DUCT	0,175	219
01006	CARTRIDGE FOR ECLAIR H / ECLAIR DR WITH DISK	0,468	219
01007	CARTRIDGE FOR ECLAIR WALL-MOUNTED	0,224	219
01008	CARTRIDGE FOR PRESTO 60 B (VERSION UNTIL END OF 1985)	0,334	219
01009	CARTRIDGE FOR PRESTO 60	0,215	84, 219
01010	CARTRIDGE FOR PRESTO 50 / 50 TC	0,214	218
01011	CARTRIDGE FOR PRESTO 50 B (VERSION UNTIL END OF 1985)	0,334	218
01012	CARTRIDGE FOR PRESTO 50 B (VERSION SINCE BEGINNING OF 1986)	0,408	218
01013	CARTRIDGE FOR PRESTO 60 B (VERSION SINCE BEGINNING OF 1986)	0,408	219
01014	CARTRIDGE FOR PRESTO 50 H	0,244	218
01015	CARTRIDGE FOR ALPA MIXING VALVE, BLACK KNOB	0,394	218
01017	CARTRIDGE FOR ALPA MIXING VALVE, CHROME PLATED KNOB	0,584	218
01019	CARTRIDGE FOR P 3500 MIXING TAP, CHROME PLATED KNOB	0,582	216
01020	CARTRIDGE FOR ALPA MIXING VALVE, BLACK KNOB, PANEL MOUNTING	0,543	216, 218
01021	CARTRIDGE FOR PRESTO 3500 MIXING TAP, BLACK KNOB	0,392	216
01022	CARTRIDGE FOR ALPA MIXING VALVE, CHROME PLATED KNOB, PANEL MOUNTING	0,733	216, 218
01023	CARTRIDGE FOR PRESTO 4000 S BN MIXING TAP, BLACK KNOB ANTI-BLOCKING SYSTEM	0,371	216
01024	CARTRIDGE FOR PV 4000 S BC MIXING TAP, CHROME PLATED KNOB ANTI-BLOCKING SYSTEM	0,517	216
01025	CARTRIDGE FOR PRESTO SOL 520/530, BLUE MARK, COLD WATER	0,147	162, 203, 216
01026	CARTRIDGE FOR PRESTO SOL 530, RED MARK, HOT WATER	0,147	203, 216
01027	CARTRIDGE FOR PRESTO 507 (GREEN MARK) / P 12 / P 12 A, 4 TO 8'	0,147	84, 203, 214, 219
01028	CARTRIDGE FOR PRESTO 504 / 605 / 600 / 512 TC / 612, BLUE MARK, COLD WATER	0,147	214
01029	CARTRIDGE FOR PRESTO 504 / 605 / 600 / 512 TC / P 3000 MIXING TAP, RED MARK, HOT WATER	0,147	214
01030	CARTRIDGE FOR PRESTO 504 S / 600 S / 512 S TC, BLUE MARK, COLD WATER ANTI-BLOCKING SYSTEM	0,155	214
01031	CARTRIDGE FOR PRESTO 504 S / 605 S / 600 S / 512 S TC / P 3000 S MIXING TAP, RED MARK, HOT WATER ANTI-BLOCKING SYSTEM	0,155	162, 214
01032	CARTRIDGE FOR PRESTO 904 / 905 SOAP DISPENSER	0,155	217, 218, 222
01033	CARTRIDGE FOR PRESTO 914 / 915 SOAP DISPENSER	0,266	217, 222
01034	CARTRIDGE FOR PRESTO SOL 509	0,152	216
01035	CARTRIDGE FOR PRESTO 2000 / 2010 / 2020	0,072	215
01036	CARTRIDGE FOR PRESTO 2000 S / 2010 S / 2020 S ANTI-BLOCKING SYSTEM	0,1	215
01037	CARTRIDGE FOR PRESTO 712	0,232	215
01038	CARTRIDGE FOR PRESTO 7000	0,297	215
01039	CARTRIDGE FOR PV 704 / 705	0,303	215
01041	CARTRIDGE FOR PRESTO 712 S ANTI-BLOCKING SYSTEM	0,281	215
01053	CARTRIDGE FOR PRESTO 50 B	0,216	218
01144	CARTRIDGE FOR ECLAIR H / ECLAIR DR WITHOUT DISK	0,233	105, 219
01151	CARTRIDGE FOR SOAP DISPENSER TAP 914/915 WITHOUT LEVER	0,101	217
01159	CARTRIDGE FOR 712 WITHOUT LEVEL	0,094	215
01175	TRIGGER HEAD "S" FOR DL30 AND DL40	0,25	218, 229

Ref.	Description	Weight	Pages
01184	CARTRIDGE FOR PRESTO DL 350 S ANTI-BLOCKING SYSTEM	0.057	218
01185	CARTRIDGE FOR PRESTO 500 S ANTI-BLOCKING SYSTEM	0,057	218
01190	CARTRIDGE FOR PRESTO 120B URINAL	0,037	84, 219
01220	CARTRIDGE FOR ALPA FOR SHOWER PANEL PRESTOTEM	0,6	218, 229
01221	CARTRIDGE FOR PRESTO 50 FOR SHOWER PANEL PRESTOTEM	0,25	218, 229
01227	CARTRIDGE FOR PRESTO 520 - 4 TO 7 SEC	0,100	162, 216, 225
01230	CARTRIDGE FOR ALPA CHROMED BUTTON 20/35 SEC SHORT CARTRIDGE	0,6	218
01231	CARTRIDGE FOR ALPA CHROMED BUTTON 20/35 SEC FOR PRESTOTEM	0,6	218, 229
01232	CARTRIDGE FOR ALPA CHROMED BUTTON 20/35 SEC CONCEALED	0,6	218
01233	CARTRIDGE FOR ALPA CHROMED BUTTON 20/35 SEC FOR PARTITION	0,6	218
01234	CARTRIDGE FOR ALPA CHROMED BUTTON 20/35 SEC INDUCT	0,6	218
01250	CARTRIDGE FOR PRESTO ECLAIR XL	0,34	105, 219
01251	CARTRIDGE FOR PRESTO ECLAIR XL TC IN-DUCT	0,34	219
01252	CARTRIDGE FOR ECLAIR XL DV AND H	0,34	219
01270	CARTRIDGE FOR PRESTO 1000XL CL II	0,07	219, 238
01272	CARTRIDGE FOR PRESTO 7100 XL, 7200 XL AND 7300 XL	0,080	239
05201	CHROMED ELBOW CONNECTOR	0,104	98
06216	ADJUSTABLE ELBOW CONNECTOR FOR CONCEALED CONNECTION	0,175	17, 57, 40
06219	CHROMED ELBOW CONNECTOR FOR SIPHONIC ACTION URINALS	0,123	98
10000	CHROMED INLET CONNECTOR, UNION NUT G 1" 1/4 WITH FLAT JOINT FOR TUBE O.D. 32 MM	0,071	113
10011	CHROMED INLET CONNECTOR, 2 PIECES UNION NUT G 1" 1/4 WITH FLAT SEAL AND UNTHREADED BUSHING O.D. 32 MM	0,095	113
10026	CHROMED INLET CONNECTOR, THREADED BUSHING M G 3/4"	0,158	113
10027	CHROMED INLET CONNECTOR, THREADED BUSHING M G 1"	0,18	113
10037	CHROMED INLET CONNECTOR, 2 PIECES UNION F G 1"	0,2	113
10400	CHROMED OUTLET CONNECTOR, UNION NUT G 1" 1/4 WITH SEAL FOR TUBE O.D. 32 MM	0,072	113
10600	CONNECTOR FOR P1000	0,033	113, 238
12011	PRESTO EYREM	0,95	105
12916	FLUSH KIT N°4 WITH EYREM	2,44	104
13001	ECLAIR WALL-MOUNTED	0,91	105
13011	PRESTO ECLAIR XL WITHOUT STOP VALVE	1,63	105
13012	PRESTO ECLAIR XL WITH STOP VALVE	1,73 2	105
13016	PRESTO ECLAIR XL H BUILT, GREEN DISK ACTUATOR PRESTO ECLAIR XL DV FOR EMERGENCY SHOWERS IN SAFETY APPLICATIONS, GREEN DISK ACTUATOR	1,9	105 208
13060	KIT NEW TC CONTROL FOR PRESTO ECLAIR XL - PARTITION FROM 1,5 TO 200 MM	3,76	120, 139
13061	KIT NEW TC CONTROL FOR PRESTO ECLAIR XL - PARTITION FROM 200 TO 300 MM	3,9	120
13070	PRESTO ECLAIR XL FOR TC CONTROL	3,2	120, 139
13935	FLUSH KIT N°1 WITH ECLAIR	2,587	104
13937	FLUSH KIT N°3 WITH ECLAIR	2,102	104
13938	FLUSH KIT FOR TROUGHS	2,35	104
14109	PRESTO 1000 M	0,53	108
14200	PRESTO 1000 XL WITHOUT STOP VALVE	0,86	106

Ref.	Description	Weight	Pages
14201	PRESTO 1000 XL WITHOUT STOP VALVE	1,04	106
14220	PRESTO 1000 XL TC	1,1	121, 140
14231	DESIGN FRONT PLATE FOR PRESTOO 1000 XL	1	114, 126, 238
14233	VANDALPROOF FRONT PLATE FOR PRESTO 1000 XL	0,95	114, 126, 238
14250	PRESTO P1000 XLA	2,3	106
14251	PRESTO P1000 XL E	2,3	106
14260	KIT NEW TC CONTROL FOR P1000 XL - PARTITION FROM 1,5 TO 200 MM	3	121, 140
14261	KIT NEW TC CONTROL FOR P1000 XL - PARTITION FROM 200 TO 300 MM	3	121, 140
14300	PRESTO P1000 XLA DVA DUAL FLUSH		107
14301	PRESTO P1000 XLE DVA DUAL FLUSH		107
14906	PRESTO 1000 E WITH STOPVALVE FOR CONCEALED MOUNTING	1,845	108
14914	FLUSH KIT N°5 WITH P 1000 M	1,757	104
14920	P 1000 A WITH STOPVALVE FOR CONCEALED MOUNTING	1,76	108
15000	P 60 WITHOUT NUT	0,53	84
15033	P 60 / P 60 TC IN-DUCT MOUNTED WITH NUTS AND SEAL	0,57	84
15040	KIT NEW TC CONTROL FOR URINAL P60- PARTITION FROM 1,5 TO 200 MM	1,31	95, 138
15041	KIT NEW TC CONTROL FOR URINAL P60 - PARTITION FROM 200 TO 300 MM	1,5	95, 138
15120	ROBINET PRESTO 60 FOR TC CONTROL	0,7	94, 95, 138
15233	P 60 B FOR CONCEALED MOUNTING WITH CHROMED CONCEALING PLATE	0,91	94, 95, 138
18460	FLOOR MOUNTED FRAME WC + PRESTO P1000 XLA DVA DUAL FLUSH		115, 127
18461	FLOOR MOUNTED FRAME WC + PRESTO P1000 XLE DVA DUAL FLUSH		115, 127
18546	FLOOR MOUNTED FRAME WC + P1000 XL DESIGN FRONT PLATE	20,3	114, 126
18547	FLOOR MOUNTED FRAME WC + P1000 XL VANDALPROOF FRONT PLATE	20,25	114, 126
18548	FLOOR MOUNTED FRAME WC + P7200 XL BATTERY S/S FRONT PLATE	20,3	116, 128
18549	FLOOR MOUNTED FRAME WC + P7100 XL TRANSFORMER S/S FRONT PLATE	20,35	116, 128
18552	FLOOR MOUNTED FRAME		114, 126
18554	FLOOR MOUNTED FRAME WASHBASIN + HYDRAULIC CONCELING BOX FOR SENSAO BATTERY	18,22	29, 132
18556	FLOOR MOUNTED FRAME WASHBASIN + HYDRAULIC CONCELING BOX FOR SENSAO TRANSFORMER	18,22	29
18558	FLOOR MOUNTED FRAME WASHBASIN FOR P2010, 2010S, 504	17,54	29, 132
18564	FLOOR MOUNTED FRAME URINAL + PRESTO 120B REF38335	19,242	94, 133
18568	FRONT PLATE STAINLESS STEEL, ONE VOLUME	0,800	240
18569	FRONT PLATE STAINLESS STEEL SINGLE, IR	0,850	240
18585	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + INOX FRONT PLATE SINGLE VOLUME	18,400	118, 130
18586	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + INOX FRONT PLATE IR	18,700	116, 128
18589	FLOOR MOUNTED FRAME URINAL + SENSAO 8300 REF.55330	19,730	94, 133
18590	FLOOR MOUNTED FRAME URINAL + SENSAO 8300 REF.55331	19,730	94, 133
18591	FLOOR MOUNTED FRAME URINAL + SENSAO 8100 REF.55320	19,730	94, 133
18592	FLOOR MOUNTED FRAME URINAL + SENSAO 8100 REF.55321	19,730	94, 133

Ref.	Description	Weight	Pages
18593	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + WHITE FRONT PLATE	16,230	118, 130
18594	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE CHROME BRIGHT	16,220	118, 130
18595	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE CHROME MATT	16,220	118, 130
18596	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE METAL CHROME BRIGHT	16,910	118, 130
18597	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE METAL CHROME MATT	16,850	118, 130
18598	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE TERTIO WHITE	16,210	119, 131
18599	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE TERTIO CHROME BRIGHT	16,210	119, 131
18600	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE TERTIO CHROME MATT	16,220	119, 131
18601	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE TERTIO BLACK	16,220	119, 131
18602	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE TERTIO CHROME AND BLACK	16,220	119, 131
18604	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + FRONT PLATE TERTIO CHROME BRIGHT AND MATT	16,210	119, 131
18605	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + EXPOSED REMOTED PNEUMATIC CONTROL	16,020	117, 129
18606	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + PNEUMATIC CONTROL WHITE	15,550	117, 129
18607	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + PNEUMATIC CONTROL CHROME BRIGHT	15,550	117, 129
18608	SELF-SUPPORTING MOUNTING FRAME WITH CISTERN + PNEUMATIC CONTROL CHROME MATT	15,550	117, 129
18609	FRONT PLATE SINGLE DOUBLE VOLUME, METAL CHROME BRIGHT	1,110	240
18610	FRONT PLATE SINGLE DOUBLE VOLUME, METAL CHROME MATT	1,050	240
18612	FRONT PLATE SINGLE DOUBLE VOLUME WHITE	0,430	240
18613	FRONT PLATE SINGLE DOUBLE VOLUME CHROME BRIGHT	0,420	240
18614	FRONT PLATE SINGLE DOUBLE VOLUME CHROME MATT	04,20	240
18618	FRONT PLATE SINGLE DOUBLE VOLUME TERTIO WHITE	0,410	240
18619	FRONT PLATE SINGLE DOUBLE VOLUME TERTIO CHROME BRIGHT	0,410	240
18620	FRONT PLATE SINGLE DOUBLE VOLUME TERTIO CHROME MATT	0,420	240
18621	FRONT PLATE SINGLE DOUBLE VOLUME TERTIO BLACK	0,420	240
18622	FRONT PLATE SINGLE TERTIO CHROME BRIGHT AND BLACK	0,420	240
18623	FRONT PLATE SINGLE TERTIO CHROME BRIGHT AND MATT	0,410	240
18625	PNEUMATIC CONTROL SINGLE WHITE	0,300	129, 240
18626	PNEUMATIC CONTROL SINGLE CHROME BRIGHT	0,300	129, 240
18627	PNEUMATIC CONTROL SINGLE CHROME MATT	0,300	129, 240
18725	IN-DUCT CONTROL FOR PARTITION FROM 1 TO 200 MM - COLD WATER	0,53	30, 54, 136, 137
18726	IN-DUCT CONTROL FOR PARTITION FROM 200 TO 300 MM - COLD WATER	0,68	30, 54, 136, 137
18730	IN-DUCT CONTROL FOR PARTITION FROM 1 TO 200 MM - HOT WATER	0,55	30, 54, 136
18731	IN-DUCT CONTROL FOR PARTITION FROM 200 TO 300 MM - HOT WATER	0,79	30, 54, 136
18735	IN-DUCT CONTROL FOR PARTITION FROM 1 TO 200 MM (WITHOUT COLOURED INDICATOR)	0,53	95, 120, 138, 139, 235, 237
18736	IN-DUCT CONTROL FOR PARTITION FROM 200 TO 300 MM (WITHOUT COLOURED INDICATOR)	0,79	95, 120, 138, 139, 235, 237

Ref.	Description	Weight	Pages
18740	IN-DUCT CONTROL FOR PARTITION FROM 1 TO 200 MM - FOR P1000 XL	0,57	121, 140
18741	IN-DUCT CONTROL FOR PARTITION FROM 200 TO 300 MM - FOR P1000 XL	0,95	121, 140
20000	PRESTOMAT 2000 COLD WATER	1,09	15
20001	PRESTOMAT 2000 S COLD WATER ANTI-BLOCKING SYSTEM	1,09	15
20002	PRESTOMAT 2000 HOT WATER	1,03	15
20003	PRESTOMAT 2000 S HOT WATER ANTI-BLOCKING SYSTEM	1,09	15
20100	PRESTOMAT 2010 COLD WATER	0,86	15
20101	PRESTOMAT 2010 S COLD WATER ANTI-BLOCKING SYSTEM	0,86	15
20102	PRESTOMAT 2010 HOT WATER	0,86	15
20103	PRESTOMAT 2010 S HOT WATER ANTI-BLOCKING SYSTEM	0,86	15
20500	PRESTOMIX 2020 MIXING TAP, WITH STRAIGHT STOP VALVE	2,01	15
20501	PRESTOMIX 2020 S MIXING TAP, WITH STRAIGHT STOP VALVE ANTI-BLOCKING SYSTEM	2	15
20520	PRESTOMIX 2020 MIXING TAP, WITHOUT STOP VALVE	1,8	15
20521	PRESTOMIX 2020 S MIXING TAP, WITHOUT STOP VALVE ANTI-BLOCKING SYSTEM	1,8	15
23100	PRESTO SOL 509 FOOT OPERATED VALVE, HORIZONTAL INLET	0,84	18, 162, 203
23614	PRESTO SOL 520 SINGLE FOOT-PEDAL CONTROL	1	18, 162, 203
23644	PRESTO SOL 530 DOUBLE FOOT-PEDAL CONTROL	1,9	18, 162, 203
24002	P 600 COLD WATER	0,89	12
24012	P 600 S COLD WATER ANTI-BLOCKING SYSTEM	0,89	12
24022	P 600 HOT WATER	0,89	12
24032	P 600 S HOT WATER ANTI-BLOCKING SYSTEM	0,89	12
25001	TRIGGER FOR DL 30 EXPOSED TYPE MODEL	0,27	229
25910 27110	TRIGGER FORDL 40 EXPOSED TYPE MODEL DL 300 S READY-TO-INSTALL, SATIN GRAY FINISH	0,55 2,15	229 39
27112	ANTI-BLOCKING SYSTEM DL 300 S CONCEALED, SATIN GRAY FINISH ANTI-BLOCKING	2,15	39
27115	SYSTEM  UPPER COVER STRIP FOR DL 300 S READY-TO-INSTALL	0,913	39
27116	VERSION ANTI-BLOCKING SYSTEM  UPPER COVER STRIP FOR DL 300 S CONCEALED VERSION	0,905	39
07445	ANTI-BLOCKING SYSTEM	2.5	<u></u>
27119	LEGIONELLA SET FOR DL 300 S / DL 400 S TC OR CONCEALED	0,5	75
27124	LEGIONELLA SET FOR DL 400 S EXPOSED WHITE EPOXY FINISH	0,5	75
27140	ELBOW CONNECTOR FOR DL 400 S CONCEALED INLET ANTI-BLOCKING SYSTEM	0,288	77
27146	SHOWER HEAD DL 300S	0,55	230
27154	DL 400 S LEGIONELLA CONCEALED CHROME FINISH	0,55	230
27156	DL 400 S LEGIONELLA CONCEALED WHITE EPOXY FINISH	0,55	230
27200	DL 350 S WITH HANDLE ANTI-BLOCKING SYSTEM	1	39
27400	DL 400 SE READY-TO-INSTALL, SATIN GRAY FINISH, WITH STRAIGHT STOP VALVE ANTI-BLOCKING SYSTEM	1,7	38
27402	DL 400 SE READY-TO-INSTALL, SATIN GRAY FINISH, WITH ANGLE STOP VALVE ANTI-BLOCKING SYSTEM	1,7	38
27424	PRESTO DL 400 SE LEGIONELLA VERSION + STRAIGHT STOP VALVE - 6 L/MN	1,700	38,77
27426	PRESTO DL 400 SE LEGIONELLA VERSION + ANGLE STOP VALVE - 6 L/MN	1,700	38,77
27428	COMPENSATION PLATE FOR PRESTO DL 400 SE	0,300	38,77
27430	DL 400 SE READY-TO-INSTALL, SATIN GRAY FINISH, WITHOUT STOP VALVE ANTI-BLOCKING SYSTEM	1,65	38

Ref.	Description	Weight	Pages
27432	PRESTO DL 400 E-TOUCH WITH STRAIGHT STOP VALVE - 6 L/MN	1,800	38
27434	PRESTO DL 400 E-TOUCH WITH ANGLE STOP VALVE - 6 L/MN	1,800	38
27435	PRESTO DL 400 E-TOUCH 3/4" - 6 L/MN	1,700	38
27800	PRESTO DL 800 S TOP CONNECTION + SOAP HOLDER	8,3	44
27802	PRESTO DL 800 S TOP CONNECTION	8,3	44
27808	PRESTO DL 800 S TOP CONNECTION, HAND SHOWER + SOAP HOLDER	8,300	44
27812	PRESTO DL 800 S CONCEALED CONNECTION + SOAP HOLDER	8,3	44
27814	PRESTO DL 800 S CONCEALED CONNECTION	8,3	44
27820	PRESTO DL 800 S CONCEALED CONNECTION, HAND SHOWER + SOAP HOLDER	8,770	44
27828	PIPE COVER DL800 S - LG 350 MM	0,5	44
27830	PIPE COVER DL800 S - LG 700 MM	0,75	44
28440	P 4000 S BN MIXING TAP, BLACK KNOB WITHOUT STOP VALVE ANTI-BLOCKING SYSTEM	2,1	16
28442	P 4000 S BN MIXING TAP, BLACK KNOB WITH STRAIGHT STOP VALVE ANTI-BLOCKING SYSTEM	2,3	16
28610	P 4000 S BC MIXING TAP, CHROME PLATED KNOB WITH STRAIGHT STOP VALVE ANTI-BLOCKING SYSTEM	2,45	16
28617	P 4000 S BC MIXING TAP, CHROME PLATED KNOB WITHOUT STOP VALVE ANTI-BLOCKING SYSTEM	2,25	16
29002	THERMOSTATIC SAFETY CONTROL REGULATOR	0,745	32, 66, 136, 141, 142, 164, 210
29003	THERMOSTATIC SAFETY CONTROL REGULATOR	0,745	32, 66, 136, 162, 210
29006	THERMOSTATIC SAFETY CONTROL REGULATOR PARALLEL INLET 1/2"	0,6	32, 66, 137, 141, 142
29007	THERMOSTATIC SAFETY CONTROL REGULATOR PARALLEL INLET 3/4"	0,6	32, 66, 137, 210
29011	THERMOSTATIC MIXING VALVE FOR PRESTOTEM PANEL	0,69	32, 66, 137, 210
29100	READY-TO-INSTALL FIXED SHOWER HEAD, 17° OR 25° DIRECTIONAL GRID	1,682	56
29110	FIXED SHOWER HEAD, 17°OR 25° DIRECTIONAL GRID FOR CONCEALED INLET	0,696	56
29120	FIXED SHOWER HEAD, 17° OR 25° DIRECTIONAL GRID FOR IN-DUCT INLET (UNTIL 200 MM WALL)	1,049	54, 56, 137, 142
29155	SHOWER HEAD FOR WALL 0 TO 200MM	0,46	55, 56, 137, 142
29162	SHOWER HEAD 2 POSITIONS FOR WALL 200 TO 300MM	1,1	54, 56, 137, 142
29205	READY-TO-INSTALL DIRECTIONAL SHOWER HEAD, EXPOSED VERSION	1,745	56
29206	READY-TO-INSTALL FIXED SHOWER HEAD, EXPOSED VERSION	1,7	56
29250	SCALE RESISTANT SHOWER HEAD WITH PIPE AND CLAMP	1,427	57
29255	SCALE RESISTANT SHOWER HEAD WITH BACK INLET	0,539	57
29260	SCALE RESISTANT SHOWER HEAD TC FOR WALL UP TO 15 MM	0,55	54, 55, 57, 137, 142
29261	SCALE RESISTANT SHOWER HEAD TC FOR WALL UP TO 200 MM	0,765	54, 55, 57, 137, 142
29262	SCALE RESISTANT SHOWER HEAD TC FOR WALL UP TO 300 MM	0,856	54, 55, 57, 137, 142

Ref.	Description	Weight	Pages
29296	ANTIVANDALISM FIXED SHOWER HEAD FOR CEILING MOUNTING	0,3	56
29300	DIRECTIONAL SHOWER HEAD WITH FIXING ARM FOR CONCEALED INLET	0,85	56
29301	FIXED SHOWER HEAD FOR CONCEALED INLET	0,97	56
29320	FIXED SHOWER HEAD F1/2	0,03	57
29403	PRE-MIX TAP G 1/2"	0,53	67, 162
29410	PRE-MIX TAP G 1/2"	0,346	67, 162
29830	ANGLE STOP VALVE WITH FILTER FOR CONCEALED INLET	0,165	33
29835	ADJUSTABLE ELBOW STOPCOCK CONNECTOR	0,2	57
29840	STRAIGHT STOP VALVE FOR EXPOSED INLET	0,255	33, 222, 223, 224
29860	STRAIGHT STOP VALVE MM 3/8"	0,1	12, 14, 15, 16, 20, 23, 24, 33, 159, 222, 223, 224
29870	ANGLE STOP VALVE WITH FILTER M 1/2"- M3/8"	0,15	12, 14, 15, 16, 20, 23, 24, 33, 159
29910	HYDROPOOL RS4 4 USERS COLUMN SHOWER	8	52
29931	HYDROPOOL CC2 2 USERS COLUMN SHOWER FOR PUBLIC USE, GRANITE-FINISH GREY	31	52
29933	HYDROPOOL CC4 4 USERS COLUMN SHOWER FOR PUBLIC USE, GRANITE-FINISH GREY	33,000	52
29940	HYDROPOOL CP1 SINGLE USER COLUMN SHOWER FOR DOMESTIC USE, GRANITE-FINISH GREY	21,5	53
29941	HYDROPOOL CP2 2 USERS COLUMN SHOWER FOR DOMESTIC USE, GRANITE-FINISH GREY	23	53
30020	SPOUT 18MM-LENGTH 210MM-AERATOR 6 L/MN-THREADED LENGTH= 50MM	23	53
30021	SPOUT 18MM-LENGTH 130MM-AERATOR 6 L/MN-THREADED LENGTH= 50MM	23	53
30202	FIXED SPOUT FOR WASHBASINS	0,7	19, 163, 204
30212	CONCEALD DUAL WB TAP	2,6	13
30302	FIXED SPOUT FOR WASHBASINS	0,6	19, 163, 204
30311	SPOUT 26MM-LENGTH120MM-AERATOR VANDALPROOF 6 L/MN-THREADED LENGTH= 50MM	0,18	19, 141, 163, 204
30313	SPOUT 26MM-LENGTH120MM-AERATOR VANDALPROOF   6 L/MN-THREADED LENGTH= 230MM	0,53	19, 30, 136, 141, 163, 204
30315	SPOUT 26MM-LENGTH 200MM-AERATOR VANDALPROOF 6 L/MN-THREADED LENGTH= 50MM	0,21	19, 163, 204
30317	SPOUT 26MM-LENGTH 200MM-AERATOR VANDALPROOF 6 L/MN-THREADED LENGTH= 230MM	0,53	19, 30, 136, 163, 204
30616	WALL-MOUNTED SPOUT (LONG MODEL) M G 1/2 " FOR WALL THICKNESS UNTIL 16 CM	0,75	19, 30, 136, 163, 204
30620	WALL-MOUNTED SPOUT (LONG MODEL) F G 1/2	0,61	19, 163, 204
30621	WALL-MOUNTED SPOUT (LONG MODEL) M G 1/2 " - THREADED LENGHT = 21MM	0,69	19, 163, 204
30625	WALL-MOUNTED SPOUT (LONG MODEL) M G 1/2 " FOR WALL THICKNESS FROM 16 TILL 25 CM	0,9	19, 30, 136, 163, 204
30900	WALL MOUNTED SHORT SPOUT 1/2" MALE	0,35	19, 163, 204

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Ref.	Description	Weight	Pages
30901	WALL-MOUNTED SPOUT (SHORT MODEL) M G 1/2 " FOR WALL THICKNESS UNTIL 16 CM	0,525	19, 30, 31, 54, 136, 141, 161, 163, 204
30903	WALL-MOUNTED SPOUT (SHORT MODEL) F G 1/2 "	0,2	19, 163, 204
30906	WALL-MOUNTED SPOUT (SHORT MODEL) M G 1/2 " FOR WALL THICKNESS FROM 16 TILL 25 CM	0,691	19, 30, 31, 136, 141, 161, 163, 204
30915	SWIVEL SPOUT WITH AERATOR G 3/4 "	0,145	220
30916	SWIVEL SPOUT WITH AERATOR G 1/2 "	0,145	220
31001	P 12 WITHOUT NUTS G 1/2 "	0,41	84
31003	P 12 WITH NUTS AND SEALS	0,43	84
31100	PRESTO 512 S FOR TC CONTROL	0,7	30, 136
31120	PRESTO 12 FOR TC CONTROL	0,7	95, 138
31303	P 12 ANTI-FREEZING	0,45	84
31646	P712 KNEE OPERATED VALVE L565MM	0,69	18, 162, 203
31660	KIT NEW TC CONTROL FOR WASHBBASIN WITH SHORT SPOUT - PARTITION FROM 1,5 TO 200 MM	1,92	30, 136
31661	KIT NEW TC CONTROL FOR WASHBBASIN WITH SHORT SPOUT - PARTITION FROM 200 TO 300 MM	2,16	30, 136
31670	KIT NEW TC CONTROL FOR WASHBBASIN WITH LONG SPOUT - PARTITION FROM 1,5 TO 200 MM	2,1	30, 136
31671	KIT NEW TC CONTROL FOR WASHBBASIN WITH LONG SPOUT - PARTITION FROM 200 TO 300 MM	2,365	30, 136
31683	P 712 KNEE OPERATED VALVE	0,72	18, 162, 203
31707	P 12 A	0,42	84
31713	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 A DURAVIT / ROCA	0,57	88, 90, 92
31813	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 DURAVIT / ROCA	0,585	88, 90, 92
31815	P 612 TURNING SPOUT	0,548	13
31823	READY-TO-FIT UNIT FOR ANGLED URINALS P 12 V&B TROJA	0,67	92
31827	READY-TO-FIT FOR ANGLED URINALS P12 STARK	0,57	88
31828	READY-TO-FIT FOR ANGLED URINALSP12 TARGA PRO	0,57	88, 92
31829	READY-TO-FIT FORANGLED URINALS P12 ID3874	0,67	88
31830	READY-TO-FIT UNIT FOR STALL URINALS P 12 JD BOISSIÈRES II	0,66	90
31832	READY-TO-FIT UNIT FOR STALL URINALS P 12 JD MURALE II	0,65	90
31833	READY-TO-FIT UNIT FOR STALL URINALS P 12 ALLIA MONTCEAU / SELLES 452	0,66	88, 92
31835	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 ALLIA AMIGO 3645 / MONTCEAU 7390	0,695	88
31836	READY-TO-FIT FOR ANGLED URINALS P12 SATOLAS	0,67	88
31837	READY-TO-FIT P12 STARK	0,59	88
31838	READY-TO-FIT P12 TARGA PRO	0,59	88, 92
31840	READY-TO-FIT UNIT FOR STALL URINALS P 12 A JD BOISSIÈRES II	0,64	90
31842	READY-TO-FIT UNIT FOR STALL URINALS P 12 A JD MURALE II	0,63	90
31843	READY-TO-FIT UNIT FOR STALL URINALS P 12 A ALLIA MONTCEAU / SELLES 452	0,64	88, 92
31845	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 A ALLIA AMIGO 3645 / MONTCEAU 7390	0,69	88
31880	KIT NEW TC CONTROL FOR URINAL P12 - PARTITION FROM 1,5 TO 200 MM	1,157	95, 138

Ref.	Description	Weight	Pages
31881	KIT NEW TC CONTROL FOR URINAL P12 - PARTITION FROM 200 TO 300 MM	3,759	95, 138
31919	P712 KNEE OPERATED VALVE L490MM	0,84	18, 162, 203
31930	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 A PORCHER 2641	0,465	88, 90
31933	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 PORCHER 2641	0,48	88, 90
31936	READY-TO-FIT UNIT FOR ANGLED URINALS P 12 PORCHER 2651	0,573	90
31937	READY-TO-FIT UNIT FOR STANDARD URINALS P12 TARGA/ LOSANGE (V&B)	0,6	92
31946	READY-TO-FIT UNITFOR STANDARD URINALS P 12 A SELLES 8418	0,595	92
31947	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 SELLES 8418	0,6	92
31965	READY-TO-FIT UNIT FOR STANDARD URINALS P12A WALL-MOUNTED (IDEAL S.)	0,57	88
31968	READY-TO-FIT UNIT FOR STANDARD URINALS P12 WALL-MOUNTED (IDEAL S.)	0,585	88
31970	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 AALLIA / NOGENT	0,62	88, 92
31973	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 ALLIA / NOGENT	0,63	88, 92
31980	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 A JD / COQUILLE	0,48	90
31983	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 JD / COQUILLE	0,5	90
31986	READY-TO-FIT UNIT FOR ANGLED URINALS P 12 JD / COQUILLE	0,61	90
31988	READY-TO-FIT UNIT FOR ANGLED URINALS P 12 ALLIA / AMIGO 3645	0,825	88
31990	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 A ALLIA / AUBAGNE	0,59	88, 92
31993	READY-TO-FIT UNIT FOR STANDARD URINALS P 12 ALLIA / AUBAGNE	0,6	88, 92
31996	READY-TO-FIT UNIT FOR ANGLED URINALS P 12 ALLIA / AUBAGNE	0,715	88, 92
31997	READY-TO-FIT UNIT FOR ANGLED URINALS P 12 SELLES 8418	0,72	92
33902	PRESTO 504 ANTI-FREEZE	0,48	13
35011	ALPA MIXING VALVE, BLACK KNOB	0,955	40
35013	ALPA MIXING VALVE, BLACK KNOB WITH ADJUSTABLE ELBOW CONNECTORS	1,337	40
35166	ALPA S BC	1,200	40
35168	ALPA S BC AND ADJUSTABLE ELBOW CONNECTORS	1,600	40
35170	ALPA S BC WITH SCALE RESISTANT SHOWER HEAD, PIPE AND CLAMP	2,900	40
35172	ALPA S BC WITH SCALE RESISTANT SHOWER HEAD, PIPE, CLAMP AND ADJUSTABLE ELBOW CONNECTORS	3,000	40
35176	ALPA S BC CONCEALED	1,300	40
35190	ALPA N CONCEALED WITH WATERPROOF BOX	3,65	41
35192	ALPA S CONCEALED WITH WATERPROOF BOX ANTIBLOCING SYSTEM	3,65	41
35806	PRESTO MIXER 3500 WITH BLACK KNOB WITH DIRECTIONAL NOZZLE AND ADJUSTABLE ELBOW CONNECTORS	1,44	17
35807	PRESTO MIXER 3500 WITH CHROME PLATED KNOB WITH DIRECTIONAL NOZZLE AND ADJUSTABLE ELBOW CONNECTORS	1,64	17
35808	PRESTO MIXER 3500 WITH BLACK KNOB WITH SWIVEL SPOUT AND ADJUSTABLE ELBOW CONNECTORS	1,45	17

Ref.	Description	Weight	Pages
35809	PRESTO MIXER 3500 WITH CHROME PLATED KNOB WITH SWIVEL SPOUT AND ADJUSTABLE ELBOW CONNECTORS	1,64	17
35812	ALPA MIXING VALVE, CHROME PLATED KNOB, READY-TO-FIT UNIT, WITH FIXED SHOWER HEAD AND ADJUSTABLE ELBOW CONNECTORS	1	40
35813	ALPA MIXING VALVE, BLACK KNOB, READY-TO-FIT UNIT, WITH FIXED SHOWER HEAD AND ADJUSTABLE ELBOW CONNECTORS	3,304	40
35814	ALPA MIXING VALVE, CHROME PLATED KNOB WITH ADJUSTABLE ELBOW CONNECTORS	1,529	40
35815	ALPA MIXING VALVE, BLACK KNOB, READY-TO-FIT UNIT, WITH DIRECTIONAL SHOWER HEAD AND ADJUSTABLE ELBOW CONNECTORS	2,67	40
35816	ALPA MIXING VALVE, CHROME PLATED KNOB, READY-TO-FIT UNIT, WITH DIRECTIONAL SHOWER HEAD AND ADJUSTABLE ELBOW CONNECTORS	3,304	40
35901	ALPA MIXING VALVE, BLACK KNOB, READY-TO-FIT UNIT, WITH DIRECTIONAL SHOWERHEAD	2,67	40
35906	ALPA MIXING VALVE, BLACK KNOB, FOR PANEL MOUNTING,	1,01	40
35912	P 3500 MIXING TAP, BLACK KNOB, WITH DIRECTIONAL NOZZLE	1,07	17
35921	ALPA MIXING VALVE, BLACK KNOB, READY-TO-FIT UNIT, WITH FIXED SHOWER HEAD	2,62	40
35925	ALPA MIXING VALVE, CHROME PLATED KNOB	1,145	40
35927	ALPA MIXING VALVE, CHROME PLATED KNOB, READY-TO-FIT UNIT, WITH DIRECTIONAL SHOWER HEAD	2,89	40
35928	ALPA MIXING VALVE, CHROME PLATED KNOB, READY-TO-FIT UNIT, WITH FIXED SHOWER HEAD	2,84	40
35936	ALPA MIXING VALVE, CHROME PLATED KNOB, FOR PANEL MOUNTING	1,23	40
35941	ALPA MIXING VALVE, CHROME PLATED KNOB, CONCEALED WITH STAINLESS STEEL PLATE 18X18 CM	2,1	41
35943	P 3500 MIXING TAP, CHROME PLATED KNOB, WITH DIRECTIONAL NOZZLE	1,27	17
35945	ALPA MIXING VALVE, BLACK KNOB, CONCEALED, WITH STAINLESS STEEL PLATE 18X18 CM	1,915	41
35961	P 3500 MIXING TAP, BLACK KNOB, WITH SWIVEL SPOUT	1,1	17
35961	P 3500 MIXING TAP, BLACK KNOB, WITH SWIVEL SPOUT	1,1	17
35963	P 3500 MIXING TAP, CHROME PLATED KNOB, WITH SWIVEL SPOUT	1,32	17
37100	P 904 SOAP DISPENSER G 3/8 ", WALL-MOUNTED	0,46	12, 16, 148
37601	P 905 SOAP DISPENSER G 1/2 ", SURFACE-MOUNTED	0,73	12, 16, 18, 148
37906	P 915 SOAP DISPENSER G 1/2", SURFACE-MOUNTED	0,84	14, 17, 149, 185
37910	P 914 SOAP DISPENSER G 3/8 ", WALL-MOUNTED	0,57	14, 17, 167
37921	SOAP CONTAINER, 1 L FOR P 905 / 915 SOAP DISPENSER	0,25	149
37930	SOAP CONTAINER, 0,5 L FOR P 905 / 915 SOAP DISPENSER	0,235	149
37960	SOAP CONTAINER, 1 L WITHOUT A/R	0,03	149
38022	P 50 - P 50 TC IN-DUCT G 3/4"	0,58	42
38122	P 50 FOR PANEL MOUNTING	0,6	42
38222	P 50 B FOR CONCEALED MOUNTING WITH CHROMED CONCEALING PLATE	0,91	42
38230	KIT NEW TC CONTROL FOR SHOWER PRESTO 50 - PARTITION FROM 1,5 TO 200 MM	2,2	54, 137
38231	KIT NEW TC CONTROL FOR SHOWER PRESTO 50 - PARTITION FROM 200 TO 300 MM	2,4	54, 137
38240	KIT NEW TC CONTROL FOR SHOWER PRESTO 500 S - PARTITION FROM 1,5 TO 200 MM	2,2	54

Ref.	Description	Weight	Pages
38241	KIT NEW TC CONTROL FOR SHOWER PRESTO 500 S - PARTITION FROM 200 TO 300 MM	2,4	54
38310	P 500 S ANTI-BLOCKING SYSTEM	0,4	43
38320	P 500 S, BACK ARRIVAL ANTI-BLOCKING SYSTEM	0,4	43
38330	P 500 S B FOR CONCEALED MOUNTING WITH PLATE 16X16 CM ANTI-BLOCKING SYSTEM	0,7	43
38335	PRESTO 120 B CONCEALED TYPE ( WITHOUT STOP VALVE)	0,7	84, 87
38336	PRESTO 120 B CONCEALED TYPE ( WITH STOP VALVE)	0,9	84, 87
38340	P 500 S B FOR CONCEALED MOUNTING WITH PLATE 16X16 CM AND STOP VALVE ANTI-BLOCKING SYSTEM	0,900	43
38350	P 500 S READY-TO-FIT PANEL ANTI-BLOCKING SYSTEM	2,3	43
38360	P 500 S READY-TO-FIT PANEL, BACK ARRIVAL ANTI- BLOCKING SYSTEM	2,3	43
38370	PRESTO 500 S FOR TC CONTROL	0,9	54, 137
38760	PRESTO 50 FOR TC CONTROL	0,9	54, 137
38772	P 50 READY-TO-FIT UNIT WITH DIRECTIONAL SHOWER HEAD	2,325	42
38921	P 50 READY-TO-FIT UNIT WITH FIXED SHOWER HEAD	2,28	42
39002	CHROME PLATED WASHBASIN SIPHON	0,3	33
39102	URINAL SIPHON, ADJUSTABLE TUBE - REMOVABLE BOTTOM PART, OUTLET O.D. 55 MM MAX	0,6	98
39105	STRAIGHT SIPHON FOR URINAL OUTLET O.D. 48 - 52 MM	0,660	98
39106	URINAL SIPHON CONNECTOR	0,300	98
39204	SHOWER HEAD 45° + HOSEPIPE	0,74	110, 172
39205	SHOWER HEAD 120° + HOSEPIPE	0,77	110, 172
39207	BACK FLOW PREVENTER, HOLDER, HOSPIPE	0,63	110, 172
39209	CLINICAL PAN SPRAYER WITH RUBBER CARTRIDGE + BACK FLOW PREVENTER + SHOWER HEAD 45°	1,37	110, 172
39210	CLINICAL PAN SPRAYER WITH RUBBER CARTRIDGE + BACK FLOW PREVENTER + SHOWER HEAD 120°	1,46	110, 172
39211	TIMED FLOW CLINICAL PAN SPRAYER + BACK FLOW PREVENTER + SHOWER HEAD 45°	1,51	110, 172
39212	TIMED FLOW CLINICAL PAN SPRAYER + BACK FLOW PREVENTER + SHOWER HEAD 120°	1,5	110, 172
39213	CLINICAL PAN SPRAYER WITH RUBBER CARTRIDGE + PUSH BUTTON SHOWER HEAD	1,08	110, 172
40012	COMPENSATION WALL PLATE, THICKNESS 8 MM FOR ECLAIR / DIRECTIONAL SHOWER HEAD	0,04	113
40013	COMPENSATION WALL PLATE, THICKNESS 15 MM FOR ECLAIR	0,065	113
40020	90° WALL CONNECTION F G 1/2 "	0,091	33
40900	WALL FIXING PLATE G 3/8 " FOR P 504 / 904 / 914	0,01	13
40901	WALL FIXING PLATE G 1/2 " FOR P 504 / 507 / 704	0,012	13
40908	CHROMED PLATE ONLY FOR TUBE 32 MM	0,02	113
40909	CHROMED PLATE ONLY FOR TUBE 28 MM	0,019	113
40910	UPHOLDING PLATE FOR P 3500 MIXING TAP	0,192	17, 40
40915	EXTENSION FOR P 504 G 1/2 " - CAUTION: ONLY MANUFACTURED UPON REQUEST	0,018	13
41000	CHROMED STRAIGHT STOP VALVE INLET M G 1" 1/4 FOR ECLAIR AND EYREM	0,55	113
41010	CHROMED STRAIGHT STOP VALVE INLET F G 1" FOR ECLAIR AND EYREM	0,57	113
42000	CHROMED ANGLE STOP VALVE INLET M G 1" 1/4 FOR ECLAIR AND EYREM	0,52	113
42010	CHROMED ANGLE STOP VALVE INLET M G 1" FOR ECLAIR AND EYREM	0,54	113
42520	CHROMED ANGLE STOP VALVE INLET F G 3/4 " FOR P 1000 M	0,3	98, 113
42530	CHROMED ANGLE STOP VALVE INLET M G 1" 1/4' FOR P 1000 M	0,3	113

Ref.	Description	Weight	Pages
44042	NOZZLE 42 TUBING 32	0,25	112
44045	NOZZLE 45 TUBING 32	0,25	112
44047	NOZZLE 47 TUBING 32 NOZZLE 50 TUBING 32	0,255	112 112
44050	NOZZLE 50 TUBING 32	0,26	112
44055	NOZZLE 55 TUBING 32	0,26	112
44058	NOZZLE 58 TUBING 32	0,279	112
44242	NOZZLE 42 TUBING 28	0,273	112
44245	NOZZLE 42 TODING 28	0,26	112
44247	NOZZLE 47 TUBING 28	0,26	112
44250	NOZZLE 50 TUBING 28	0,27	112
44253	NOZZLE 53 TUBING 28	0,27	112
44255	NOZZLE 55 TUBING 28	0,27	112
44258	NOZZLE 58 TUBING 28	0,27	112
44900	NOZZLE < OR = 50 TUBING 30 TO 32	0,022	112
44902	NOZZLE < OR = 50 TUBING 28	0,022	107, 112
44903	NOZZLE 55 TUBING 28 TO 32	0,023	112
44915	EXPOSED NOZZLE FOR SIPHONIC ACTION URINALS DIAM. 35 FOR TUBING 18	0,00	98
45033	NOZZLE 33 TUBING 32	0,24	112
45035	NOZZLE 35 TUBING 32	0,235	112
45037	NOZZLE 37 TUBING 32	0,24	112
45040	NOZZLE 40 TUBING 32	0,245	112
45433	NOZZLE 33 TUBING 28	0,24	112
45435	NOZZLE 35 TUBING 28	0,24	112
45437	NOZZLE 37 TUBING 28	0,24	112
45440	NOZZLE 40 TUBING 28	0,245	112
46530	NOZZLE 30 TUBING 14	0,086	90
46535	NOZZLE 35 TUBING 14	0,09	98
46540	NOZZLE 40 TUBING 14	0,095	98
46732	NOZZLE 32 TUBING 18	0,085	98
46735	NOZZLE 35 TUBING 18	0,085	90, 98
46910	CONCEALED INLET KIT	0,095	87
47003	CHROMED PIPE CLAMPS WITH RUBBER BUFFER FOR TUBING 32 MM (ECLAIR & EYREM)	0,045	113
47004	CHROMED PIPE CLAMPS WITHOUT RUBBER BUFFER FOR TUBING 32 MM (ECLAIR & EYREM)	0,03	113
47007	CHROMED PIPE CLAMPS WITH RUBBER BUFFER FOR TUBING 28 MM (P 1000)	0,04	113
47008	CHROMED PIPE CLAMPS WITHOUT RUBBER BUFFER FOR TUBING 28 MM (P 1000)	0,03	113
47020	TUBE FOR TOILET BOWL, ELBOW - O.D. 32 MM : 66X26 CM, CHROMED BRASS (ECLAIR)	0,53	112
47040	TUBE FOR TOILET BOWL, ELBOW - O.D. 32 MM : 52X17 CM, CHROMED BRASS (EYREM)	0,4	112
47270	TUBE FOR TOILET BOWL, ELBOW - O.D. 28 MM : 52X20 CM, CHROMED BRASS (P 1000)	0,5	107, 112
47730	TUBE FOR TOILET BOWL, ELBOW - O.D. 32 MM : 66X31 CM, PVC (ECLAIR)	0,215	112
47850	TUBE PVC FOR PRESTO 1000/P1000XL	0,35	112
47865	TUBE PVC FOR PRESTO ECLAIR / EYREM / ECLAIR XL	0,6	112
47870	TUBE FOR TOILET BOWL, ELBOW - O.D. 28 MM : 52X20 CM, PVC (P 1000)	0,135	112
47871	TUBE FOR TOILET BOWL, ELBOW - O.D. 28 MM PVC (P 1000)	0,19	112

Ref.	Description	Weight	Pages
	·		
47938	TUBE FOR SQUAT TOILET, ELBOW - O.D. 32 MM : 100X26 CM, CHROMED BRASS (ECLAIR / EYREM)	0,811	112
47965	TUBE FOR SQUAT TOILET BOWL, ELBOW - O.D. 28 MM : 100X26 CM, CHROMED BRASS (P 1000)	0,79	112
48020	TUBE FOR TROUGHS, STRAIGHT - O.D. 32 MM : LENGTH 50 CM, CHROMED BRASS (ECLAIR / EYREM)	0,35	112
48320	TUBE FOR TROUGHS, STRAIGHT - O.D. 28 MM : LENGTH 50 CM, CHROMED BRASS (P 1000)	0,38	112
48908	CONCEALED FLUSHVALVE TUBE ONLY 28 MM (P 1000)	0,595	112
48909	CONCEALED FLUSHVALVE TUBE ONLY 32 MM (ECLAIR / EYREM)	0,645	112
49020	TUBE FOR TROUGHS, STRAIGHT - O.D. 32 MM, LENGTH 50 CM, CHROMED BRASS (ECLAIR / EYREM)	0,44	112
49040	TUBE FOR SQUAT TOILET, STRAIGHT, O.D. 32 MM, LENGTH: 1 M, WITHOUT CALKED END, CHROMED BRASS	0,85	112
49050	TUBE FOR SQUAT TOILET, STRAIGHT TUBE O.D. 32 MM : 1 M WITH CALKED END, CHROMED BRASS (ECLAIR / EYREM)	1,18	112
49320	TUBE FOR TROUGHS, STRAIGHT, O.D. 28 MM, LENGTH 50 CM, CHROMED BRASS (P 1000)	0,37	112
49340	TUBE FOR SQUAT TOILET, STRAIGHT, O.D. 28 MM, LENGTH 1 M, WITHOUT CALKED END, CHROMED BRASS (P 1000)	0,76	112
49350	TUBE FOR SQUAT TOILET, STRAIGHT, O.D. 28 MM, LENGTH 1 M, WITH CALKED END, CHROMED BRASS (P 1000)	1,11	112
49360	TUBE 28 FOR SQUAT TOILET, BRASS + CALKED END, LENGTH 1M	0,964	112
50300	WATER EFFECT DIAMETER 16 MM	0,125	86
50903	TUBE + NOZZLE FOR WALL-MOUNTED URINALS ALLIA / NOGENT - P 12/12 A	0,2	92
50904	TUBE + NOZZLE FOR WALL-MOUNTED URINALS JD / COQUILLE - P 12/12 A	0,065	90
50905	TUBE + NOZZLE FOR WALL-MOUNTED URINALS ALLIA / AUBAGNE - P 12/12 A	0,17	88, 92
50908	TUBE + NOZZLE FOR WALL-MOUNTED URINALS PORCHER 2641 - P 12/12 A / PORCHER ANGLED 2651 - P 12	0,05	88, 90
50910	TUBE + NOZZLE FOR WALL-MOUNTED URINALS SELLES 8418 - P 12/12 A	0,17	92
50913	TUBE + NOZZLE FOR WALL-MOUNTED URINALS SELLES 8645 / JD / KERAX - P 12/12 A	0,15	88, 90, 92
50914	TUBE + NOZZLE FOR ANGLED URINALS JD / COQUILLE - P 12	0,065	90
50915	TUBE + NOZZLE FOR ANGLED URINALS ALLIA / AUBAGNE - P 12	0,19	88, 92
50916	TUBE + NOZZLE FOR STALLS JD / BOISSIÈRES II 478 - P 12/12 A	0,2	90, 92
50917	TUBE + NOZZIE FOR STALLS JD / MURALE II P 12/12 A	0,26	90
50919	TUBE + NOZZLE FOR STALLS ALLIA / MONTCEAU / SELLES 452 - P 12/12 A	0,26	88, 92
50920	TUBE + NOZZLE FOR STALLS PORCHER / MODERNE 3981 (WATER NOZZLE 6520 NOT SUPPLIED) - P 12/12 A	0,05	90
50921	TUBE + NOZZLE FOR STALLS PORCHER / STELLA 3940 (WATER NOZZLE 7560 NOT SUPPLIED), WALL-MOUNTED URINALS PORCHER /APPLI. 2690 - P 12/12 A	0,08	88
50922	TUBE + NOZZLE FOR STALLS PORCHER / MODERNE 3981 (WATER NOZZLE 6520 NOT SUPPLIED) - P 12/12 A	0,05	90
50925	TUBE + NOZZLE FOR ANGLED URINALS SELLES / FACE 8415 - P 12	0,18	92
50928	TUBE + NOZZLE FOR ANGLED URINALS ALLIA / AMIGO 3645 - P 12	0,255	88
50930	TUBE + NOZZLE FOR SIPHONIC ACTION URINALS IS / PRIVAL / V&B / ESTA 7508 / MAGNUM - P 60	0,18	88, 90, 92
50940	NOZZLE FOR ALLIA NOGENT	0,155	88
50941	NOZZLE FOR ALLIA AUBAGNE	0,155	88

Ref.	Description	Weight	Pages
50942	NOZZLE FOR SELLES 8418	0,155	92
50943	NOZZLE FOR PORCHER CONQUE	0,155	90
50944	TUBE + NOZZLE FOR WALL-MOUNTED URINALS DURAVIT / NEISSE - P 12/12 A	0,18	88
50946	TUBE + NOZZLE FOR WALL-MOUNTED URINALS ALLIA / AMIGO 3645 - P 12/12 A	0,25	88
50947	CONCEALED PIPE FOR SIPHONIC ACTION URINALS	0,168	92
50954	TUBE + NOZZLE FOR SIPHONIC ACTION URINALS JD / ALMA - P 60	0,135	87
50956	TUBE + NOZZLE FOR WALL MOUNTED URINALS JD / ATLAS - P 12/12 A	0,19	90
50958	TUBE EQUIPED FOR SATOLAS ANGLE	0,15	88
50959	TUBE EQUIPED FOR URINAL STARK	0,15	88
50961	TUBE EQUIPED FOR URINAL BLAGNAC	0,015	88, 92
50962	TUBE EQUIPED FOR URINAL ID 3874	0,15	88
50971	TUBE EQUIPED VB / TARGA	0,19	92
51320	COMPRESSED AIR STORAGE BOTTLE 20 L , CONNECTION F G 1" 1/4	5,15	111
51340	COMPRESSED AIR STORAGE BOTTLE 45 L , CONNECTION F G 1" 1/4	9,92	111
52037	PRESTORIZON MITIGEUR EN TC SUR SECTEUR CHROME		22
52038	PRESTORIZON SENSOR MIXER TAP - TRANSFORMER - IN DUCT MOUNTING		22
52039	PRESTORIZON SENSOR SIMPLE TAP - TRANSFORMER - IN DUCT MOUNTING		22
52040	PRESTORIZON SENSOR SIMPLE TAP - BATTERY - IN DUCT MOUNTING		22
52041	PRESTORIZON SENSOR SIMPLE TAP - BATTERY - WALL MOUNTING		22
52354	PRESTO 6400 THERMOSTATIC WASHBASIN / BATTERY	3,56	27
52355	PRESTO 9400 THERMOSTATIC SHOWER / BATTTERY	2,763	51
52400	DETECTION SYSTEM FOR IN-DUCT MOUNTING, WITH EXTERNAL TRANSFORMERFOR WASHBASIN OR SHOWER	1,46	31, 55, 141, 142, 161
52401	DETECTION SYSTEM FOR IN-DUCT MOUNTING, WITH EXTERNAL TRANSFORMER FOR URINAL	1,46	96, 143
52453	DETECTION SYSTEM FOR 1 URINAL	1,2	97, 145
52454	DETECTION SYSTEM FOR 4 TO 6 URINALS	0,99	97, 145
52460	WASHBASIN DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT FOR WALL 0 TO 10 MM	1,130	31, 55, 141, 142, 161
52461	WASHBASIN DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT FOR WALL 10 TO 50 MM	1,210	31, 55, 141, 142, 161
52462	WASHBASIN DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT FOR WALL 50 TO 200 MM	1,430	31, 55, 141, 142, 161
52463	URINAL DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT FOR WALL 0 TO 10 MM	1,130	96, 143
52464	URINAL DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT FOR WALL 10 TO 50 MM	1,220	96, 143
52465	URINAL DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT FOR WALL 50 TO 200 MM	1,430	96, 143
52469	WASHBASIN DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT + SPOUT FOR WALL 0 TO 10 MM	1,740	31, 141, 161
52470	WASHBASIN DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT +SPOUT FOR WALL 10 TO 50 MM	2,350	31, 141, 161
52471	WASHBASIN DETECTION SYSTEM FOR IN-DUCT MOUNTING EXTRA FLAT +SPOUT FOR WALL 50 TO 200 MM	2,530	31, 141, 161

Ref.	Description	Weight	Pages
52812	REGULAR WASHING FOR URINALS WITH WEEKLY CLOCK	2,530	31, 141, 161
52813	REGULAR WASHING FOR URINALS WITH TIME DELAY TRIGGORING	2,530	31, 141, 161
52900	ELECTRONIC MODULE FOR INFRARED BARRIER	0,7	236
52904	ELECTRONIC MODULE ONLY FOR COMPLETE UNIT PART NO 52920	0,456	234
52914	COMPLETE CONCEALED ELECTRONIC UNIT FOR SIPHONIC ACTION URINALS IN LINE	4,41	97
52920	COMPLETE CONCEALED ELECTRONIC UNIT FOR HYGIEN CORRIDOR / FOOT BATH	4,42	51
52940	HYDRAULIC MODULE FOR PART NO 52915	1,34	236
52942	HYDRAULIC MODULE ( VALVE D 17) FOR COMPLETE UNIT PART NO 52914	2,3	234, 236
55050	PREMIXED WASHBASIN TAP IR AC - STANDARD FLEXIBLES AND STRAIGHT STOP VALVE	1,500	23
55051	PREMIXED WASHBASIN TAP IR AC - PEX FLEXIBLES AND STRAIGHT STOP VALVE PRESTO CARE	1,500	159, 201
55060	IR TAP BATTERY	1,300	23
55062	PREMIXED WATER IR TAP BATTERY PRESTO CARE	1,300	159, 201
55081	PREMIXED WASHBASIN TAP IR - BATTERY - STANDARD FLEXIBLES WITHOUT STOP VALVE	1,4	23
55083	PREMIXED WASHBASIN TAP IR AC - STANDARD FLEXIBLES WITHOUT STOP VALVE	1,2	23
55130	PRESTO 5750 STANDARD SPOUT SWIVEL - BATTERY	3,5	26, 158, 200
55131	PRESTO 5750 STANDARD FIXED SPOUT -BATTERY	2,9	26, 158, 200
55132	PRESTO 5750 HIGH SWIVEL SPOUT - BATTERY	3,7	26, 158, 200
55133	PRESTO 5750 HIGH FIXED SPOUT - BATTERY	3,1	26, 158, 200
55134	PRESTO 5750 HIGH SWIVEL SPOUT BATTERY START / STOP	3,1	26, 158, 200
55135	PRESTO 5750 STANDARD SPOUT SWIVEL- TRANSFORMER	3,7	26, 158, 200
55136	PRESTO 57750 STANDARD FIXED SPOUT -TRANSFORMER	3,1	26, 158, 200
55137	PRESTO 5750 HIGH SWIVEL SPOUT - TRANSFORMER	3,9	26, 158, 200
55138	PRESTO 5750 HIGH FIXED SPOUT - TRANSFORMER	3,3	26, 158, 200
55139	PRESTO 5750 HIGH SWIVEL SPOUT TRANSFORMER START / STOP	3,3	26, 158, 200
55150	VOLTA IR MIXER AC	1,700	23
55151	VOLTA IR MIXER AC WITHOUT LEVER	1,300	23
55152	VOLTA IR MIXER AC PRESTO CARE	1,700	201
55153	VOLTA IR MIXER AC WITHOUT LEVER PRESTO CARE	1,300	159, 201
55160 55162	VOLTA IR MIXER BATTERY VOLTA IR MIXER BATTERY PRESTO CARE	1,500	23
55163	VOLTA IR MIXER BATTERY WITHOUT LEVER	1,500 1,550	159, 201 23
55164	VOLTA IR MIXER BATTERY WITHOUT LEVER PRESTO CARE	1,550	159, 201
55200	SENSAO 5100 CONCEALED STD SPOUT - EPOXY WHITE	2,140	28
55205	SENSAO 5100H CONCEALED HIGH SPOUT - EPOXY WHITE	2,400	160, 202
55210	SENSAO 5100 CONCEALED STD SPOUT - CHROME	2,130	28
55211	VOLTA IR MIXER AC WITHOUT STOP VALVE	1,7	23
55213	VOLTA IR MIXER AC WITHOUT LEVER AND WITHHOUT STOP VALVE	1,65	23
55215	SENSAO 5100H CONCEALED HIGH SPOUT - CHROME	2,400	160, 202

SENSAO 5200 - STANDARD SPOUT EXPOSED - 6V LITHIUM	Ref.	Description	Weight	Pages
SEASO   SEAS	55216	VOLTA IR MIXER -BATTERY- WITHOUT STOP VALVE	1,55	23
BATTERY INCORPORATED-IVORY WHITE EPOXY   SENSAO S200 EXPOSED BATTERY SHORT SPOUT-	55218		1,5	23
NORY WHITE	55220		2,12	28
SATTERY INCORPORATED - IVORY WHITE EPOXY   SENSAO 5200 - STANDARD SPOUT EXPOSED - 6V LITHIUM   2,09   28   SENSAO 5200 - STANDARD SPOUT EXPOSED - 6V LITHIUM   2,19   160, 202   SENSAO 5200 EXPOSED BATTERY SHORT SPOUT - 1,97   28   SENSAO 5200 H - HIGH SPOUT EXPOSED - 6V LITHIUM   2,19   160, 202   SENSAO 5300 CONCEALED BATTERY STD SPOUT - 2,110   28   SENSAO 5300 CONCEALED BATTERY STD SPOUT - 2,110   28   SENSAO 5300 CONCEALED BATTERY HIGH SPOUT - 2,095   28   SENSAO 5300 CONCEALED BATTERY HIGH SPOUT - 2,095   28   SENSAO 5300 CONCEALED BATTERY STD SPOUT - 2,095   28   SENSAO 5300 CONCEALED BATTERY HIGH SPOUT - 1,815   160, 202   SENSAO 5300 CONCEALED BATTERY HIGH SPOUT - 1,815   160, 202   SENSAO 5300 CONCEALED BATTERY HIGH SPOUT - 1,815   160, 202   SENSAO 5300 CONCEALED BATTERY HIGH SPOUT - 1,895   86   SENSAO 8200 - EXPOSED TAP FOR URINAL WITH 6V LITHIUM BATTERY - IN LINE SUPPLY - IVORY WHITE EPOXY SENSAO 8100 CONCEALED AC - EPOXY WHITE   1,670   86   86   SENSAO 8100 CONCEALED AC - EPOXY WHITE   1,670   86   86   SENSAO 8100 CONCEALED BATTERY - EPOXY WHITE   1,655   86   SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE   1,655   86   SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE   1,655   86   SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE   1,655   86   SENSAO 8300 CONCEALED BATTERY FOR URINAL   0,73   236   SENSAO 8300 CONCEALED BATTERY FOR URINAL   0,73   237   237   237   237   237   237   237   237   237	55221		2	28
BATTERY INCORPORATED: SILK CHROME   1,97   28	55225		2,19	160, 202
SILK CHROME	55230		2,09	28
SENSAO 5300 CONCEALED BATTERY STD SPOUT -	55231		1,97	28
EPOXY WHITE   1,845   160, 202   25245   SENSAO 5300H CONCEALED BATTERY HIGH SPOUT-   1,845   160, 202   28   28   2,095   28   28   2,095   28   28   2,095   29   2,095   28   2,095   29   2,095   28   2,095   29   2,095   29   2,095   29   2,095   28   2,095   29   2,095   29   2,095   29   2,095	55235		2,19	160, 202
SENSAO 5300 CONCEALED BATTERY STD SPOUT - CHROME   1,815   160, 202	55240		2,110	28
CHROME	55245		1,845	160, 202
CHROME         CHROME         1,595         86           55300         SENSAO 8200 - EXPOSED TAP FOR URINAL WITH 6V LITHIUM BATTERY - IN LINE SUPPLY - IVORY WHITE EPOXY         1,670         86           55320         SENSAO 8100 CONCEALED AC - CHROME         1,690         86           55321         SENSAO 8100 CONCEALED AC - CHROME         1,690         86           55322         FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL         0,73         236           55333         SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE         1,655         86           55331         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55332         FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL         0,73         236           55331         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55332         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55333         SENSAO 8300 CONCEALED BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO.         1,1         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO.         1,250         29, 132	55250		2,095	28
LITHIUM BATTERY - IN LINE SUPPLY - IVORY WHITE EPOXY  55320 SENSAO 8100 CONCEALED AC - EPOXY WHITE  55321 SENSAO 8100 CONCEALED AC - CHROME  55322 FRONT PLATE SENSAO EPOXY TRANSFO. FOR URINAL  55323 FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL  55323 FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL  55330 SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE  1,655 86  55331 SENSAO 8300 CONCEALED BATTERY - CHROME  1,650 86  55332 FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL  0,73 236  55333 FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL  0,73 236  55334 FRONT PLATE SENSAO CHROME BATTERY FOR URINAL  0,73 236  55334 FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT  55335 FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO.  1,1 29, 132  55336 FRONT PLATE CHROMED FOR SENSAO WASHBASIN  BATTERY + SDT SPOUT  55337 FRONT PLATE CHROMED FOR SENSAO WASHBASIN  BATTERY + SDT SPOUT  55338 FRONT PLATE CHROMED FOR SENSAO WASHBASIN  TRANSFO. + SDT SPOUT  55339 FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY  + HIGHT SPOUT  55340 FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO.  + HIGHT SPOUT  55341 FRONT PLATE CHROMED FOR SENSAO WASHBASIN  TRANSFO. + HIGHT SPOUT  55360 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR  ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED  55361 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR  ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED  55362 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR  ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED  55363 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR  ORDINARY URINAL - 6V LITHIUM BATTERY  1,513 158, 200  55451 SENSAO 6000 BASSIN MOUNTED TRANSFORMER  1,731 27, 200  55460 SENSAO 6100 WALL MOUNTED BATTERY  1,217 31, 141, 161	55255		1,815	160, 202
55321         SENSAO 8100 CONCEALED AC - CHROME         1,690         86           55322         FRONT PLATE SENSAO EPOXY TRANSFO. FOR URINAL         0,73         236           55323         FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL         0,73         236           55330         SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE         1,655         86           55331         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55332         FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL         0,73         236           55333         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,15         29, 132           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,12         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,250         29, 132           55337         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29, 132           55339         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           553	55300		1,595	86
55322         FRONT PLATE SENSAO EPOXY TRANSFO. FOR URINAL         0,73         236           55323         FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL         0,73         236           55320         FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL         0,73         236           55330         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55331         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55332         FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL         0,73         236           55333         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,15         29, 132           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,20         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29, 132	55320	SENSAO 8100 CONCEALED AC - EPOXY WHITE	1,670	86
55323         FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL         0,73         236           55330         SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE         1,655         86           55331         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55332         FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL         0,73         236           55333         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY         1,15         29, 132           + SDT SPOUT         1,15         29, 132         1,15         29, 132           55336         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO.         1,1         29, 132           55337         FRONT PLATE CHROMED FOR SENSAO WASHBASIN         1,050         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY         1,320         29, 132           55339         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO.         1,250         29, 132           55340         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO.         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO.         1,250         29, 132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO.	55321	SENSAO 8100 CONCEALED AC - CHROME	1,690	86
55330         SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE         1,655         86           55331         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55332         FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL         0,73         236           55333         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,15         29, 132           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,1         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,050         29, 132           55337         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,050         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. HIGHT SPOUT         1,250         29, 132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. HIGHT SPOUT         1,310         29, 132           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER <td< th=""><th>55322</th><th>FRONT PLATE SENSAO EPOXY TRANSFO. FOR URINAL</th><th>0,73</th><th>236</th></td<>	55322	FRONT PLATE SENSAO EPOXY TRANSFO. FOR URINAL	0,73	236
55331         SENSAO 8300 CONCEALED BATTERY - CHROME         1,650         86           55332         FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL         0,73         236           55333         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,15         29, 132           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,12         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,050         29, 132           55337         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,270         29, 132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29, 132           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER	55323	FRONT PLATE SENSAO CHROME TRANSFO. FOR URINAL	0,73	236
55332         FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL         0,73         236           55333         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,15         29, 132           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,1         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,050         29, 132           55337         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,050         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29, 132           55339         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29, 132           55361         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29, 132           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED         1,513         158, 200	55330	SENSAO 8300 CONCEALED BATTERY - EPOXY WHITE	1,655	86
55333         FRONT PLATE SENSAO CHROME BATTERY FOR URINAL         0,73         236           55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,15         29, 132           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,1         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,050         29, 132           55337         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,050         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29, 132           55339         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,270         29, 132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29, 132           55360         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY         1,513         158, 200           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,513         158, 200	55331	SENSAO 8300 CONCEALED BATTERY - CHROME	1,650	86
55334         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,15         29, 132           55335         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,1         29, 132           55336         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + SDT SPOUT         1,050         29, 132           55337         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,050         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29, 132           55339         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,270         29, 132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29, 132           55360         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED         1,400         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,731         27, 200           55451         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,449         31, 141, 161 <tr< th=""><th>55332</th><th>FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL</th><th>0,73</th><th>236</th></tr<>	55332	FRONT PLATE SENSAO EPOXY BATTERY FOR URINAL	0,73	236
+ SDT SPOUT  55335 FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT  55336 FRONT PLATE CHROMED FOR SENSAO WASHBASIN	55333	FRONT PLATE SENSAO CHROME BATTERY FOR URINAL	0,73	236
+ SDT SPOUT  55336 FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + SDT SPOUT  55337 FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT  55338 FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT  55339 FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT  55340 FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT  55341 FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT  55341 FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT  55360 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED  55361 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED  55450 SENSAO 6000 BASSIN MOUNTED TRANSFORMER  1,731 27, 200  55451 SENSAO 6000 BASSIN MOUNTED TRANSFORMER  1,449 31, 141, 161  55461 SENSAO 6100 WALL MOUNTED BATTERY  1,217 31, 141,	55334		1,15	29, 132
BATTERY + SDT SPOUT         1,050         29,132           55337         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + SDT SPOUT         1,050         29,132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29,132           55339         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29,132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,270         29,132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29,132           55360         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED         1,400         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,731         27, 200           55451         SENSAO 6000 BASSIN MOUNTED BATTERY         1,513         158, 200           55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 161	55335		1,1	29, 132
TRANSFO. + SDT SPOUT         1,320         29, 132           55338         FRONT PLATE EPOXY FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,320         29, 132           55339         FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,250         29, 132           55340         FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT         1,270         29, 132           55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29, 132           55360         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED         1,400         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,731         27, 200           55451         SENSAO 6000 BASSIN MOUNTED BATTERY         1,513         158, 200           55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 161	55336		1,12	29, 132
+ HIGHT SPOUT  55339 FRONT PLATE EPOXY FOR SENSAO WASHBASIN TRANSFO. 1,250 29, 132 + HIGHT SPOUT  55340 FRONT PLATE CHROMED FOR SENSAO WASHBASIN 1,270 29, 132 BATTERY + HIGHT SPOUT  55341 FRONT PLATE CHROMED FOR SENSAO WASHBASIN 1,310 29, 132 TRANSFO. + HIGHT SPOUT  55360 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED  55361 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED  55450 SENSAO 6000 BASSIN MOUNTED TRANSFORMER 1,731 27, 200 55451 SENSAO 6000 BASSIN MOUNTED BATTERY 1,513 158, 200 55460 SENSAO 6100 WALL MOUNTED TRANSFORMER 1,449 31, 141, 161 55461 SENSAO 6100 WALL MOUNTED BATTERY 1,217 31, 141, 161	55337		1,050	29, 132
+ HIGHT SPOUT  55340 FRONT PLATE CHROMED FOR SENSAO WASHBASIN BATTERY + HIGHT SPOUT  55341 FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT  55360 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED  55361 SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED  55450 SENSAO 6000 BASSIN MOUNTED TRANSFORMER  1,731 27, 200  55451 SENSAO 6000 BASSIN MOUNTED BATTERY  1,513 158, 200  55460 SENSAO 6100 WALL MOUNTED TRANSFORMER  1,449 31, 141, 161  55461 SENSAO 6100 WALL MOUNTED BATTERY  1,217 31, 141,	55338		1,320	29, 132
55341         FRONT PLATE CHROMED FOR SENSAO WASHBASIN TRANSFO. + HIGHT SPOUT         1,310         29,132           55360         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED         1,400         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,731         27, 200           55451         SENSAO 6000 BASSIN MOUNTED BATTERY         1,513         158, 200           55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 161	55339		1,250	29, 132
55360         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR ORDINARY URINAL - 6V LITHIUM BATTERY INCORPORATED         1,350         85           55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED         1,400         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,731         27, 200           55451         SENSAO 6000 BASSIN MOUNTED BATTERY         1,513         158, 200           55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 161	55340		1,270	29, 132
55361         SENSAO 8400 - EXPOSED RIGHT-ANGLE TAP FOR SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED         1,400         85           55450         SENSAO 6000 BASSIN MOUNTED TRANSFORMER         1,731         27, 200           55451         SENSAO 6000 BASSIN MOUNTED BATTERY         1,513         158, 200           55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 161	55341		1,310	29, 132
SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY INCORPORATED	55360		1,350	85
55451         SENSAO 6000 BASSIN MOUNTED BATTERY         1,513         158, 200           55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 31, 141, 161	55361	SIPHONAC ACTION URINAL - 6V LITHIUM BATTERY	1,400	85
55451         SENSAO 6000 BASSIN MOUNTED BATTERY         1,513         158, 200           55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 31, 141, 161	55450	SENSAO 6000 BASSIN MOUNTED TRANSFORMER	1,731	27, 200
55460         SENSAO 6100 WALL MOUNTED TRANSFORMER         1,449         31, 141, 161           55461         SENSAO 6100 WALL MOUNTED BATTERY         1,217         31, 141, 31, 141, 161	55451	SENSAO 6000 BASSIN MOUNTED BATTERY		158, 200
55461 SENSAO 6100 WALL MOUNTED BATTERY 1,217 31, 141,	55460			31, 141,
161	55461	SENSAO 6100 WALL MOUNTED BATTERY	1,217	31, 141, 161

Ref.	Description	Weight	Pages
55500	PRESTO 7100 XL TRANSFORMER	2,250	109
55501	PRESTO 7200 XL BATTERY	2,200	109
55511	FRONT PLATE P7200 XL BATTERY	1	109
55512	FRONT PLATE P7100 XL TRANSFO.	1,01	109
55514	P7300 XL COMPLETE FOR TECHNICAL DUCT	1,620	122, 144
56200	SO'O SENSOR MIXER TAP BASIN-MOUNTED, BATTERY	1,500	24
56201	SO'O SENSOR MIXER TAP BASIN-MOUNTED HIGH MODEL, BATTERY	2,000	24
56204	SO'O SENSOR MIXER TAP BASIN-MOUNTED, BATTERY WITHOUT STOP VALVE	1,500	24
56205	SO'O SENSOR MIXER TAP BASIN-MOUNTED HIGH MODEL, BATTERY WITHOUT STOP VALVE	2,000	24
56206	SO'O BLACK SENSOR MIXER TAP BASIN-MOUNTED, BATTERY	1,500	24, 25
56207	SO'O BLACK SENSOR MIXER TAP BASIN-MOUNTED HIGH MODEL, BATTERY	2,000	24, 25
56208	SO'O WHITE SENSOR MIXER TAP BASIN-MOUNTED, BATTERY	1,500	24, 25
56209	SO'O WHITE SENSOR MIXER TAP BASIN-MOUNTED HIGH MODEL, BATTERY	2,000	24, 25
56210	SENSOR MIXER TAP BASIN-MOUNTED, TRANSFORMER	1,750	24
56211	SENSOR MIXER TAP BASIN-MOUNTED RISED, TRANSFORMER	2,250	24
56214	SENSOR MIXER TAP BASIN-MOUNTED, TRANSFORMER WITHOUT STOP VALVE	1,75	24
56215	SENSOR MIXER TAP BASIN-MOUNTED RISED, TRANSFORMER WITHOUT STOP VALVE	2	24
56220	SENSOR TAP BASIN-MOUNTED, BATTERY	1,400	24
56221	SENSOR TAP BASIN-MOUNTED HIGH MODEL, BATTERY	1,900	24
56224	SENSOR TAP BASIN-MOUNTED, BATTERY WITHOUT STOP VALVE	1,45	24
56225	SENSOR TAP BASIN-MOUNTED HIGH MODEL, BATTERY WITHOUT STOP VALVE	2,365	24
56230	SENSOR MIXER TAP BASIN-MOUNTED, TRANSFORMER	1,650	24
56231	SENSOR TAP BASIN-MOUNTED HIGH MODEL, TRANSFORMER	2,150	24
56234	SENSOR MIXER TAP BASIN-MOUNTED, TRANSFORMER WITHOUT STOP VALVE	1,65	24
56235	SENSOR TAP BASIN-MOUNTED HIGH MODEL, TRANSFORMER WITHOUT STOP VALVE	2,15	24
56602	SENSITIVE MIXER PRESTO TOUCH -BATTERY- WITHOUT STOP VALVE	1,463	20
56603	SENSITIVE MIXER PRESTO TOUCH -BATTERY- WIT STRAIGHT STOP VALVE	1,63	20
56604	SENSITIVE MIXER PRESTO TOUCH -TRANSFORMER-WITHOUT STOP VALVE	1,759	20
56605	SENSITIVE MIXER PRESTO TOUCH -TRANSFORMER- WIT STRAIGHT STOP VALVE	1,94	20
56606	SENSITIVE MIXER PRESTO TOUCH MATT BLACK -BATTERY-WITHOUT STOP VALVE	1,463	21
56607	SENSITIVE MIXER PRESTO TOUCH MATT BLACK -BATTERY- WIT STRAIGHT STOP VALVE	1,63	21
56608	SENSITIVE MIXER PRESTO TOUCH MATT BLACK -TRANSFORMER- WITHOUT STOP VALVE	1,463	21
56609	SENSITIVE MIXER PRESTO TOUCH MATT BLACK -TRANSFORMER- WIT STRAIGHT STOP VALVE	1,63	21
56610	SENSITIVE MIXER PRESTO TOUCH WHITE -BATTERY-WITHOUT STOP VALVE	1,463	21
56611	SENSITIVE MIXER PRESTO TOUCH WHITE -BATTERY- WIT STRAIGHT STOP VALVE	1,63	21

Ref.	Description	Weight	Pages
56612	SENSITIVE MIXER PRESTO TOUCH WHITE -TRANSFORMER- WITHOUT STOP VALVE	1,463	21
56613	SENSITIVE MIXER PRESTO TOUCH WHITE -TRANSFORMER- WIT STRAIGHT STOP VALVE	1,63	21
56614	SENSITIVE MIXER PRESTO TOUCH SUNFLOWER -BATTERY-WITHOUT STOP VALVE	1,463	21
56615	SENSITIVE MIXER PRESTO TOUCH SUNFLOWER -BATTERY-WIT STRAIGHT STOP VALVE	1,63	21
56616	SENSITIVE MIXER PRESTO TOUCH SUNFLOWER -TRANSFORMER- WITHOUT STOP VALVE	1,463	21
56617	SENSITIVE MIXER PRESTO TOUCH SUNFLOWER -TRANSFORMER- WIT STRAIGHT STOP VALVE	1,63	21
56618	SENSITIVE MIXER PRESTO TOUCH ANISE -BATTERY-WITHOUT STOP VALVE	1,463	21
56619	SENSITIVE MIXER PRESTO TOUCH ANISE -BATTERY- WIT STRAIGHT STOP VALVE	1,63	21
56620	SENSITIVE MIXER PRESTO TOUCH ANISE -TRANSFORMER-WITHOUT STOP VALVE	1,463	21
56621	SENSITIVE MIXER PRESTO TOUCH ANISE -TRANSFORMER-WIT STRAIGHT STOP VALVE	1,63	21
56622	SENSITIVE MIXER PRESTO TOUCH RASPEBERRY-BATTERY-WITHOUT STOP VALVE	1,463	21
56623	SENSITIVE MIXER PRESTO TOUCH RASPEBERRY -BATTERY- WIT STRAIGHT STOP VALVE	1,63	21, 175
56624	SENSITIVE MIXER PRESTO TOUCH RASPEBERRY -TRANSFORMER- WITHOUT STOP VALVE	1,463	21
56625	SENSITIVE MIXER PRESTO TOUCH RASPEBERRY -TRANSFORMER- WIT STRAIGHT STOP VALVE	1,63	21
56632	SENSITIVE SIMPLE TAP PRESTO TOUCH -BATTERY-WITHOUT STOP VALVE	1,285	20
56633	SENSITIVE SIMPLE TAP PRESTO TOUCH -BATTERY- WIT STRAIGHT STOP VALVE	1,365	20
56634	SENSITIVE SIMPLE TAP PRESTO TOUCH -TRANSFORMER-WITHOUT STOP VALVE	1,571	20
56635	SENSITIVE SIMPLE TAP PRESTO TOUCH -TRANSFORMER-WIT STRAIGHT STOP VALVE	1,651	20
60001	WASHBASIN KIT + FIXED WALL BRACKETS + PLUG AND TRAP	28,350	26, 175, 176
60002	WASHBASIN KIT + MANUEL WALL BRACKETS + PLUG AND TRAP	30,000	26, 176
60003	WASHBASIN KIT + PNEUMATIC WALL BRACKETS + PLUG AND TRAP	33,800	176
60007	PLUG IN CHROME PLATED BRASS	0,840	176
60009	TRAP FOR PRESTO CARE WB FIXED	0,840	176
60010	PRESTO WASHBASIN PACK « CONFORT PLUS "		176
60011	PRESTO WASHBASIN PACK « CONFORT »		175
60012	PRESTO WASHBASIN PACK « CLASSIQUE PLUS "		175
60050	PILAR LEVER MIXER + HAND SHOWER	1,990	165, 205
60051	PILAR LEVER MIXER SHORT SPOUT	1,370	164
60052	PILAR LEVER MIXER LONG SP OUT WALL LEVER MIXER	1,350	166
60053	WALL SHOWER MIXER	1,630 1,260	167 169
60058	PILAR LEVER MIXER	1,260	166
60059	PILAR LEVER MIXER	1,970	166
60060	PRESTO PACK CLASSIC WASHBASIN	30,100	175
60063	PRESTO PACK CONFORT SHOWER	29,700	177
60064	PRESTO PACK CLASSIC WC	45,400	179
60065	PRESTO PACK COMFORT FOR TOILET	45,750	179
60069	CARTRIDGE FOR REF. 60251,60252,60257,60258	0,150	222

Ref.	Description	Weight	Pages
60070	FLOW RAT CARTRIDGE FOR MIXER TAP REF60251,60252	0,09	222
60071	HANDSPRAY SINGLE FOR REF60050	0,100	165, 222
60072	FLEXIBLE HOSE FOR REF. 60050, 60058, 60059, 60081	0,400	222
60073	CARTRIDGE FOR REF. 60056, 60089, 60090, 60093 TILL 60096	0,100	222
60074	CARTRIDGE FOR MIXER TAP REF. 60050, 60081	0,100	222
60075	CARTRIDGE FOR MIXER TAP REF. 60055	0,100	222
60076	CARTRIDGE FOR MIXER TAP REF. 60053, 60091, 60092	0,100	222
60078	PILAR LEVER MIHER FIXED HIGH SPOUT	1,450	166
60079	PILAR LEVER MIXER SWIVEL SPOUT	1,550	166
60080	EXT. 30 MM FOR MIXER REF.60078 AND 60079	0,650	166
60081	MIXER WITH HAND SHOWER	1,950	165, 205
60082	HAND SHOWER 2 SPRAYS REF.60078 AND 60079	0,170	165, 205
60083	SINK MIXER SHORT SPOUT	1,200	164
60084	SWIVEL SPOUT MIXER H95/L170	1,260	166
60085	SWIVEL SPOUT MIXERH95/L170	1,170	166
60086	SWIVEL SPOUT MIXERH95/L170	1,210	166
60087	SWIVEL SPOUT MIXERH145/L170	1,190	166
60088	SWIVEL SPOUT MIXER H145/L170	1,250	166
60089	WALL MOUNTED MIXER	1,500	167
60090	WALL MOUNTED MIXER	1,500	167
60091	WALL MOUNTED MIXER	1,500	167
60092	WALL MOUNTED MIXER	1,500	167
60093	MIXER WITH FIXED SPOUT WITH POP UP	1,320	164
60094	MIXER WITH FIXED SPOUT WITH POP UP	1,200	164
60095	MIXER WITH FIXED SPOUT WITH POP UP	1,020	164
60096	MIXER WITH FIXED SPOUT WITH POP UP	0,920	164
60099	CROSS-BRACE FOR THERMAL SHOCK		165, 169
60107	LONG WALL HANG WC	22,700	180
60118	SEAT FOR LONG WALL HANG WC	2,800	180
60201	SHOWER TRAY 90X90 CM + TRAP	19,980	178
60251	THERMOSTATIC PILAR MIXER	2,640	165
60252	THERMOSTATIC SHOWER MIXER	2,090	169
60255	SHOWER BAR + HAND SHOWER	2,090	169
60256	HAND SHOWER + HOSE 150 CM	0,420	171
60257	WASHBASSIN THERMOSTATIC MIXER	2,818	165
60258	SHOWER THERMOSTATIC MIXER	1,927	169
60300	BAR 30 CM STEEL WHITE D25MM	0,4	182
60302	BAR 40 CM STEEL WHITE D25MM	0,46	182
60304	BAR 50 CM STEEL WHITE D25MM	0,52	182
60305	BAR STRAIGHT 50 CM EN PAINTED STEEL	0,73	182
60306	BAR 60 CM STEEL WHITE D25MM	0,58	182
60310	BAR 30 CM SS D25MM	0,4	166, 182
60311	BAR 30 CM SS D32MM	0,55	182
60312	BAR 40 CM SS D25MM	0,46	182
60313	BAR 40 CM SS D32MM	0,64	182
60314	BAR 50 CM SS D25MM	0,52	182
60315	BAR 50 CM SS D32MM	0,73	182
60316	BAR 60 CM SS D25MM	0,58	182
60317	BAR 60 CM SS D32MM	0,82	182
60318	BAR 90 CM SS D32MM	1,1	182

Ref.	Description	Weight	Pages
60319	BAR 110 CM SS D32MM	1,3	182
60320	HAND SHOWER START / STOP	0,25	169, 171
60321	BAR 135° STEEL WHITE D25MM	1,1	106, 117, 126, 129, 185
60323	BAR 135° SS D25MM	0,8	106, 117, 126, 129, 166, 185
60324	BAR 135° SS D32MM	1,2	106, 185
60350	TOWEL HOLDER SS 600 MM	1,1	152, 161
60351	TOWEL HOLDER SS 600 MM	0,42	152, 164
60352	DOUBLE TOWEL HOLDER SS 600 MM	0,6	152, 177
60353	SOAP HOLDER SS WALL MOUNTED	0,16	54, 95, 120, 149, 184
60355	HOOCK SS	0,15	18, 139, 152, 39, 161
60357	WALL DESK SECURIT GLASS	1,52	27, 152, 164
60358	HAND DRIER 1650 W SS SATIN	3	12, 18, 27, 96, 107, 143, 150
60359	HAND DRIER 2300 W SS BRIGHT	4,5	16, 54, 95, 108, 119, 120, 131, 150, 184
60360	HAND DRIER 2300 W STEEL EPOXY WHITE	4,5	105, 119, 131, 150, 167
60417	STAND FOR HAN-HELD SHOWERHEAD	0,110	187
60420	SHOWER SEAT TO HANG UP ALU COATED NYLON	7,690	190
60421	LIFT UP SHOWER SEAT ALU COATED NYLON	7,690	190
60427	RECLINABLE MIROR ALU COATED NYLON	10,030	184
60450	SUPPORT RAIL 1100 MM NYLON SHEATHED ALUMINIUM	1,7	184
60451	SUPPORT RAIL 280 MM NYLON SHEATHED ALUMINIUM	0,7	182
60452	SUPPORT RAIL 420 MM NYLON SHEATHED ALUMINIUM	0,8	182
60453	SUPPORT RAIL 570 MM NYLON SHEATHED ALUMINIUM	1	182
60454	SUPPORT RAIL 900 MM NYLON SHEATHED ALUMINIUM	1,5	182
60455	CORNER SUPPORT RAIL 1000X1000 MM	2,75	187
60457	FOLDAWAY BAR 800 MM NYLON SHEATHED ALUMINIUM	10,2	186
60459	CORNER SUPPORT RAIL 700X700 MM LIFT-UP SUPPORT RAIL 800 MM WITH TOILET PAPER HOLDER	1,9 1,9	187 187
60461	HANDSPRAY HOLDER FOR ALUMINIUM BAR	0,2	187
60462	U-SHAPED SUPPORT RAIL 600 MM	2,7	175, 183
60463	U-SHAPED SUPPORT RAIL 800 MM	3,2	183
60465	VERTICAL SUPPORT RAIL 1600 MM	2,2	27, 184
60475	FLOOR TRAP 100X100 STAINLESS STEEL GRID, HORIZONTAL OUTLET Φ50	0,43	39, 58, 206
60476	FLOOR TRAP 105X105 STAINLESS STEEL GRID, VERTICAL OUTLET $\Phi 50$	0,43	39,58, 77,206
60477	FLOOR TRAP 150X150 STAINLESS STEEL GRID, HORIZONTAL OUTLET Φ50	0,6	58, 206
60478	FLOOR TRAP 150X150 STAINLESS STEEL GRID, VERTICAL OUTLET Φ50	0,6	39, 58, 206
60479	BACKREST FOR 60815 AND 60480	2,11	190
60480	LIFT-UP SHOWER SEAT WITH ARTICULATED LEG	3,63	190

Ref.	Description	Weight	Pages
60482	U-SHAPED SHOWER HANDRAIL STAINLESS STEEL	4,5	189
60483	U-SHAPED SHOWER HANDRAIL WHITE EPOXY COATED STAINLESS STEEL	4,5	189
60484	EXTRA FLAT SHOWER TRAY 1200X800 MM	20	178
60485	SHOWER ENCLOSURE FOR SHOWER TRAY 900X900 MM	10,7	178
60486	SHOWER ENCLOSURE FOR SHOWER TRAY 1200X800 MM	11,8	178
60500	STRAIGHT BAR 110 CM PAINTED STEEL	2,092	182
60501	STRAIGHT BAR 30 CM PAINTED STEEL	0,850	182
60502	STRAIGHT BAR 40 CM PAINTED STEEL	1,000	182
60503	STRAIGHT BAR 60 CM PAINTED STEEL	1,260	182
60504	STRAIGHT BAR 90 CM PAINTED STEEL	1,650	182
60511	BAR 80 CM COLUMN + PAPER HOLDER PAINTED STEEL	7,440	186
60515	BAR VERTICAL 160 CM PAINTED STEEL	3,670	184
60520	SHOWER SEAT TO HANG UP PAINTED STEEL	5,120	190
60527	RECLINABLE MIROR PAINTED STEEL	9,730	27, 175, 184
60529	BAR 135° STEEL WHITE D32MM	1,7	106, 185
60550	WC BRUSH HOLDER	0,700	121, 139, 140, 153, 179, 182
60551	BRUSCH FOR REF.60550	0,100	153, 182
60553	PAPER ROL DISTRIBUTOR 273 MM	1,600	121, 140, 153, 179
60554	SS PAPER ROL DISTRIBUTOR 350 MM	2,100	153
60555	ABS PAPER ROL DISTRIBUTOR 300 MM	0,900	153, 183
60556	SS PAPER ROL DISTRIBUTOR	0,350	121, 139, 153
60557	SS PAPER ROL DISTRIBUTOR 3 ROLS	1,900	153
60558	ABS PAPER DISTRIBUTOR	1,000	183
60559	SS PAPER DISTRIBUTOR	2,400	14, 17, 20, 22, 23, 151, 168
60560	SS PAPER DISTRIBUTOR	2,400	14, 22, 23, 97, 151, 205
60561	SOAP HOLDER	0,150	149, 205
60562	SS LITER 5 LITRES	1,000	12, 17, 18, 97, 151, 168
60563	SS LITER 12 LITRES	2,400	17, 151, 185
60564	SS LITER 28 LITRES	4,000	17, 151
60565	ABS POP UP	0,150	33, 168
60566	TROWABLE HAND SHOWER	0,300	169, 171
60568	DRAIN VALVE	0,19	50, 57, 46, 169
60569	DRAIN VALVE FOR DL 800 S	0,25	44, 50
60575	STRAIGHT BAR, STAINLESS STEEL CHROME 300 MM (WITHOUT SCREWS)	0,400	118, 119, 130, 131, 193
60576	STRAIGHT BAR, STAINLESS STEEL CHROME 400 MM (WITHOUT SCREWS)	0,460	118, 119, 130, 131, 193
60577	STRAIGHT BAR, STAINLESS STEEL CHROME 500 MM (WITHOUT SCREWS)	0,520	118, 119, 130, 131, 193
60578	STRAIGHT BAR, STAINLESS STEEL CHROME 600 MM (WITHOUT SCREWS)	0,580	118, 119, 130, 131, 193

Ref.	Description	Weight	Pages
60579	ANGLE BAR 135°, STAINLESS STEEL CHROME 220X220 MM (WITHOUT SCREWS)	0,500	117, 129, 193
60580	ANGLE BAR 135°, STAINLESS STEEL CHROME 400X400 MM (WITHOUT SCREWS)	0,950	117, 129, 193
60581	ANGLE BAR 135°, ANTI BACTERIAL ABS SHEATHED ALUMINIUM 400 X 400 MM	1,900	106, 185
60582	FOLDAWAY SHOWER SEAT STANDARD SIZE	2,100	192
60583	FOLDAWAY SHOWER SEAT LARGE SIZE	2,900	192
60584	FOLDAWAY SHOWER SEAT WITH LEG	4,000	192
60585	SHOWER CURTAIN PVC WHITE 180X90CM (WEIGHTED HEM)	0,420	154
60586	SHOWER CURTAIN PVC WHITE 180X120CM (WEIGHTED HEM)	0,550	154
60587	SHOWER CURTAIN PVC WHITE 180X180CM (WEIGHTED HEM)	0,780	154
60588	SHOWER CURTAIN PVC WHITE 200X90CM (BOTTOM CUT)	0,450	154
60589	SHOWER CURTAIN PVC WHITE 200X120CM (BOTTOM CUT)	0,580	154
60590	SHOWER CURTAIN PVC WHITE 200X150CM (BOTTOM CUT)	0,720	154
60591	SHOWER CURTAIN PVC WHITE 200X180 CM (BOTTOM CUT)	0,850	154
60592	12 METAL RINGS FOR SHOWER CURTAIN	0,200	154
60593	12 WHITE PLASTIC RINGS FOR SHOWER CURTAIN	0,070	154
60600	CURTAIN RAIL STRAIGHT 80 TILL 140 CM STAINLESS STEEL	0,600	154
60601	CURTAIN RAIL STRAIGHT 120 TILL 220CM STAINLESS STEEL	0,970	154
60602	CURTAIN RAIL STRAIGHT 80 TILL 140 CM WHITE ALUMINIUM	0,500	154
60603	CURTAIN RAIL STRAIGHT 120 TILL 220CM WHITE ALUMINIUM	0,660	154
60607	ANGLE CURTAIN RAIL STAINLESSSTEEL 90 CM	0,660	154
60608	ANGLE CURTAIN RAIL STAINLESSSTEEL 100 CM	0,660	154
60609	ANGLE CURTAIN RAIL 60 CM WHITE ALLMANIUM	0,660	154
60613	ANGLE CURTAIN RAIL 80 CM WHITE ALUMINIUM  ANGLE CURTAIN RAIL 100 CM WHITE ALUMINIUM	0,660	154 154
60614	CORNER CURTAIN RAIL 80 TILL140 CM STAINLESS STEEL	0,660	154
60615	CORNER CURTAIN RAIL 120 TILL 220 CM STAINLESS STEEL	1,170	154
60616	CORNER CURTAIN RAIL 80 TILL 140CM WHITE ALUMINIUM	0.750	154
60617	CORNER CURTAIN RAIL 120 TILL 220CM WHITE ALUMINIUM	1,030	154
60624	WIRE-STRAINER FOR CURTAIN RAIL STAINLESS STEEL	0,700	154
60625	WIRE-STRAINER FOR CURTAIN RAIL STAINLESS STEEL WHITE	0,700	154
60626	BATH BOARD WITH HANDLE	3,250	192
60627	BATH BOARD	2,650	192
60628	WALL-MOUNTED BIN FINISH WHITE EPOXY-COATED STEEL	1,560	151
60629	WALL-MOUNTED BIN BRIGHT POLISHED STAINLESS STEEL	1,560	151
60630	PEDAL BIN ABS WHITE	1,000	151
60632	SOAP DISPENSER STAINLESS STEEL CHROME BRIGHT	0,600	15, 20, 22, 54, 108, 120, 148
60633	DUCK BOARD WITH SUCTION CUP - WHITE ABS	2,000	191
60635	BATH SEAT	2,500	191
60636	BATH SEAT WITH BACK	3,200	191
60637	FLEXIBLE HOSE PEX Ø 10X100 LENGTH. 360 MM (X 2)	0,180	167, 222
60638	FLEXIBLE HOSE PEX Ø 10X100 LENGTH. 410 MM (X2)	0,200	167, 222
60639	FLEXIBLE HOSE PEX Ø 10X100 LENGTH. 515 MM (X2)	0,250	167, 222
60640	FLEXIBLE HOSE PEX Ø 10X100 LENGTH. 650 MM (X2)	0,320	167, 222
60641	FLEXIBLE HOSE PEX Ø 11X100 LENGTH. 360 MM (X2)	0,180	167, 222
60642	FLEXIBLE HOSE EPDM Ø 8X100 LENGTH. 360 MM (X2)	0,180	165

Ref.	Description	Weight	Pages
60643	FLEXIBLE HOSE EPDM Ø 10X100 LENGTH. 360 MM (X2)	0,180	165
60644	FLEXIBLE HOSE EPDM Ø 12X100 LENGTH. 320 MM (X2)	0,155	165
60645	FLEXIBLE HOSE EPDM Ø 12X100 LENGTH. 500 MM (X2)	0,250	165
60646	SHOWER STOOL SIMPLE	1,650	192
60647	BENCH FOR SHOWER	2,500	191
60648	BENCH FOR SHOWER WITH BACK	3,600	191
60649	FOLDAWAY GRAB RAIL WITH LEG 800 MM - STEEL RAL9001	6,100	193
60662	STARIGHT BAR WIH SLIDER BRACKET Ø32-STAINLESS STEEL	1,88	187
60663	STARIGHT BAR WIH SLIDER BRACKET Ø32-WHITE EPOXY STAINLESS STEEL	1,95	187
60664	STARIGHT BAR WIH SLIDER BRACKET Ø32-ALU ABS	1,9	187
60665	MOBIL STAND FOR HAND HELD SHOWER DIAM.32MM	0,2	187
60671	U-SHARPED BAR Ø32-LEFT -STAINLESS STEEL	2,5	183
60672	U-SHARPED BAR Ø32-LEFT-WHITE EPOXY STAINLESS STEEL	2,5	12, 183
60674	U-SHARPED BAR Ø32-RIGHT-STAINLESS STEEL	2,5	183
60675	U-SHARPED BAR Ø32-RIGHT-WHITE EPOXY STAINLESS STEEL	2,5	12, 183
60696	CORNER RAIL 2 WALLS Ø32-STAINLESS STEEL	2	187
60697	CORNER RAIL 2 WALLS Ø32-WHITE EPOXY STAINLESS STEEL	2	187
60698	CORNER RAIL 2 WALLS Ø34-ALU ABS	2,25	187
60700	HANDLE BAR 45° Ø25-LEFT -STAINLESS STEEEL	2,25	187
60707	HANDLE BAR 45° Ø32MM-LEFT -STAINLESS STEEEL	2,25	187
60712	HANDLE BAR 90° Ø25-STAINLESS STEEL	0,9	185
60713	HANDLE BAR 90° Ø32-STAINLESS STEEL	1,2	185
60714	HANDLE BAR 90° Ø32-WHITE EPOXY STAINLESS STEEL	1,143	185
60715	HANDLE BAR 90° Ø34-ALU ABS ANGLE BAR FOR SHOWER WITH VERTICAL BAR Ø32-LEFT-	1,2	185 188
	STAINLESS STEEL - EPOXY WHITE		
60724	ANGLE BAR FOR SHOWER Ø34-LEFT-ALU ABS	3,1	188
60726	ANGLE BAR FOR SHOWER WITH VERTICAL BAR Ø32-RIGHT- STAINLESS STEEL - EPOXY WHITE		188
60727	ANGLE BAR FOR SHOWER Ø34-RIGHT-ALU ABS	3,5	188
60734	GRAB BAR 90° Ø32-LEFT-STAINLESS STEEL	3,3	188
60735	GRAB BAR 90° Ø32- LEFT- WHITE EPOXY	3,3	188
60736	GRAB BAR 90° Ø32-LEFT-ALU ABS	3,7	188
60737	GRAB BAR 90° Ø32-RIGHT-STAINLESS STEEL GRAB BAR 90° Ø32-RIGHT- WHITE EPOXY	3,3	188 188
60739	GRAB BAR 90° Ø32-RIGHT-ALU ABS	3,3	188
60741	CORNER RAIL, 2 WALLS - RENFORCED - Ø32-STAINLESS STEEL	2,1	187
60742	CORNER RAIL, 2 WALLS - RENFORCED - Ø32-WHITE EPOXY STAINLESS STEEL	2,3	187
60743	CORNER RAIL, 2 WALLS - RENFORCED - Ø32-ALU ABS	2,35	187
60752	T-SHAPED BAR FOR SHOWER Ø32-STAINLESS STEEL	2,35	188
60753	T-SHAPED BAR FOR SHOWER Ø32-WHITE EPOXY STAINLESS STEEL	2,35	188
60754	T-SHAPED BAR FOR SHOWER Ø32-ALU ABS	2,6	188
60759	ANGLED BAR 90° Ø32-LEFT-STAINLESS STEEL	1,7	187
60760	ANGLED BAR 90° Ø32-LEFT-WHITE EPOXY STAINLESS STEEL	1,85	187
60761	ANGLED BAR 90° Ø32-LEFT-ALU ABS	2,062	187
60762	ANGLED BAR 90° Ø32-RIGHT-STAINLESS STEEL	1,7	187

Ref.	Description	Weight	Pages
60763	ANGLED BAR 90° Ø32-RIGHT-WHITE EPOXY STAINLESS STEEL	1,85	187
60764	ANGLED BAR 90° Ø32-RIGHT-ALU ABS	2,062	187
60771	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP AND TOILET PAPER HOLDER Ø32-LG=65CM-STAINLESS STEEL	3,2	186
60772	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP AND TOILET PAPER HOLDER Ø32-LG=65CM-WHITE EPOXY	3,7	186
60773	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP AND TOILET PAPER HOLDER Ø32-LG=65CM-ALU ABS	4,85	186
60776	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP AND TOILET PAPER HOLDER Ø32-LG=85CM-ALU ABS	5,1	186
60783	LIFT-UP SUPPORT RAIL WITH TOILET PAPER HOLDER Ø32- LG=65CM-STAINLESS STEEL	1,95	186
60784	LIFT-UP SUPPORT RAIL WITH TOILET PAPER HOLDER Ø32- LG=65CM-WHITE EPOXY	2,9	186
60795	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP Ø32- LG=65CM-STAINLESS STEEL	3,7	186
60796	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP Ø32- LG=65CM-WHITE EPOXY STAINLESS STEEL	3,7	186
60798	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP Ø32- LG=85CM-STAINLESS STEEL	3,95	186
60799	LIFT-UP SUPPORT RAIL WITH SUPPORT PROP Ø32- LG=85CM-WHITE EPOXY STAINLESS STEEL	3,95	186
60807	LIFT-UP SUPPORT RAIL Ø32-LG=65CM-STAINLESS STEEL	2,85	186
60808	LIFT-UP SUPPORT RAIL Ø32-LG=65CM- WHITE EPOXY STAINLESS STEEL	2,85	186
60809	LIFT-UP SUPPORT RAIL Ø32-LG=65CM-ALU ABS	3,5	186
60810	LIFT-UP SUPPORT RAIL Ø32-LG=85CM-STAINLESS STEEL	3,05	186
60811	LIFT-UP SUPPORT RAIL Ø32-LG=85CM-WHITE EPOXY STAINLESS STEEL	3,7	186
60812	LIFT-UP SUPPORT RAIL Ø32-LG=85CM-ALU ABS	4,15	186
60815	ANTIBACTERIAN LIFT-UP SHOWER SEAT	3	190
62000	PRESTO 504 COLD G3/8"	0,5	13
62020	PRESTO 504 HOT G3/8"	0,5	13
62100	PRESTO 504"S" COLD G3/8" ANTI-BLOCKING SYSTEM	0,5	13
62120	PRESTO 504"S" HOT G3/8" ANTI-BLOCKING SYSTEM	0,5	13
63000	PRESTO 504 COLD G1/2"	0,5	13
63001	PRESTO 504 COLD G1/2" WITH FLAT WALL-FIXING PLATE	0,55	13
63002	PRESTO 504 HOT G1/2" WITH FLAT WALL-FIXING PLATE	0,555	13
63020	PRESTO 504 HOT G1/2"	0,5	13
63100	PRESTO 504"S" COLD G1/2" ANTI-BLOCKING SYSTEM	0,5	13
63120	PRESTO 504"S" HOT G1/2" ANTI-BLOCKING SYSTEM	0,5	13
63200	PRESTO 507 COLD G1/2" - LARGE FLOW	0,5	13
63910	PRESTO 704 WITH DIRECTIONAL LEVER	0,6	14
64602	PRESTO 605 COLD	0,8	12
64612	PRESTO 605"S" COLD ANTI-BLOCKING SYSTEM	0,8	12
64622	PRESTO 605 HOT	0,8	12
64632	PRESTO 605"S" HOT ANTI-BLOCKING SYSTEM	0,8	12
64652	PRESTO 705 WITH DIRECTIONAL LEVER	0,9	14
68032	PRESTO MIXER 3000 WITH 2 STOP VALVES	1,65	12
68040	PRESTO MIXER 3000 WITHOUT STOP VALVE	1,4	12
68132	PRESTO MIXER 3000"S" WITH 2 STOP VALVES ANTI- BLOCKING SYSTEM	1,65	12
68147	PRESTO MIXER 3000"S" WITHOUT STOP VALVE ANTI- BLOCKING SYSTEM	1,4	12
68228	LEVER MIXER 7000 WITHOUT STOP VALVE	1,5	14

Ref.	Description	Weight	Pages
68232	LEVER MIXER 7000	1,75	14
70000	UNIVERSAL CARTRIDGE G 3/8"	0,204	14
70001	UNIVERSAL CARTRIDGE G 1/2"	0,223	14
70002	UNIVERSAL CARTRIDGE G 17/150	0,204	14
70003	UNIVERSAL CARTRIDGE G 18/150	0,209	14
70004	UNIVERSAL CARTRIDGE G 19/150	0,219	14
70005	UNIVERSAL CARTRIDGE G 20/150	0,22	14
70006	UNIVERSAL CARTRIDGE G 21/150	0,223	14
70007	UNIVERSAL CARTRIDGE G 22/150	0,23	14
70008	UNIVERSAL CARTRIDGE G 23/150	0,234	14
70009	DIN RUBBER CARTRIDGE 1/2"	0,095	14
70010	DIN CERAMIC CARTRIDGE 1/2"	0,09	222, 229
70011	KNOB ADAPTATOR	0,025	222, 229
70013	STEEL CHROME PLATED KNOB	0,129	222, 229
70019	SPECIAL CARTRIDGE 21/150 JD- SINGLE HOLE "CHAMPAGNE"	0,214	222, 229
70020	SPECIAL CARTRIDGE 21/150 JD "REIMS" OLD MODEL	0,22	222, 229
70023	SPECIAL CARTRIDGE 18/125 PORCHER SINGLE HOLE "ECUME1/2"	0,224	222, 229
70026	SPECIAL CARTRIDGE 18/150 PORCHER - BOWL OF 14,5MM	0,204	222, 229
70027	SPECIAL CARTRIDGE 18/150 PORCHER 3 HOLES	0,193	222, 229
70028	SPECIAL CARTRIDGE 18/150 PANGAUD/PAM/PIEL/PORCHER	0,194	222, 229
70030	SPECIAL CARTRIDGE 20/125 KUGLER-K.W.CSIMILOR	0,219	222, 229
70031	UNIVERSAL STEEL CHROME PLATED KNOB	0,175	222, 229
70032	STANDARD KNOB 13X20 CHROME PLATED	0,23	222, 229
70050	UNIVERSAL SPOUT UNDERNEATH -F1/2"-L = 150 MM - WITH STRAIGHTENER	0,104	222, 229
70051	UNIVERSAL SPOUT UNDERNEATH -F1/2"-L = 200 MM - WITH STRAIGHTENER	0,114	222, 229
70053	UNIVERSAL SPOUT UNDERNEATH -F1/2"-L = 300 MM - WITH STRAIGHTENER	0,15	222, 229
70056	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 150 MM - WITH STRAIGHTENER	0,124	222, 229
70057	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 200 MM - WITH STRAIGHTENER	0,15	222, 229
70058	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 250 MM - WITH STRAIGHTENER	0,169	222, 229
70059	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 300 MM - WITH STRAIGHTENER	0,185	222, 229
70062	UNIVERSAL SPOUT UNDERNEATH -F 1/2"-L = 150 MM - WITH AERATOR	0,104	222, 229
70063	UNIVERSAL SPOUT UNDERNEATH -F 1/2"-L = 200 MM - WITH AERATOR	0,119	222, 229
70064	UNIVERSAL SPOUT UNDERNEATH -F 1/2"-L = 250 MM - WITH AERATOR	0,14	222, 229
70065	UNIVERSAL SPOUT UNDERNEATH -F 1/2"-L = 300 MM - WITH AERATOR	0,149	222, 229
70068	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 150 MM - WITH AERATOR	0,123	222, 229
70069	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 200 MM - WITH AERATOR	0,153	222, 229
70070	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 250 MM - WITH AERATOR	0,173	222, 229
70071	UNIVERSAL SPOUT UNDERNEATH -F 3/4"-L = 300 MM - WITH AERATOR	0,184	222, 229
70074	UNIVERSAL SPOUT ON THE TOP - F 3/4"-L 200 MM - WITH STRAIGHTENER	0,143	222, 229

Ref.	Description	Weight	Pages
70075	UNIVERSAL SPOUT ON THE TOP -F 3/4"-L 200 MM - WITH AERATOR	0,144	222, 229
70077	UNIVERSAL SPOUT ON THE TOP -F 1/2"-L 200 MM - WITH AERATOR	0,12	222, 229
70078	GOOZE NECK SPOUT STANDARD -F 1/2"-L = 150 MM - WITH STRAIGHTENER	0,149	222, 229
70080	GOOZE NECK SPOUT STANDARD -F 1/2"-L = 150 MM - WITH AERATOR	0,149	222, 229
70081	GOOZE NECK SPOUT STANDARD -F 1/2"-L = 200 MM - WITH AERATOR	0,165	222, 229
70082	GOOZE NECK SPOUT STANDARD -F 3/4"-L = 150 MM - WITH STRAIGHTENER	0,153	222, 229
70083	GOOZE NECK SPOUT STANDARD -F 3/4"-L = 200 MM - WITH STRAIGHTENER	0,17	222, 229
70084	GOOZE NECK SPOUT STANDARD -F 3/4"-L = 250 MM - WITH STRAIGHTENER	0,194	222, 229
70085	GOOZE NECK SPOUT STANDARD -F3/4"-L = 150 MM - WITH AERATOR	0,154	222, 229
70086	GOOZE NECK SPOUT STANDARD -F 3/4"-L = 200 MM - WITH AERATOR	0,173	222, 229
70087	GOOZE NECK SPOUT STANDARD -F 3/4"-L = 250 MM - WITH AERATOR	0,195	222, 229
70088	GOOZE NECK SPOUT ON TABLE -M1/2"-L140 MM - WITH STRAIGHTENER	0,314	222, 229
70089	GOOZE NECK SPOUT ON TABLE -M1/2"-L200 MM - WITH STRAIGHTENER	0,325	222, 229
70090	GOOZE NECK SPOUT ON TABLE -M1/2"-L140 MM - WITH AERATOR	0,31	222, 229
70091	GOOZE NECK SPOUT ON TABLE -M1/2"-L200 MM - WITH AERATOR	0,325	222, 229
70100	REDUCER BRICARD/PIEL/GROHE/PORCHER-M22/100XM3/4"	0,085	222, 229
70152	STRAIGHT CONNECTORS M 1/2"XF 3/8" -L65 MM	0,175	222, 229
70153	STRAIGHT CONNECTORS M 1/2"XF 1/2" -L40 MM	0,21	222, 229
70156	STRAIGHT CONNECTORS M 1/2"XM 3/8" -L52 MM	0,165	222, 229
70157	STRAIGHT CONNECTORS M 1/2"XM 1/2"-L43 MM	0,183	222, 229
70158	STRAIGHT CONNECTORS M 1/2"XM 3/4" -L 46 MM	0,219	222, 229
70161	STANDARD BUSHING CONNECTORS MM 1/2"-L 70 MM	0,235	222, 229
70170	REDUCING INSERT F 3/8"XM 1/2"- ROUGH FINISH	0,029	222, 229
70171	REDUCING INSERT F 1/2"XM 3/4"- ROUGH FINISH	0,049	222, 229
70172	REDUCING INSERT F 3/8"XM 1/2"- CHROME FINISHED	0,030	222, 229
70173	REDUCING INSERT E F 1/2"XM 3/4"- CHROME FINISHED	0,054	222, 229
70174	SWIVEL NUT F 1/2" X F 1/2" SWIVEL NUT	0,124	222, 229
70176	SWIVEL NUT F 3/4" X F 3/4" SWIVEL NUT SWIVEL NUT M 1/2" X F 1/2" SWIVEL NUT	0,185	222, 229
70177	REDUCER M 3/8"XF 1/2"	0,099	222, 229 222, 229
70179	REDUCER M 3/8 AF 1/2 REDUCER M 1/2"XF 3/4"	0,249	222, 229
70181	SOCKET M 1/2"XM 1/2"	0.259	222, 229
70186	STRAIGHT CONNECTOR MF 1/2"-L 25 MM	0,120	222, 229
70187	STRAIGHT CONNECTOR MF 1/2"-L 50 MM	0,189	222, 229
70189	STRAIGHT CONNECTOR MF 1/2"-L 100 MM	0,400	222, 229
70190	STRAIGHT CONNECTOR MF 3/4"-L 25 MM	0,190	222, 229
70191	STRAIGHT CONNECTOR MF 3/4"-L 50 MM	0,283	222, 229
70193	STRAIGHT CONNECTOR MF 3/4"-L 100 MM	0,519	222, 229
70194	ECCENTRIC FITTING 5 MM -M 1/2"XF 1/2"	0,119	222, 229
70195	ECCENTRIC FITTING 5 MM -M 1/2"XF 3/4"	0,094	222, 229
70196	ECCENTRIC FITTING 5 MM -M 3/4"XF 3/4"	0,124	222, 229
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Ref.	Description	Weight	Pages
70197	ECCENTRIC FITTING 5 MM -M 1/2"XM 1/2"	0,060	222, 229
70198	ECCENTRIC FITTING 5 MM -M 1/2"XM 3/4"	0,075	222, 229
70201	ECCENTRIC FITTING 40MM- M 1/2"XF 1/2" WITH SWIVEL NUT	0,319	222, 229
70202	ECCENTRIC FITTING 40MM -M 1/2"XF 3/4" WITH SWIVEL NUT	0,344	222, 229
70203	ECCENTRIC FITTING 40MM -M 3/4"XF 1/2" WITH SWIVEL NUT	0,325	222, 229
70204	ECCENTRIC FITTING 40MM -M 1/2"XM 1/2"	0,249	222, 229
70205	ECCENTRIC FITTING 40MM -M 1/2"XM 3/4"	0,254	222, 229
70211	DOUBLE BEND FIITING 32 MM -M 3/8"XM 3/4"	0,373	222, 229
70212	DOUBLE BEND FIITING 32 MM -M 1/2"XM 3/4"	0,365	222, 229
70217	RAGGED FITTING 10 MM -M 1/2"XM 1/2"	0,21	222, 229
70218	RAGGED FITTING 11,5 MM -M 1/2"XM 3/4"	0,225	222, 229
70219	RAGGED FITTING 12 MM -M 1/2"XM 3/4"	0,460	222, 229
70220	RAGGED FITTING 21 MM -M3/8"XM3/4"	0,315	222, 229
70221	RAGGED FITTING 21 MM -M1/2"XM3/4"	0,316	222, 229
70222	RAGGED FITTING 45 MM -M3/8"XM3/4"	0,39	222, 229
70223	RAGGED FITTING 45 MM -M1/2"XM3/4"	0,384	222, 229
70224	EXPOSED ANGLE FITTING WITH THREAD GUIDE FITTING - M1/2"XF1/2" WITH NUT	0,394	222, 229
70229	EXPOSED ANGLE FITTING WITH THREAD GUIDE FITTING -M1/2"XM3/4" WITH NUT	0,365	222, 229
70231	EXPOSED ANGLE FITTING WITH THREAD GUIDE FITTING -M1/2"XM3/4"	0,324	222, 229
70232	EXPOSED ANGLE FITTING WITH SCREW FIXING -M1/2"XM3/4" WITH NUT	0,353	222, 229
70236	ANGLE FITTING M 1/2"XF 1/2" WITH SWIVEL NUT	0,229	222, 229
70237	ANGLE FITTING M 1/2"XF 3/4" WITH SWIVEL NUT	0,249	222, 229
70239	ANGLE FITTING M 1/2"XF 1/2"-E=26X17	0,190	222, 229
70244	2 WELD PARTS FITTING FOR COPPER PIPE 10/12 MM -F1/2"- ROUGH COPPER FINISH	0,069	222, 229
70251	2 WELD PARTS FITTING FOR COPPER PIPEE 14/16 MM -F3/4"- CHROMED COPPER FINISH	0,099	222, 229
70254	ELBOW WITH HEXAGONAL NIPPLE FIXING -M 1/2"XF 1/2" WITH SWIVEL NUT	0,190	222, 229
70255	PILLARS WITH COVER PLATE - H. 43MM-M 1/2"XF 1/2"	0,415	222, 229
70258	PILLARS WITH COVER PLATE - H. 43MM-M 1/2"XM 3/4"	0,404	222, 229
70262 70263	PILLARS WITH COVER PLATE - H. 70MM-M 1/2"XM 3/4"  PILLARS WITH COVER PLATE - H. 70MM-M 1/2"XM 3/4"	0,469	222, 229 222, 229
70007	WITHOUT NUT	0.04	000 000
70267 70268	CASTED SUB PLATE PILLARS - M 1/2"XM 3/4"  CASTED SUB PLATE PILLARS - M1/2"XM3/4"- SUPPLIED  WITHOUT NUT	0,61	222, 229
70270	LUXURY PILLARS - M 1/2"XM 3/4"	0.755	222, 229
70270	LUXURY PILLARS - M 1/2 XM 3/4"-NONE NUT	0,755	222, 229
70271	PILLARS SQUARE FRAME - M 1/2"XF 3/4"		
70272	PILLARS SQUARE FRAME - M 1/2 XF 3/4" PILLARS SQUARE FRAME - M 1/2"XM 3/4"	0,899	222, 229 222, 229
70273	ECCENTRIC PILLAR OF 22 MM -M 1/2"XM 3/4"	0,865	
70277	ECCENTRIC PILLAR OF 22 MM -M 1/2 XM 3/4  ECCENTRIC PILLAR OF 50 MM -M 1/2 XF 3/4"	0,954	222, 229
70278	ECCENTRIC PILLAR OF 50 MM -M 1/2 XF 3/4  ECCENTRIC PILLAR OF 50 MM -M 1/2 XM 3/4"	1,06	222, 229
' '	ARTICULATION FOR SHOWER FLEXIBLE-MF 1/2"	1,055	222, 229
70280		0,065	222, 229
70325	FLAT COVER MOULDED PLATE - DIAMETER EXT.55 MM - DIAM. INT. 18 MM	0,039	222, 229
70326	FLAT COVER MOULDED PLATE - DIAMETER EXT.55 MM - DIAM. INT. 21 MM	0,039	222, 229
70327	FLAT COVER MOULDED PLATE - DIAMETER EXT.55 MM - DIAM. INT. 28 MM	0,035	222, 229

Ref.	Description	Weight	Pages
70328	HINGED COVER PLATE - DIAMETER EXT. 56 MM - DIAM. INT. 10MM	0,043	222, 229
70329	HINGED COVER PLATE - DIAMETER EXT. 56 MM - DIAM. INT. 12MM	0,045	222, 229
70330	HINGED COVER PLATE - DIAMETER EXT. 56 MM - DIAM. INT. 14MM	0,045	222, 229
70331	HINGED COVER PLATE - DIAMETER EXT. 56 MM - DIAM. INT. 16MM	0,04	222, 229
70332	HINGED COVER PLATE - DIAMETER EXT. 56 MM - DIAM. INT. 18MM	0,044	222, 229
70333	HINGED COVER PLATE - DIAMETER EXT. 60 MM - DIAM. INT. 21MM	0,044	222, 229
70334	HINGED COVER PLATE - DIAMETER EXT. 65 MM - DIAM. INT. 28MM	0,053	222, 229
70335	HINGED COVER PLATE - DIAMETER EXT. 71 MM - DIAM. INT. 33MM	0,053	222, 229
70336	THREADED COVER PLATE - DIAMETER EXT. 40 MM - DIAM. INT. 12X17-H.=7MM	0,065	222, 229
70337	THREADED COVER PLATE - DIAMETER EXT. 50 MM - DIAM. INT. 15X21-H.=8MM	0,064	222, 229
70338	THREADED COVER PLATE - DIAMETER EXT. 60 MM - DIAM. INT. 20X27-H.=15MM	0,064	222, 229
70340	HOLE COVERING CAP "LUXE" CHROME FINISH- DIAMETER EXT. 50MM	0,104	222, 229
70341	HOLE COVERING CAP "LUXE" WHITE EPOXY FINISH - DIAMETER EXT. 50MM	0,113	222, 229
70350	ANTI-LIMING AERATOR - F 22 MM X100-NF	0,135	222, 229
70351	ANTI-LIMING AERATOR - M 24 MM X100 -NF	0,12	222, 229
70352	ANTI-LIMING AERATOR - M 28 MM X100-NF	0,194	222, 229
70353	CARTRIDGE FOR AERATOR F22X100 AND M24X100	0,039	222, 229
70358	FIXING SPANNER FOR VANDAL PROOF MOUNTING AERATOR	0,024	222, 229
70359	ANTI-LIMING AERATOR WITH FLOW REGULATOR 6L/MN - M 24X100	0,13	226
70361	ANTI-LIMING AERATOR WITH FLOW REGULATOR 6L/MN - F 22X100	0,13	226
70363	CARTRIDGE FOR ANTI-LIMING AERATOR F22 AND M24 WITH FLOW REGULATOR 6 L/MN	0,04	226
70364	CARTRIDGE 8 L/MN FOR REF.70368 - 8 PCS	0,04	226
70365	ANTI-LIMING AERATOR WITH FLOW REGULATOR 6L/MN - M24X100 VANDAL PROOF MOUNTING	0,064	226
70367	ANTI-LIMING AERATOR WITH FLOW REGULATOR 6L/MN - F22X100 VANDAL PROOF MOUNTING	0,07	226
70368	ANTI-LIMING AERATOR WITH FLOW REGULATOR 8L/MN - F22 X100 VANDAL PROOF MOUNTING	0,07	226
70371	FLOW REGULATOR MALE / FEMALE - DIAMETER 15/21- 12 L/MN	0,069	226
70376	AERATOR ANTI LIMING F 22X100	0,12	226
70377	AERATOR ANTI LIMING M 24X100	0,13	226
70400	BALL VALVE MF 3/8"	0,094	226
70401	BALL VALVE MF 1/2"	0,129	226
70402	BALL VALVE MF 3/4"	0,199	226
70403	BLACK KNOB FOR BALL VALVE	0,023	226
70406	BALL VALVE MM 1/2"	0,153	226
70407	BALL VALVE FF 1/2"	0,135	226
70408	BALL VALVE MM 1/2"- WITH QUICK FITTING WITH RING FOR COPPER PIPE 12 MM	0,199	226
70409	BALL VALVE MM 1/2"- WITH QUICK FITTING WITH RING FOR COPPER PIPE 14 MM	0,195	226

Ref.	Description	Weight	Pages
70410	BALL VALVE MM 1/2"- WITH OLIVE FITTING WITH RING FOR COPPER PIPE 12 MM	0,203	226
70411	BALL VALVE MM 1/2"- WITH OLIVE FITTING WITH RING FOR COPPER PIPE 14 MM	0,185	226
70412	ANGLE BALL VALVE MM 1/2"- FOR COPPER PIPE 10 MM	0,124	226
70475	SINGLE MAINTENANCE COUPLING 12/17	0,189	226
70476	SINGLE MAINTENANCE COUPLING 15/21	0,11	226
70477	SINGLE MAINTENANCE COUPLING 20/27	0,185	226
70478	SINGLE MAINTENANCE COUPLING 26/34	0,275	226
70479	SINGLE MAINTENANCE COUPLING 33/42	0,419	226
70480	SINGLE MAINTENANCE COUPLING 40/49	0,654	226
70481	SINGLE MAINTENANCE COUPLING 50/60	1,099	226
70482	DOUBLE MAINTENANCE COUPLING 15/21	0,164	226
70483	DOUBLE MAINTENANCE COUPLING 20/27	0,275	226
70484	DOUBLE MAINTENANCE COUPLING 26/34	0,425	226
70485	DOUBLE MAINTENANCE COUPLING 33/42	0,729	226
70486	DOUBLE MAINTENANCE COUPLING 40/49	1,073	226
70503	QUICK FITTING WITH RING FOR BALL VALVE 15X21 FOR COPPER PIPE 12 MM	0,123	226
70504	QUICK FITTING WITH RING FOR BALL VALVE 15X21 FOR COPPER PIPE 14 MM	0,119	226
70505	FLOOR DRAIN WITH STRAIGHT OUTLET M 1"1/4-H=40MM	0,445	226
70506	FLOOR DRAIN WITH STRAIGHT OUTLET M 1"1/4-H=70MM	0,59	226
70507	FLOOR DRAIN WITH ELBOW OUTLET M 1"1/2	0,899	226
70508	BASIN TRAP NF - G 1"1/4 FOR COPPER PIPE 32 MM	0,113	33
70525	ANGLE UTILITY COCK - BACK SUPPLY	0,149	33
70526	ANGLE UTILITY COCK - IN LINE SUPPLY - EXPOSED TYPE	0,219	33
70527	DOUBLE UTILITY COCK , ANGLE MOUNTING	0,413	33
70528	AUTO-DRILLING UTILITY COCK. ANGLE MOUNTING	0,263	33
70529	FLEXIBLE FOR WASHING MACHINE	0,283	33
70530	DRAIN HOSE FOR WASHING MACHINE	0,164	33
70531	1/4 TURN COCK	0,23	33
70550	MAESTRO-PRE-RINSE UNIT COMPLETE WITH MIXER WASHBASIN MOUNTED.	4,696	197
70551	MAESTRO-PRE-RINSE UNIT COMPLETE WITH MIXER WASHBASIN MOUNTED AND SPOUT.	5,317	197
70552	MAESTRO-PRE-RINSE UNIT COMPLETE WITH LEVER HANDLE MIXER WASHBASIN MOUNTED.	5,432	196
70553	MAESTRO-PRE-RINSE UNIT COMPLETE WITH LEVER HANDLE MIXER WASHBASIN MOUNTED AND SPOUT.	6,519	196
70554	MAESTRO-PRE-RINSE UNIT COMPLETE WITH MIXER WASHBASIN MOUNTED (2 HOLES).	4,686	197
70555	MAESTRO-PRE-RINSE UNIT COMPLETE WITH MIXER WASHBASIN MOUNTED (2 HOLES) AND SPOUT.	5,331	197
70556	MAESTRO-PRE-RINSE UNIT COMPLETE WITH MIXER WASHBASIN MOUNTED (2 HOLES).	4,279	197
70557	MAESTRO-PRE-RINSE UNIT COMPLETE WITH MIXER WALL MOUNTED (2 HOLES) AND SPOUT.	4,873	197
70558	MAESTRO-PRE-RINSE UNIT COMPLETE WITH LEVER HANDLE MIXER WALL MOUNTED (2 HOLES).	6,041	196
70559	MAESTRO-PRE-RINSE UNIT COMPLETE WITH LEVER HANDLE MIXER WALL MOUNTED (2 HOLES) AND SPOUT.	7,166	196
70560	MAESTRO-PRE-RINSE UNIT COMPLETE WITH SINGLE TAP WASHBASIN MOUNTED.	4,154	197
70561	MAESTRO-PRE-RINSE UNIT COMPLETE WITH SINGLE TAP WASHBASIN MOUNTED AND SPOUT.	4,777	197
70562	MAESTRO-MIXER WASHBASIN MOUNTED AND SPOUT.	2,376	197

Ref.	Description	Weight	Pages
70563	MAESTRO-MIXER WASHBASIN MOUNTED AND SPOUT.	1,374	197
70564	MAESTRO-MIXER 305MM HIGH CONSTRUCTION WASHBASIN MOUNTED AND SPOUT.	4,969	197
70565	MAESTRO-MIXER WITH LEVER HANDLE 305MM HIGH CONSTRUCTION WASHBASIN MOUNTED AND SPOUT.	4,657	196
70566	MAESTRO-MIXER WASHBASIN MOUNTED (2 HOLES) AND SPOUT.	1,453	197
70567	MAESTRO-MIXER WALL MOUNTED (2 HOLES) AND SPOUT.	1,734	197
70568	MAESTRO-PRE-RINSE UNIT 1000 MM	3,646	198
70569	MAESTRO-PRE-RINSE UNIT 800 MM	3,419	198
70570	MAESTRO-PRE-RINSE UNIT 1000 MM AND SPOUT.	4,29	198
70571	MAESTRO-PRE-RINSE UNIT 800 MM AND SPOUT.	4,005	198
70572	MAESTRO-PRE-RINSE SPRAY.	0,719	198
70573	MAESTRO-FLEXIBLE SHEATHH SS HOSE -FF 1/2"-LONG = 750 MM	0,364	199
70574	MAESTRO-FLEXIBLE SHEATHH SS HOSE -FF 1/2"-LONG = 1000 MM	0,425	199
70575	MAESTRO-FLEXIBLE SHEATHH SS HOSE -FF 1/2"-LONG = 1800 MM	0,6	199
70576	MAESTRO-SS SPRING 40 TURNS	1,004	199
70577	HANDLE FOR MAESTRO SPAY.	0,08	198
70579	LEVER FOR MAESTRO SPOUT.	0,23	198
70580	LEVER HANDLE FOR MAESTRO MIXER.	0,22	198
70581	ADJUSTABLE FIXING UNIT WALL MOUNTED FOR MAESTRO	0,29	199
70582	TELESCOPIC SPOUT	0,25	198
70583	SPOUT 250 MM FOR REF. 70567	0,27	198
70584	GOOSE NECK SPOUT FOR REF. 70562	0,49	198
70585	200 MM SPOUT FOR REF. 70566	0,215	198
70586	CARTRIDGE FOR LEVER HANDLE MIXER MAESTRO WALL MOUNTED.	0,09	199
70587	CARTRIDGE FOR LEVER HANDLE MIXER MAESTRO WASHBASIN MOUNTED	0,09	199
70588	FOOD FLEXIBLE LENGTH. 370 MM	0,2	199
70590	HEAD 1/4 TURN	0,085	199
70591	HEAD DIN 3/4" (20X27)	0,14	199
70594	HAND SHOWER 1/2" MAESTRO ADJUSTABLE JET	0,719	199
70600	ANTI-ROTATING DEVICE FOR TAP.	0,155	199
70601	S.S. FLEXIBLE HOSE L = 300 MM	0,173	199
70603	S.S. FLEXIBLE HOSE L = 800 MM	0,285	199
70604	S.S. FLEXIBLE HOSE L = 1000 MM	0,323	199
70630	AUTOMATIC SOAP DISPENSER	0,885	96, 143, 148, 168
70632	SOAP DISPENSER, STAINLESS STEEL MADE, EXPOSED TYPE	0,87	15, 20, 22, 95, 108, 138 148
70633	SOAP DISPENSER, DECK MOUNTED	0,469	148, 205
70637	AUTOMATIC HAND DRYERS, ABS MADE	7	105, 150
70650	RENOVATION MIXER WALL MOUNTED FOR SHOWER 60 MM - RUBBER CARTRIDGE	0,81	105, 150
70651	RENOVATION MIXER FOR SHOWER 70 MM-RUBBER CARTRIDGE	0,824	105, 150
70652	RENOVATION MIXER FOR SHOWER 80 MM-RUBBER CARTRIDGE	0,825	105, 150
70653	RENOVATION MIXER FOR SHOWER 100 MM-RUBBER CARTRIDGE	0,904	105, 150
70654	RENOVATION MIXER WALL MOUNTED FOR SHOWER 110 MM - RUBBER CARTRIDGE	0,93	105, 150

Ref.	Description	Weight	Pages
70655	RENOVATION MIXER WALL MOUNTED FOR SHOWER 120 MM - RUBBER CARTRIDGE	0,94	105, 150
70657	RENOVATION MIXER WALL MOUNTED FOR SHOWER F 120 MM - CERAMIC CARTRIDGE	0,889	105, 150
70659	RENOVATION MIXER WALL MOUNTED FOR SHOWER 70 MM - CERAMIC CARTRIDGE	0,819	105, 150
70660	RENOVATION MIXER WALL MOUNTED FOR SHOWER 80 MM - CERAMIC CARTRIDGE	0,81	105, 15
70663	RENOVATION MIXER WALL MOUNTED FOR SHOWER 120 MM - CERAMIC CARTRIDGE	0,89	105, 15
70664	LEG 38 MM HIGH FOR MIXER WALL MOUNTED	0,065	105, 15
70665	LEG 48 MM HIGH FOR MIXER WALL MOUNTED	0,079	105, 15
70669	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 90 MM -RUBBER CARTRIDGE	1,313	105, 15
70671	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 110 MM - RUBBER CARTRIDGE	1,333	105, 15
70673	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 60 MM - CERAMIC CARTRIDGE	1,264	105, 15
70674	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 70 MM - CERAMIC CARTRIDGE	1,2	105, 15
70675	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 80 MM - CERAMIC CARTRIDGE	1,249	105, 15
70676	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 90 MM - CERAMIC CARTRIDGE	1,259	105, 15
70678	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 110 MM - CERAMIC CARTRIDGE	1,253	105, 15
70679	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH 120 MM - CERAMIC CARTRIDGE	1,32	105, 15
70680	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH F120 MM - RUBBER CARTRIDGE	1,32	105, 15
70681	RENOVATION MIXER WALL MOUNTED FOR SHOWER/BATH F120 MM - CERAMIC CARTRIDGE	1,26	105, 15
70682	SPOUT FOR BATH WITH SHOWER HOLDER AND INGREENER.	0,515	105, 15
70683	SHOWER HOLDER FOR BATH SPOUT.	0,050	105, 15
70684	RENOVATION MIXER WALL MOUNTED FOR SINK 60 MM - RUBBER CARTRIDGE	0,934	105, 15
70685	RENOVATION MIXER WALL MOUNTED FOR SINK 70 MM - RUBBER CARTRIDGE	0,944	105, 15
70686	RENOVATION MIXER WALL MOUNTED FOR SINK 80 MM - RUBBER CARTRIDGE	0,929	105, 15
70687	RENOVATION MIXER WALL MOUNTED FOR SINK 90 MM - RUBBER CARTRIDGE	0,99	105, 15
70688	RENOVATION MIXER WALL MOUNTED FOR SINK 100 MM - RUBBER CARTRIDGE	0,984	105, 15
70689	RENOVATION MIXER WALL MOUNTED FOR SINK 110 MM - RUBBER CARTRIDGE	0,995	105, 15
70692	RENOVATION MIXER WALL MOUNTED FOR SINK 70 MM - CERAMIC CARTRIDGE	0,92	105, 15
70693	RENOVATION MIXER WALL MOUNTED FOR SINK 80 MM - CERAMIC CARTRIDGE	0,929	105, 15
70694	RENOVATION MIXER WALL MOUNTED FOR SINK 90 MM - CERAMIC CARTRIDGE	0,994	105, 15
70695	RENOVATION MIXER WALL MOUNTED FOR SINK 100 MM - CERAMIC CARTRIDGE	0,983	105, 15
70697	RENOVATION MIXER WALL MOUNTED FOR SINK 120 MM - CERAMIC CARTRIDGE	0,975	105, 15
70699	RENOVATION MIXER WALL MOUNTED FOR SINK F 120 MM - CERAMIC CARTRIDGE	1,004	105, 15
70700	SINGLE PILLAR TAP - RUBBER CARTRIDGE	0,704	105, 15
70702	SINGLE PILLAR TAP WITH HIGH SPOUT -RUBBER	0,734	105, 15

Ref.	Description	Weight	Pages
70703	SINGLE PILLAR TAP WITH HIGH SPOUT -CERAMIC CARTRIDGEIQUE DIN	0,729	105, 150
70704	SINGLE WALL MOUNTED TAP -RUBBER CARTRIDGE- SPOUT=160MM	0,49	105, 150
70705	SINGLE WALL MOUNTED TAP -CERAMIC CARTRIDGE- SPOUT=160MM	0,484	105, 150
70706	SINGLE WALL MOUNTED TAP -RUBBER CARTRIDGE- SPOUT=200MM	0,503	105, 150
70707	SINGLE WALL MOUNTED TAP -CERAMIC CARTRIDGE- SPOUT=200MM	0,49	105, 150
70708	TWO HOLES MIXING TAP -RUBBER CARTRIDGE- SPOUT=160MM-THREADED LENGTH=50MM	1,655	105, 150
70709	TWO HOLES MIXING TAP -RUBBER CARTRIDGE- SPOUT=200MM-THREADED LENGTH=50MM	1,67	105, 150
70713	TWO HOLES MIXING TAP -CERAMIC CARTRIDGE- SPOUT=200MM- THREADED LENGTH=250MM	2,125	105, 150
70722	ONE HOLE MIXING TAP -RUBBER CARTRIDGE DIN	1,503	105, 150
70723	ONE HOLE MIXING TAP -CERAMIC CARTRIDGE DIN	1,48	105, 150
70750	SINGLE LEVER MIXING TAP FOR BATH AND SHOWER - CENTRE DISTANCE 60 TO 80MM	1,22	105, 150
70751	SINGLE LEVER MIXING TAP FOR BATH AND SHOWER- CENTRE DISTANCE 100 TO 120MM	1,329	105, 150
70752	SINGLE LEVER MIXING TAP FOR SHOWER OR SINK - CENTRE DISTANCE 60 TO 80MM	0,819	105, 150
70753	SINGLE LEVER MIXING TAP FOR SHOWER OR SINK - CENTRE DISTANCE 100 TO 120MM	0,987	105, 150
70754	CERAMIC CARTRIDGE FOR SINGLE LEVER MIXING TAP	0,075	105, 150
70755	LEVER FOR INGLE LEVER MIXING TAP	0,23	105, 150
70756	CERAMIC CARTRIDGE FOR REF. 70750 AND 70751	0,075	105, 150
70757	AUTOMATIC REVERSER FOR REF 70750 AND 70751	0,075	105, 150
84006	THERMOSTATIC MIXING VALVE PRESTOTHERM 55L	1,750	64
84007	THERMOSTATIC MIXING VALVE PRESTOTHERM 84L	2,900	64
84008	THERMOSTATIC MIXING VALVE PRESTOTHERM 134L	3,800	41, 54, 64
84009	THERMOSTATIC MIXING VALVE PRESTOTHERM 188L	4,300	64
84020	THERMOSTATIC MIXING VALVE PRESTOTHERM 280L	6,000	65
84021	THERMOSTATIC MIXING VALVE PRESTOTHERM 450L	12,000	65
84513	CAP FOR PRESTOTHERM 55L	0,070	241
84514	CAP FOR PRESTOTHERM 84L-134L AND 188L	0,110	241
84515	CARTRIDGE PRESTOTHERM 55L	0,410	241
84516	CARTRIDGE PRESTOTHERM 84L	0,950	241
84517	MAINTENANCE SET FOR PRESTOTHERM 134L AND 188L	0,230	241
84518	SET OF SEALS FOR PRESTOTHERM 280L	0,100	241
84519	CARTRIDGE FOR PRESTOTHERM 280L	0,400	241
84520	SET OF SEALS FOR PRESTOTHERM 450L	0,100	241
84521	CARTRIDGE FOR PRESTOTHERM 450L	0,600	241
85671	FREE STANDING BODY AND EYE SHOWER	0.5.	241
85753	SAFETY SHOWER - CEILING INLET 1/2" WITH 1 HEAD	2,54	206, 208
85754	SAFETY SHOWER - CONCEALED INLET 1/2" WITH 1 HEAD	3,064	208
85755	SAFETY SHOWER - VISIBLE INLET 1/2" WITH 1 HEAD	3,52	208
85760	SAFETY EYE CLEANER - CONCEALED INLET 1/2", 2 JETS	1,88	206, 209
85761	SAFETY EYE CLEANER - CONCEALED INLET 1/2", 1 JET	2,99	210
85762 85763	SAFETY EYE CLEANER - WALL MOUNTED 1/2" WITH 2 JETS SAFETY EYE CLEANER - CONCEALED INLET 1/2"	1,8 1,135	209
85765	WITH 1 JET SAFETY EYE CLEANER - WALL MOUNTED 3/8"	5,5	210

Ref.	Description	Weight	Pages
85767	SAFETY EYE CLEANER - WALL MOUNTED 1/2"	0,845	210
85768	SAFETY EYE SPRAYER 1/2"	1,025	209
85949	PRESENCE DETECTOR	0,145	74, 75
85990	STOP VALVE 1/2 WITH DRAIN COCK	0,41	66
85991	STOP VALVE 3/4 WITH DRAIN COCK	0,38	64
85992	STOP VALVE 1 WITH DRAIN COCK	0,53	64
85993	STOP VALVE 1 1/4 WITH DRAIN COCK	0,81	64
85999	SOLENOID VALVE NORMALY CLOSED DN 32	0,6	75
86202	HAND-HELD EYE SHOWER		210
86203	BODY SHOWER FOR WALL MOUNTING		208
86204	EMERGENCY SET		210
86626	3 WAYS VALVE 12 VAC	2,1	74, 75
86700	PROGRAMMABLE CONTROL UNIT PRESTO	6,5	75
86701	TEMPERATURE SENSOR	0,3	75
86710	KIT LEGIONELLA RTF 1 RING	12	72
86711	KIT LEGIONELLA RTF 2 RINGS	15	73
87065	LOCKER WITH 2 KEYS FOR HYDROMONEY	0,09	233
88074	HYDROJETON 630 - 250 TOKENS	1,295	233
88400	PANEL PRESTO 50 ALU - TOP INLET	7,300	45
88402	PANEL PRESTO 50 ALU - BACK INLET	7,300	45
88404	PANEL PRESTO 50 WHITE -TOP INLET	7,300	45
88406	PANEL PRESTO 50 WHITE - BACK INLET	7,300	45
88408	PANEL PRESTO 50 ALU - TOP INLET WITH HAND SHOWER	7,800	45
88410	PANEL PRESTO 50 ALU - BACK INLET WITH HAND SHOWER	7,700	45
88412	PANEL PRESTO 50 WHITE - TOP INLET WITH HAND SHOWER	7,800	45
88414	PANEL PRESTO 50 WHITE - BACK INLET WITH HAND SHOWER	7,700	45
88416	PANEL PRESTO 50 «LEGIONELLA» ALU - TOP INLET	7,400	45, 78
88418	PANEL PRESTO 50 «LEGIONELLA» ALU - BACK INLET	7,400	45, 78
88420	PANEL PRESTO 50 «LEGIONELLA» WHITE -TOP INLET	7,400	45, 78
88422	PANEL PRESTO 50 «LEGIONELLA» WHITE - BACK INLET	7,400	45, 78
88424	PANEL MIXER ALPA BC ALU - TOP INLET	8,000	46
88426	PANEL MIXER ALPA BC ALU - BACK INLET	8,000	46
88428	PANEL MIXER ALPA WHITE -TOP INLET	8,000	46
88430	PANEL MIXER ALPA WHITE - BACK INLET	8,000	46
88432	PANEL MIXER ALPA ALU - TOP INLET WITH HAND SHOWER	8,500	46
88434	PANEL MIXER ALPA ALU - BACK INLET WITH HAND SHOWER	8,400	46
88436	PANEL MIXER ALPA WHITE - TOP INLET WITH HAND SHOWER	8,500	46
88438	PANEL MIXER ALPA WHITE - BACK INLET WITH HAND SHOWER	8,400	46
88440	PANEL THERMOSTATIC ALU - TOP INLET	8,700	45
88442	PANEL THERMOSTATIC ALU - BACK INLET	8,600	45
88444	PANEL THERMOSTATIC WHITE -TOP INLET	8,700	45
88446	PANEL THERMOSTATIC WHITE - BACK INLET	8,600	45
88448	PANEL THERMOSTATIC ALU - TOP INLET WITH HAND SHOWER	9,200	45
88450	PANEL THERMOSTATIC ALU - BACK INLET WITH HAND SHOWER	9,200	45
88452	PANEL THERMOSTATIC WHITE - TOP INLET WITH HAND SHOWER	9,200	45
88454	PANEL THERMOSTATIC WHITE - BACK INLET WITH HAND SHOWER	9,200	45

Ref.	Description	Weight	Pages
88456	PANEL THERMOSTATIC «LEGIONELLA» ALU - TOP INLET	8,800	45, 78
88458	PANEL THERMOSTATIC «LEGIONELLA» ALU - BACK INLET	8.700	45, 78
88460	PANEL THERMOSTATIC «LEGIONELLA» WHITE -TOP INLET	8,800	45, 78
88462	PANEL THERMOSTATIC «LEGIONELLA» WHITE - BACK INLET	8,700	45, 78
88480	PANEL LEVER MIXER ALU - TOP INLET	7,700	48, 170
88482	PANEL LEVER MIXER ALU - BACK INLET	7,600	48, 170
88484	PANEL LEVER MIXER WHITE - TOP INLET	7,700	48, 170
88486	PANEL LEVER MIXER WHITE - BACK INLET	7,600	48, 170
88488	PANEL LEVER MIXER ALU - TOP INLET WITH HAND SHOWER	8,200	48, 170
88490	PANEL LEVER MIXER ALU - BACK INLET WITH HAND SHOWER	8,000	48, 170
88492	PANEL LEVER MIXER WHITE - TOP INLET WITH HAND SHOWER	8,200	48, 170
88494	PANEL LEVER MIXER WHITE - BACK INLET WITH HAND SHOWER	8,000	48, 170
88500	PIPE WORK COVER GREY - LG 400 MM	1,900	50
88501	PIPE WORK COVER GREY - LG 970 MM	3,900	50
88502	PIPE WORK COVER WHITE - LG 400 MM	1,900	50
88503	PIPE WORK COVER WHITE - LG 970 MM	3,900	50
88504	SUPPORT FOR CORNER INSTALLATION	1,5	46, 49, 50
88506	THERMOST. PANEL WITHOUT TIMED FLOW TAP, SATIN GRAY - WITH INVERTER (WITHOUT HANDSPRAY) - BACK WATER INLET	9,7	49, 171
88508	THERMOST. PANEL WITHOUT TIMED FLOW TAP, IVORY WHITE, WITH INVERTER (WITHOUT HANDSPRAY) - BACK WATER INLET	9,7	49, 171
88510	THERMOST S/S PANEL TEMPO ALU-TOP CONNECTION	9,2	48, 170
88512	THERMOST. S/S PANEL TEMPO ALU-BACK CONNECTION	9,2	48, 170
88514	THERMOST. S/S PANEL TEMPO IVORY-TOP CONNECTION	9,2	48, 170
88516	THERMOST. S/S PANEL TEMPO IVORY-BACK CONNECTION	9,2	48, 170
88518	THERMOSTATIC SHOWER PANEL WITH REVERSER (WITHOUT HANDSPRAY) SATIN GRAY WITH TOP WATER INLET	9,7	49, 171
88520	THERMOSTATIC SHOWER PANEL WITH REVERSER (WITHOUT HANDSPRAY) IVORY WHITE WITH TOP WATER INLET	9,7	49, 171
88522	THERMOSTATIC SHOWER PANEL WITH REVERSER (WITH HANDSPRAY) SATIN GRAY WITH TOP WATER INLET	9,7	49, 171
88524	THERMOSTATIC SHOWER PANEL WITH REVERSER (WITH HANDSPRAY) IVORY WHITE WITH TOP WATER INLET	9,7	49, 171
88526	THERMOSTATIC SHOWER PANEL WITH REVERSER (WITH HANDSPRAY) SATIN GRAY WITH BACK WATER INLET	9,7	49, 171
88528	THERMOSTATIC SHOWER PANEL WITH REVERSER (WITH HANDSPRAY) IVORY WHITE WITH BACK WATER INLET	9,7	49, 171
88530	PRESTOTEM TOUCH GRAY TOP WATER INLET	7	47
88532	PRESTOTEM TOUCH WHITE TOP WATER INLET	7	47
88534	PRESTOTEM TOUCH GRAY BACK WATER INLET	7	47
88536	PRESTOTEM TOUCH WHITE BACK WATER INLET	7	47
88538	PRESTOTEM TOUCH THERMOSTATIC GRAY TOP WATER INLET	8,3	47
88540	PRESTOTEM TOUCH THERMOSTATIC WHITE TOP WATER INLET	8,3	47
88542	PRESTOTEM TOUCH THERMOSTATIC GRAY BACK WATER INLET	8,3	47
88544	PRESTOTEM TOUCH THERMOSTATIC WHITE BACK WATER INLET	8,3	47
88626	PRESTOTEM WITH ALPA S BC GRAY TOP WATER INLET	8,000	46

Ref.	Description	Weight	Pages
88628	PRESTOTEM WITH ALPA S BC GRAY BACK WATER INLET	8,000	46
88630	PRESTOTEM WITH ALPA S BC WHITE TOP WATER INLET	8,000	46
88632	PRESTOTEM WITH ALPA S BC WHITE BACK WATER INLET	8,000	46
88634	PRESTOTEM WITH ALPA'S BC GRAY TOP WATER INLET (WITH HANDSPRAY)	8,400	46
88636	PRESTOTEM WITH ALPA'S BC GRAY BACK WATER INLET (WITH HANDSPRAY)	8,400	46
88638	PRESTOTEM WITH ALPA S BC WHITE TOP WATER INLET (WITH HANDSPRAY)	8,400	46
88640	PRESTOTEM WITH ALPA S BC WHITE BACK WATER INLET (WITH HANDSPRAY)	8,400	46
90000	SET FOR ECLAIR (UNTIL 06/88) / EYREM : 20 STUFFING BOXES (3 PIECES)	0,028	237
90001	SET OF 20 O RINGS FOR ECLAIR CARTRIDGE	0,01	233, 237
90003	SET FOR ECLAIR CARTRIDGE (UNTIL 07/88): 5 PISTONS, 5 CYLINDERS, 5 O RINGS	0,227	237
90004	SET FOR P 1000 M : 5 COMPLETE PISTONS, 5 LIP SEALS, 5 WASHERS, 5 CAP O RINGS	0,088	238
90005	SET FOR EYREM CARTRIDGE : 5 PISTONS, 5 COVER WASHERS, 5 SPRINGS	0,268	237
90007	SET OF 20 CAP O RINGS FOR P 1000 M	0,011	238
90008	SET OF 20 COVER WASHERS FOR EYREM	0,021	237
90009	SET OF 1 PISTON ASSEMBLY FOR ECLAIR H	0,049	233, 237
90010	SET OF 10 COMPRESSION SEALS 28 MM	0,017	238
90012	SET OF 10 COMPRESSION SEALS 32 MM	0,03	237
90013	SET FOR P 12: 1 ANGLE BLOCK, 1 CLAMP WITH SCREW	0,124	88, 90, 92, 235
90014	SET FOR ECLAIR : 20 PROTECTION CAPS	0,063	237
90015	SET FOR P 1000 M : 1 LEVER HANDLE, 1 KNOB, 1 VALVE SPRING	0,147	238
90018	SET FOR P 12 : 1 PLATE + 1 SEAL	0,08	235
90019	SET FOR EYREM: 5 SPRINGS FOR LEVER HANDLE	0,014	237
90020	SET FOR ECLAIR CARTRIDGE (SINCE 07/88): 5 PISTONS, 5 CYLINDERS, 5 O RINGS, 5 LIP SEALS	0,236	237
90021	SET FOR PRESTO ECLAIR DV: DISC PUSH BUTTON.	0,236	233, 237
90022	SET FOR EYREM: 2 SPRINGS FOR HANDLE	0,034	237
90023	SET FOR EYREM: 1 LEVER HANDLE HOLDER	0,054	237
90024	SET FOR EYREM : 1 LEVER HANDLE	0,054	237
90034	SET FOR PRESTO 1000E AND PRESTO 7000: VANDAL PROOF SCREWS WITH KEY.	0,068	238, 239
90040	SOLENOID VALVE FOR PRESTO 7100/7200/7300	0,146	239
90041	SET OF PISTONS FOR PRESTO 7100/7200/7300	0,084	239
90043	FIXING UNIT FOR PRESTO TYPE 7000/P1000 ON IN-DUCT INSTALLATION.	0,12	108
90044	FRONT PLATE P 1000 E	0,3	108, 238
90046	BAG OF PISTON ALPA AFTER 02/2005	0,132	232
90048	BAG OF PISTON 3500 AFTER 02/2005	0,132	225
90049	QUICK COUPLING HANDSPRAY	0,184	50, 169, 171
90051	INFRA-RED CELL PRESTO 8400 (AFTER JANUARY 2011) - BATTERY	0,150	236
90052	SENSOR FOR SO'O BATTERY OPERATED	0,100	228
90053	SENSOR FOR SO'O MAIN OPERATED	0,100	228
90054	CARTRIDGE COMPLETE DL400 E TOUCH	0,060	230
90055	PUSH BUTTON/CARTER COMPLETE DL400 E TOUCH	0,250	230
90056	SOLENOID VALVE COMPLETE DL400 E TOUCH	0,100	230

Ref.	   Description	Weight	Pages
90057	COVER FOR SQUALE II	0,38	230
90058	COVER FOR SQUALE II MIXER	0,52	230
90059	BUTTON FOR IN-DUCT P1000XL	0,225	238
90060	5 AERATORS M24X1	0,070	16, 224, 227
90061	STAND FOR HAND HELD SHOWER	0,100	229
90062	COMPLETE PEDAL SET (BEFORE 2013)	0,350	225
90067	CLOSED RING		230
90068	THERMOSTATIC CARTRIDGE		228, 234
90069	THERMOSTATIC LEVER SET		228, 234
90070	2 NON RETURN VALVES		228, 234
90071	REMOTE CONTROL		228, 234
90077	SET OF 2 TUBES		238
90079	FRONT FACE FOR DUAL FLUSH P1000XLA DVA		107, 115, 127, 238
90080	FRONT FACE FOR DUAL FLUSH P1000XLE DVA		107, 115, 127, 238
90081	TRIGGER P1000XL -ANTIBLOCKING		238
90083	MIXER WITH LEVER		229
90090	FRONT PLATE FOR CONCEALED ALPA		232
90091	MIDDLE PLATE FOR CONCEALED ALPA		232
90092	MIDDLE PLATE FOR CONCEALED ALPA		232
90101	SET FOR DL 30 / 40 : 5 PISTONS WITH SPRINGS, 5 O RINGS, 5 CYLINDERS	0,236	229
90103	SET FOR DL 30 / 40 : 5 GRIDS, 5 SHOWER HEAD RINGS, 5 O RINGS	0,065	229
90104	SET FOR P 50 / 50 B : 5 PISTONS, 5 COUNTER-PIECE O RINGS, 5 CAP O RINGS, 5 LIP SEALS	0,18	231
90108	SET FOR P 60 / 60 B : 5 PISTONS, 5 COUNTER-PIECE O RINGS, 5 CAP O RINGS, 5 LIP SEALS	0,18	235
90109	SET OF 20 CAP O RINGS P 50 / 60 - P 50 B / 60 B	0,01	231, 235
90110	SET OF 20 COUNTER-PIECE O RINGS P 50 / 60	0,008	231, 235
90114	SET FOR DL 30 / 40 : 10 NUTS, 10 OLIVES	0,168	229
90115	SET FOR P 50 B / 60 B (UNTIL END OF 1956) : CAP, O RING, SEAL, BOLT	0,071	231, 235
90116	SET FOR P 50 / 60 : CAP AND O RING	0,096	231, 235
90117	SET FOR P 50 B / 60 B (SINCE BEGINNING OF 1986): CAP, O RING, SEAL, BOLT	0,373	231, 235
90119	SET FOR COLUMN SHOWER S4	0,184	233
90120	SET OF FLOW REGULATORS 6 L/MIN FOR P 50 WITH ARROW ON THE BODY (BY 5, GREY)	0,055	229, 231
90121	SET OF FLOW REGULATORS 8 L/MIN FOR P 50 WITH ARROW ON THE BODY (BY 5, WHITE)	0,055	229, 231
90122	SET OF FLOW REGULATORS 10 L/MIN FOR P 50 WITH ARROW ON THE BODY (BY 5, YELLOW)	0,054	229, 231
90123	SET OF FLOW REGULATORS 12 L/MIN FOR P 50 WITH ARROW ON THE BODY (BY 5, BROWN)	0,055	229, 231
90124	SET FOR FIXED SHOWER HEAD : 5GRID NUTS, 5 VANDAL PROOF SREWS FOR GRID	0,088	57, 233
90125	SET DL 30 / 40 AND ADJUSTABLE SHOWER HEAD : 5 GRID NUTS, 5 ANTIVANDALISM SCREWS FOR GRID	0,086	57, 229
90129	SET FOR COLUMN SHOWER CARTRIDGE S4	0,276	218, 233
90134	DIRECTIONAL SHOWER HEAD G 1/2 "	0,39	56
90135	SET FOR ALPA MIXING VALVE : 1 SEAL + 2 O RINGS	0,004	225, 232
90137	SERVICE KEY FOR ALPA MIXING VALVE PANEL-MOUNTED	0,088	225, 232
90138	FRONT PLATE WITHOUT JOINT FOR P 50 B	0,124	231

Ref.	Description	Weight	Pages
90139	SET OF SCREWS FOR THE SHOWER COLUMN PRESTO S4 BASE.	0,03	233
90140	SET OF FLOW REGULATOR 6 L/MIN FOR SHOWER VALVE DL 30 / 40 & P 50 (BY 5, PINK)	0,016	229, 231
90141	SET OF FLOW REGULATORS 8 L/MIN FOR SHOWER VALVES DL 30 / 40 & P 50 (BY 5, BLACK)	0,016	229, 231
90142	SET OF FLOW REGULATORS 10 L/MIN FOR SHOWER VALVES DL 30 / 40 & P 50 (BY 5, WHITE)	0,016	229, 231
90143	SET OF FLOW REGULATORS 12 L/MIN FOR SHOWER VALVES DL 30 / 40 & P 50 (BY 5, ORANGE)	0,015	229, 231
90144	SET FOR P 50 : 20 PROTECTION COVERS FOR VALVE BODY	0,054	231
90145	SET OF FLOW REDUCER: 6L/MN	0,02	229, 230
90146	SET OF FLOW REGULATOR 10 L/MIN FOR SHOWER VALVE DL 300 S / 400 S / 350 S (BY 5, YELLOW)	0,02	229, 230
90148	SET FOR DL 30 / 40 AND FIXED OR DIRECTIONAL SHOWER HEADS: 5 EXTERIOR SHOWER GRID FIXING SCREWS	0,072	229, 233
90154	SET FOR PRESTO DL 30: HANDLE AND CHAIN	0,11	229
90155	SET OF COMPLETE LEVER FOR P 3000 / 3000 S / 7000	0,1	221
90164	DL 30 / 40 SHOWER HEAD MAINTENANCE SET : 5 GRIDS + 5 GRID WASHERS	0,018	229, 233
90165	SET FOR PRESTO 50: WALL BASE	0,026	231, 233
90166	SET FOR TRIGGER FOR DL30 (WITHOUT CHAIN AND HANDLE)	0,285	229
90167	PISTON FOR ALPA		232
90173	FIXED SHOWER HEAD MOUNTING PLATE KIT FOR FIXED SHOWER HEAD	0,118	233
90178	SET OF FLOW REGULATOR 8 L/MIN FOR SHOWER VALVE DL 300 S / 400 S / 350 S (BY 5, WHITE)	0,02	229, 230
90181	SET OF CARTRIDGE COMPLETE FOR DL300/400	0,057	230
90182	SET OF TRIGGER FOR DL300/400 EXPOSED TYPE.	0,058	230
90183	SET OF TRIGGER FOR DL300/400 BUILD IN TYPE.  SET OF GRID, RUBBER MEMBRANE, FLOW REDUCER	0,059	230, 231
00405	10 L/MN FOR DL300/400	0.04	000 000
90185	SET OF GRID AND RUBBER MEMBRANE FOR DL300/400		229, 230
90186	SET OF O RINGS FOR DL300/400	0,008	230
90188	SET FOR DL300/400: RILSAN HOSE (2,5 METERS) SET OF PUSH BUTTON / CARTER CHROME FINISHED FOR DL300/400	0,029	230
90189	SET OF PUSH BUTTON / CARTER WHITE EPOXY FINISHED FOR DL300/400	0,143	230
90190	5 FLOW REGULATORS 10 L/MN	0,1	230
90191	SET OF GRID ORIENTABLE 17 OR 25° FOR SHOWER HEAD TYPE REF.29110	0,085	233
90192	5 FLOW REGULATORS 8 L/MN	0,1	233
90193	COMPENSATION FRONT PLATE 50 B	0,468	231
90195	P 500 S FIXING ADAPTATION KIT FOR PIPE AND SHOWER HEAD	0,133	43
90196	ELECTRONIC CIRCUIT FOR PRESTO 9400 T	0,05	234
90197	SET FOR DL 350 S WITH HANDLE AND COMPLETE CABLE	0,075	230
90198	SET OF PUSH-BUTTONS AND PISTONS FOR PRESTO 500 S	0,008	231
90200	SET OF 20 O RINGS FOR WASHBASIN CARTRIDGES AND P 12	0,007	220, 221, 235
90202	SET FOR P 504 / 605 / 512 TC COLD WATER: 5 BLUE PISTONS, 5 O RINGS, 5 CYLINDERS, 5 COUNTER-PIECES, 5 LIP SEALS	0,077	220, 221
90203	SET FOR P 504 / 605 / 3000 / 7000 HOT WATER : 5 RED PISTONS, 5 O RINGS, 5 CYLINDERS, 5 COUNTER-PIECES,	0,077	220
90206	5 LIP SEALS SET FOR P 507 / P 12 : 5 GREEN PISTONS, 5 O RINGS, 5 CYLINDERS, 5 COUNTER-PIECES, 5 LIP SEALS	0,077	220, 235

Ref.	Description	Weight	Pages
90207	SET OF 20 BLEED SPRINGS	0,003	220, 221, 224, 225, 229, 230, 231, 232, 233, 235, 237, 238
90208	SET OF 20 FLOW STRAIGHTENERS	0,012	220, 221
90209	SET "S SERIE" (SINCE 1984) : 5 VALVES, 5 RINGS, CYLINDERS, 5 O RINGS, 5 SEALS	0,068	220
90214	SET OF 10 BRASS NUTS G 1/2 "	0,104	221
90215	SET OF 25 PISTONS SPRINGS FOR "S" CARTRIDGES: 5 SPRINGS, 5 NITRILE WASHERS	0,018	220
90218	SET OF 25 PISTONS SPRINGS FOR "S" CARTRIDGES: 5 SPRINGS, 5 DELRIN WASHERS	0,007	221
90225	SET FOR MIXING TAP P 4000 S : 5 COMPLETE AXIS + 5 STEMS	0,363	224
90226	SET FOR MIXING TAP P 4000 S : 1 BOSS + 2 O RINGS	0,083	224
90227	ADJUSTABLE SPOUT G 3/4 "	0,102	225
90232	BAG OF 5 PISTONS BLUE	0,077	225
90233	BAG OF 5 PISTONS RED	0,077	225
90234	SET OF PROTECTION CAPS FOR P 600 BODY	0,032	13, 14, 220, 221
90236	EXTENSION FOR PRESTOMAT 2010 (LONG. 25 MM)	0,326	15
90237	SET FOR P50 ET P50 B: SETTING RING.	0,024	231, 235
90240	SET FOR P SOL 520 / 530 : 5 FLOW REGULATORS 6 L/MIN	0,006	231, 235
90241	SET FOR P SOL 520 / 530 : 5 FLOW REGULATORS 10 L/MIN	0,006	231, 235
90242	SET OF 5 FLOW REGULATORS 4 L	0,006	223
90243	SET OF 5 FLOW REGULATORS 5 L	0,006	223
90245	SET FOR MIXING TAP P 4000 S : 1 CHROME PLATED KNOB, 1 RING, 1 CHROMED INSERT WITH LOGO, 1 O RING	0,296	224
90246	SET FOR MIXING TAP P 4000 S: 10 CHROMED INSERTS WITH LOGO, 10 O RINGS	0,018	224
90259	NON RETURN CONNECTOR (2 PIECES SET)	0,082	199
90266	SET FOR MIXING TAP P 4000 S : 10 FLOW AERATORS 6 L/MIN FIXING UNIT FOR IN-DUCT INSTALLATION FOR PRESTO	0,148	224 108
	TYPE 5100/8100/8300		
90271	9 V LITHIUM BATTERY	0,04	228, 234
90272	ADAPTATOR FOR P8400	244	236
90274	SOLENOID VALVE FOR PRESTO 6010	0,11	228, 234
90283	INFRA-RED CELL FOR PRESTO 5750 INFRA-RED CELL 6400 T	0,11	228, 234
90288	SET FOR PRESTO 712: HANDLE COMPLETE - LONG. 265 MM	0,2 0,132	220
90292	SET FOR PRESTO 712: HANDLE COMPLETE - LONG. 265 MM	0,132	221
90294	SET FOR PRESTO 712: HANDLE COMPLETE - LONG. 440 MM	0,140	221
90295	ELECTRONIC CIRCUIT FOR REF.52400	0,643	31, 228, 234
90296	INFRA RED CELL FOR REF.52400	0,121	31, 228, 234, 236
90297	ELECTRONIC CIRCUIT FOR REF.52401 AND 52402	0,74	236
90299	SET OF 5 IN-DUCT CONTROL JACK		235
90301	SET FOR LEVER HANDLE OF P 3000 / 3000 S / 7000 : 5+5 O RINGS, 5 WASHERS, 5 CIRCLIPS, 5 PROTECTION CAP	0,007	221
90310	SET FOR MIXING TAP P 4000 S : 5 PISTONS, 5 SPRINGS, 5 RINGS, 5 CYLINDERS, 5 DISTRIBUTORS	0,138	224
90311	SET FOR MIXING TAP P 4000 S : 1 PUSH-BUTTON, 1 RING, 1 NUT, 1 SINGLE INSERT, 1 HEAD SPRING	0,06	224
90312	SET FOR MIXING TAP P 4000 S : 2 SLIDERS, 2 SLIDER BODIES, 2 SET O RINGS, 2 SPRINGS, 2 O RINGS	0,013	224

Ref.	Description	Weight	Pages
90313	SET FOR MIXING TAP P 4000 S : 10 O RINGS	0,006	224, 238
90314	SET FOR MIXING TAP P 4000 S : 10 O RINGS	0,004	224
90315	SET FOR MIXING TAP P 4000 S : 10 INSERTS WITH LOGO	0,046	224
90316	SET FOR MIXING TAP P 4000 S: 10 FLOW STRAIGHTENERS	0,158	224
90317	SET FOR MIXING TAP P 4000 S : 2 NUTS	0,163	224
90319	SET FOR MIXING TAP P 4000 S : 20 FILTERS STRAINERS	0,065	222, 223, 224, 225
90320	SET FOR MIXING TAP P 4000 S : 5 TEMPERATURE LIMITERS	0,076	224
90321	SETS FOR PRESTO ELECTRONIC UNITS : 1 SOLENOÎD VALVE FOR REF. 52915 / 52916 / 52917	0,214	234, 236
90322	SETS FOR PRESTO ELECTRONIC UNITS : 1 SOLENOÏD VALVE FOR REF. 52914 / 52920	0,263	234, 236
90324	SET FOR HYDROMONEY MDJ 630 / REF. 52402 AND P 8000 / 8100 FOR SIPHONIC ACTION URINAL : SOLENOÏD VALVE	0,189	96, 233, 236
90326	SET FOR MIXING TAP P 4000 S: 10 AERATORS	0,104	224
90328	SET FOR PRESTO ELECTRONIC UNITS FOR REF. 52914 / 52915 / 52917 / 52920 : 1 REFLECTOR	0,028	234, 236
90329	SET FOR PRESTO ELECTRONIC UNITS FOR REF. 52914 / 52915 / 52917 / 52920 : 1 FRONT PLATE	0,146	234, 236
90333	SET FOR PRESTOMAT 2000 : 2 REGULAR PISTONS	0,027	223
90340	SET FOR REF. 52914 / 52915 / 52917 / 52920 : 5 DEHYDRATING CAPSULES	0,05	234, 236
90343	SETS FOR PRESTO ELECTRONIC UNITS : 1 ELECTRONIC BOX FOR REF. 52914 / 52915 / 52916	0,356	236
90344	SETS FOR PRESTO ELECTRONIC UNITS : 1 ELECTRONIC BOX FOR REF. 52917	0,356	234
90363	TRANSFORMER CONCEALING KIT FOR P 5000 / 5500	0,082	234
90366	SET OF FITTINGS WITH CHECK VALVE AND FLOW REDUCER 4L/MN FOR PRESTO 2000	0,085	223
90370	SET FOR PRESTOMAT 2000 / 2020 : 5 REGULAR PISTONS	0,015	223
90375	SET FOR P 2020 : 1 GREY SKIRT	0,026	223
90376	SET FOR PRESTOMAT 2000 / 2010 : 2 FLOW STRAIGHTENERS	0,004	223
90377	SET FOR PRESTOMAT 2000 / 2010 : 1 BLUE SKIRT	0,031	223
90378	SET FOR PRESTOMAT 2000 / 2010 : 1 RED SKIRT	0,031	223
90380	SET FOR PRESTOMAT 2000 / 2010 / 2020 : 1 REGULAR PUSH-BUTTON	0,154	223
90381	SET FOR PRESTOMAT 2000 S / 2010 S / 2020 S : 1 "S" PUSH- BUTTON	0,154	223
90382	SET FOR PRESTOMAT 2000 / 2010 / 2020 : 4 O RINGS + 1 LIP SEAL	0,003	223
90383	SET FOR PRESTOMAT 2000 / 2010 S / 2020 S : 5 O RINGS + 2 LIP SEALS	0,003	223
90389	SET OF 1 KEY FOR P 2000 / 2000 S / 2010 / 2010 S / 2020 / 2020 S	0,05	15, 223
90390	SET FOR P 5600 / 5700 / 5750 : SOLENOÏD VALVE	0,05	15, 223
90393	SET FOR 5600 / 5700 / 5750 : 1 CONNECTION CABLE	0,05	15, 223
90394	SET FOR 5600 / 5700 / 5750 : BATTERY BOX	0,05	15, 223
90395	SET OF 4 BATTERIES LR 6 - 1,5 V	0,05	15, 223
90400	SET FOR P SOL 509 : 2 DIAPHRAGMS, 2 SPRINGS PLATES, 2 SPRINGS, 8 SCREWS	0,128	225
90404	SET FOR P SOL 509 : 5 PISTONS, 5 CYLINDERS, 5 O RINGS, 5 CAP O RINGS	0,05	225
90405	NUT 1/2"	0,04	220
90414	5 FLOW REGULATORS 10L/MN P 500 S	0,055	231
90416	10 INSERTS FOR P4000S AFTER 10/2006	0,2	224
90425	EXTENSION FOR P500 SB/P120B	0,1	43

Ref.	Description	Weight	Pages
90426	AERATOR WITH FLOW REDUCER 6 L/MN FOR PRESTO 4000 S AND PRESTO 5000	0,04	16, 224
90431	SET FOR DL30/40: O RING AND CONTROL VALVE.	0,04	229
90432	BODY OF DL MOUNTED WITH GRID.	0,41	229
90433	FIRE-PROOF GRID FOR SHOWER HEAD REF. 29301	0,085	233
90434	ANCHOR	0,04	77, 230
90437	BUTOM COMPLETE	0,05	224
90439	NUT + NON RETURN VALVE	0,1	224
90442	SHOWER HEAD DL 400 CONCEALED CHROME	1	230
90444	SHOWER HEAD DL 400 EXPOSED CHROME	1	230
90445	SHOWER HEAD DL 400 EXPOSED EPOXY	1	230
90448	FIXING HOOKS FOR DL 300 AND 400 S	0,07	230
90449	PEDAL 520/530	0,32	225
90455	SET FOR P 8200 / 8300 : SENSOR	0,105	31, 96, 228, 234, 236
90460	SET OF CHROME PLATED ALUMINIUM CAP FOR DL 400 S	0,555	230
90461	SET OF EPOXY FINISH CAP FOR DL 400 S	0,54	230
90464	230/12 V TRANSFORMER - 18 VA FOR 1TO 4 TAPS - MOUNTING ON DIN RAIL	0,49	28, 29, 86, 94, 109, 116, 122, 128, 132, 133, 144, 233
90465	EXTENSION FOR PRESTOMAT 2010 - LONG.90 MM	0,995	15
90466	HANDLE FOR PRESTOMIX 2020	0,1	223
90470	FRONT PLATE PRESTO 500 SB	0,257	231
90471	PVC BY-PASS DRAINER.	0,045	231
90472	SET OF ADJUSTABLE DISCS.	0,002	231
90473	PUSH-BUTTON AND SOCKET FOR PRESTO 500 S B	0,206	231
90478	COMPLETTE SHOWER HEAD GRID 6 L/MN	0,020	230
90480	EXTENSION CONNECTOR 1 M		23, 230
90501	SET OF 20 FILTER WASHERS FOR ALPA MIXING VALVE AND P 5100 / 8000 / 8100	0,008	225, 232
90503	SET OF NON-RETURN VALVE FOR ALPA MIXING VALVE (UNTIL END OF 1985): VALVES, SPRINGS, SEATS AND O RINGS, SPRING RINGS, FILTERS STRAINERS (BY 10)	0,146	225, 232
90504	SET OF NON-RETURN VALVE FOR ALPA MIXING VALVE (SINCE BEGINNING OF 1986): VALVES, SPRINGS, WASHERS, SPRING RINGS, FILTERS STRAINERS (BY 10)	0,145	225, 232
90505	SET FOR ALPA MIXING VALVE (5 PISTONS, 5 SEALS, 10 O RINGS)	0,132	232
90509	SET OF NON-RETURN VALVES WITH FLOW REGULATORS 10 L/MIN FOR ALPA MIXING VALVE: COMPLETE VALVES, SPRINGS, WASHERS, SPRING RINGS, FILTERS STRAINERS (BY 10)	0,145	225, 232
90510	SET OF FLOW REGULATORS 6 L/MIN FOR ALPA WITH FAUCET KEY (BY 5, GREY) - MODELS BEFORE 01/86	0,057	232
90511	SET OF FLOW REGULATORS 8 L/MIN FOR ALPA WITH FAUCET KEY (BY 5, WHITE) - MODELS BEFORE 01/86	0,058	232
90512	SET OF FLOW REGULATORS 10 L/MIN FOR ALPA WITH FAUCET KEY (BY 5, YELLOW) - MODELS BEFORE 01/86	0,058	232
90513	SET OF FLOW REGULATORS 12 L/MIN FOR ALPA WITH FAUCET KEY (BY 5, BROWN) - MODELS BEFORE 01/86	0,057	232
90520	SET OF FLOW REGULATORS 6 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITHOUT MARK (BY 5, GREY) - MODELS FROM 01/86 TO 03/89	0,086	232
90521	SET OF FLOW REGULATORS 8 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITHOUT MARK (BY 5, WHITE) - MODELS FROM 01/86 TO 03/89	0,087	232

Ref.	Description	Weight	Pages
90522	SET OF FLOW REGULATORS 10 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITHOUT MARK (BY 5, YELLOW) - MODELS FROM 01/86 TO 03/89	0,087	232
90523	SET OF FLOW REGULATORS 12 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITHOUT MARK (BY 5, BROWN) - MODELS FROM 01/86 TO 03/89	0,087	232
90524	SET OF SCREWS FOR WALL MOUNTING P520/530	0,03	18, 162, 203
90530	SET OF FLOW REGULATORS 6 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITH TRIANGLE STAMPED ON THE WATER OUTLET (BY 5, PINK) - MODELS AFTER 03/89	0,02	232
90531	SET OF FLOW REGULATORS 8 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITH TRIANGLE STAMPED ON THE WATER OUTLET (BY 5, BLACK) - MODELS AFTER 03/89	0,019	232
90532	SET OF FLOW REGULATORS 10 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITH TRIANGLE STAMPED ON THE WATER OUTLET (BY 5, WHITE) - MODELS AFTER 03/89	0,017	232
90533	SET OF FLOW REGULATORS 12 L/MIN FOR ALPA WITHOUT FAUCET KEY - WITH TRIANGLE STAMPED ON THE WATER OUTLET (BY 5, ORANGE) - MODELS AFTER 03/89	0,018	232
90538	SET OF 5 PISTONS FOR PRESTO 3500 10/20 SECOND	0,132	225
90539	10 MARKER DISC PRESTO ALPA	0,025	225, 232
90540	SET FOR ALPA MIXING VALVE, BLACK KNOB : 1 BLACK KNOB + NAMEPLATE	0,058	225, 232
90545	ALPA (LONG) CHROME PLATED BRASS KNOB	0,289	232
90546	FRONT PLATE P 1000 A	0,2	108, 238
90547	20 STRAINERS G3/8"	0,065	222, 223, 224
90549	4 TORX SCREWS TF 4,8X38 FOR PRESTO ALPA B	0,05	232
90550	TRIGGER COMPLETE FOR DL400 SE	0,02	230
90551	PUSH BOTTON/CARTER COMPLETE FOR DL400 SE	0,25	230
90552	COVER UP FOR DL400 SE + SCREW	0,07	230
90554	NON RETURN VALVE ALPA S	0,15	232
90590	SET OF 5 AERATORS FOR NEW TOUCH	0,040	227, 228
90591	BUTTON FOR TOUCH TAP BATTERIE/ MAIN		227
90604	CONCEALED TRIGGER FOR DL30/40 AFTER 1983	0,01	229
90610	230/12 V TRANSFORMER - 75 VA FOR 5 TO 15 TAPS- MOUNTING ON DIN RAIL	1,045	28, 29, 86, 94, 109, 116, 122, 128, 132, 133, 144
90613	P 12 WITH DISCONNECTOR	0,545	241
90614	STANDARD TAP WITH DISCONNECTOR	0,45	241
90615	TRIGGER FOR DL 800 S - 50 / 90 SEC	0,45	241
90616	20 SCREWS TOP COVER DL	0,1	230
90617	FRONT PLATE P500 SB AFTER 07/2005	0,25	231
90625	LEGIONELLA SET : CAP FOR 4000 S	0,5	75
90626	LEGIONELLA SET : CAP FOR 600 RANGE	0,5	75
90627	LEGIONELLA SET :CAP FOR 2000 RANGE	0,5	75
90628	LEGIONELLA SET : BRACKET FOR P 50	0,5	75
90629	LEGIONELLA SET : BRACKET FORALPA	0,5	75
90630	ALPA (LONG) BLACK KNOB	0,3	232
90631	RED/BLUE PLATES FOR MAESTRO MIXER	0,02	198
90632	LEGIONELLA SET : MANIFOLD 9 CONNEXIONS	0,7	74, 75
90633	LEGIONELLA SET : POLYAMIDE 25 ML	1	74, 75
90634	LEGIONELLA SET : SOLENOID VALVE	0,2	74, 75
90635	LEGIONELLA SET : KEY BOX CONTROLLER	2	74

Ref.	Description	Weight	Pages
90636	HOOK FOR PUSH BUTTON SHOWER HEAD OF CLINICAL PAN SPRAYER	0,115	110, 172, 241
90637	SET OF STRAIGHTENER FOR SHOWER HEAD 45° AND 120° OF CLINICAL PAN SPRAYER	0,03	172, 241
90638	HOSEPIPE FOR CLINICAL PAN SPRAYER	0,343	172, 241
90639	HOOK FOR SHOWER HEAD 45° AND 120° OF CLINICAL PAN SPRAYER	0,05	110, 172, 241
90640	SPRAY HEAD FOR CLINIC SINK SPRAYER 45°	0,381	110, 172, 241
90641	SPRAY HEAD FOR CLINIC SINK SPRAYER 120°	0,418	172, 241
90642	PUSH BUTTON SHOWER HEAD FOR CLINICAL PAN SPRAYER	0,29	172, 241
90646	MAINTENANCE KIT 3000, 7000 : COMPLETE LEVER CARTRIDGE - PRODUCTION FROM JANUARY 1ST 2004	0,103	221, 222
90647	MAINTENANCE KIT 3000, 7000, 605, 705, : AERATOR - PRODUCTION FROM JANUARY 1ST 2005	0,009	220, 221
90648	SET OF O RINGS FOR LEVER (SINCE 01/01/2004)	0,003	221, 222, 224
90650	6 V LITHIUM BATTERY TYPE 2CR5 FOR SQUALE 5000/5500/5600/5700, SENSAO 5200/5300/8200/8300/8400	0,065	85, 226, 236, 240
90651	SOLENOID VALVE FOR SQUALE 5000/5500/5600/5700, SENSAO 5200/5300/8200/8300/8400	0,055	85, 226, 229, 231, 236, 240
90652	BATTERY CELL CIRCUIT FOR SQUALE 5600, 5700	0,055	85, 226, 229, 231, 236, 240
90653	MAINS CELL CIRCUIT FOR SQUALE 5000, 5500	0,055	85, 226, 229, 231, 236, 240
90654	REFLECTOR FOR PROGRAMMING (X2)	0,011	226, 236
90655	TOP COVER WITHOUT LEVER FOR SQUALE	0,32	226, 236
90656	TOP COVER WITH LEVER FOR SQUALE	0,32	226, 236
90657	SEAL KIT FOR SQUALE 5000/5500/5600/5700	0,005	226, 236
90659	NON-RETURN CHECK VALVE FOR HOSE G3/8" (X2)	0,005	224
90660	MAINS CELL FOR SENSAO 5100/5200/5300	0,12	226
90661	BATTERY CELL FOR SENSAO 5100/5200/5300	0,096	226
90662	SOLENOID VALVE FOR MAINS SUPPLY SENSAO 6000/6100	0,11	226, 236
90663	SEAL KIT FOR SENSAO 5100/5200/5300	0,007	226
90664	STANDARD SPOUT SILK CHROME FOR SENSAO 5100/5200/5300	0,29	226
90665	STANDARD SPOUT IVORY WHITE EPOXY FOR SENSAO 5100/5200/5300	0,3	226
90666	LONG SPOUT SILK CHROME FOR SENSAO 5100/5200/5300	0,4	28, 226
90667	LONG SPOUT IVORY WHITE EPOXY FOR SENSAO 5100/ 5200/ 5300	0,34	226
90668	MAINS CELL FOR WALL MOUNTED SENSAO URINAL	0,109	236
90669	BATTERY CELL FOR SENSAO 8200/8300/8400	0,095	236
90670	10 L/MN HOW REGULATION FOR SENSAO 8100/8200/8300/8400	0,005	85, 236
90671	ELECTRONIC CIRCUIT FOR SENSAO 8400	0,092	236
90673	OPTICAL CELL FOR SENSAO 6000 ET 6100	0,21	226
90674	CONTROL CELL ONLY MAINS SUPPLY P.NO 52430	0,65	226
90675	CONTROL CELL ONLY BATTERY SUPPLY P.NO 52420	0,65	226
90676	SOLENOID VALVE FOR BATTERY SUPPLY P.NO 52420	0,25	226
90677	STOP VALVE G 3/8" - G1/2"		228
90678	9V TRANSFORMATOR TO PLUG IN	0,23	228
90679	9V TRANSFORMATOR IP65	0,51	228
90683	IP 65 MAINS CELL CIRCUIT FOR SQUALE 5000 5500	0,11	228

Ref.	Description	Weight	Pages
90685	TRANSFORMER IP65 12V-18VA	0,8	28, 29, 86, 94, 109, 116, 122, 128, 132, 133, 144
90686	TRANSFORMER IP65 12V-75VA	1,5	28, 29, 86, 94, 109, 116, 122, 128, 132, 133, 144
90699	T FOR CAPILLARY REF.90633	0,015	75, 230
90701	SET OF 10 O RINGS FOR URINAL NOZZLES	0,036	235
90703	IR CELL FOR P 6000/6100	0,21	226
90704	TRANSFORMER IP65 12V-35VA	1,2	28, 29, 86, 94, 109, 122, 128, 132, 133, 144
90705	SHORT SPOUT WHITE EPOXY FINISHED FOR SENSAO 5300/5100/5200	0,165	28, 29, 132, 226
90706	SHORT SPOUT CHROME FINISHED FOR SENSAO 5300/5100/5200	0,16	28, 29, 132, 226
90707	ADJUSTMENT KIT FOR CONCEALED SENSAO / FRAME AND DRY BOARD	0,16	28, 29, 132, 226
90710	SET TO ADAPTED P60 TO SENSAO	0,175	86
90711	TRANSFO. 230/12 V - 35 VA	0,5	28, 29, 86, 94, 109, 116, 122, 128, 132, 133, 144
90719	MEMBRANE START / STOP FOR DL 800	0,06	231
90722	BUTON P500 S	0,15	231
90725	SHOWER HEAD + SCREWS	0,5	229
90726	SOAP HOLDER + SCREWS FOR PRESTOTEM	0,1	229
90727	FRONT PLATE P50 + SCREWS FOR PRESTOTEM	0,1	229
90728	FRONT PLATE ALPA + SCREWS FOR PRESTOTEM	0,1	229
90729	FRONT PLATE THERMOSTATIC + SCREWS FOR PRESTOTEM	0,1	229
90730	FRONT PLATE IR CELL + SCREWS FOR PRESTOTEM	0,1	229
90731	PLATE + SCREWS FOR PRESTOTEM	0,1	229
90732	COVER WITHOUT HOLES FOR PRESTOTEM	0,25	229
90733	COVER WITH HOLES FOR PRESTOTEM	0,25	229
90734	COVER FOR HAND SHOWER VERSION	0,25	229
90735 90739	25 O-RINGS FOR ECLAIR KNOB FOR THERMOSTATIC VALVE	0,25	237
90741	ASSEMBY KIT FOR PARTITION 56 TO 145 MM	0,99	94, 114, 115, 126, 127, 133
90743	HAND SHOWER	0,2	44, 50, 169, 170, 171, 229, 231
90744	HOSE 1750 MM	0,4	44, 49, 50, 229, 231
90749	SET OF 25 LIP SEALS AND WASHERS FOR P1000XL		238
90753	HIGH SPOUT FOR PRESTO 5750	0,67	228
90754	LOW SPOUT FOR PRESTO 5750	0,67	228
90763	FLEXIBLE HOSE FOR SINK SPRAYER 1 M. LONG	0,343	172, 241
90770	SET FOR ALPA MIXING VALVE : CHROME PLATED KNOB	0,150	225, 232

Ref.	Description	Weight	Pages
90774	SUPERIOR COVER FOR VOLTA	0,300	227
90776	5 INVISIBLE AERATORS WITH A KEY KNOB FOR TOUCH PILE MIXER TAP + SIMPLE WALL-	0,050	227, 228
90777	MOUNTED TAP KNOB TOUCH - TRANSFORMER FOR MIXER TAP	0,07	227
90778	KNOB TOUCH BATTERY/TRANSFORMER FOR SINGLE TAP	0.07	227
90779	SOLENOID VALVE FOR PRESTO TOUCH SINGLE	0,25	227
90780	QUICK COUPLING J GUEST (X20)	0,060	230
90781	IR CELL - BATTERY REMOTE CASE- CABLE		227, 228
90784	WASTE OUTLET MECHANISM FOR MOUNTING FRAME WITH CISTERN	0,300	239, 240
90785	CABLE CONTROL FOR MOUNTING FRAME WITH CISTERN	0,010	239, 240
90786	SEAL FOR WASTE OUTLET CISTERN (X5)	0,090	239, 240
90787	FILLING FLOAT TAP FOR CISTERN	0,300	239, 240
90789	MEMBRANE OF FLOAT TAP FOR MOUNTING FRAME WITH CISTERN (X5) WASTE OUTLET FOR MOUNTING FRAME WC SINGLE AND	0,050	239, 240
90790	DOUBLE VOLUME WASTE OUTLET FOR MOUNTING FRAME PNEUMATIC	0,700	239
90791	PAIR OF CONNECTION TUBES FOR PNEUMATIC CONTROL	0,250	239
90796	SET OF 2 NON RETURN VALVES FOR PRESTOTHERM 55L		241
90797	SET OF 2 NON RETURN VALVES FOR PRESTOTHERM 84L&280L		241
90798	SET OF 2 NON RETURN VALVES FOR PRESTOTHERM 134L&450L		241
90799	SET OF 2 NON RETURN VALVES FOR PRESTOTHERM 188L		241
90801	KEY FOR P1000XL	0,3	238
90804	STRAIGHTENER F22 X2	0,037	238
90805	STRAIGHTENER CARTRIDGE X 5	0,015	238
90806	STRAIGHTENER F22 X 8 5 MIXING PARTS FOR SQUALE	0,12 0,012	238 238
90808	STRAIGHTENER M24 X 2	0,012	238
90825	COMPLETE PRIMER REGULATED AT 6L/MN	0,12	238
90826	SET OF 5 PISTONS FOR P1000XL	0,6	238
90827	COMPLETE CONTROL BUTTON FOR P1000XL	0,24	238
90829	TRIGGER FOR 7100 XL-7200 XL AND 7300 XL	0,050	239
90830	HOSE 3/8" WITH NON RETURN VALVE NF	0,194	222, 223, 224, 227, 228
90834	SPRING AND DISC	0,055	225, 232
90835	SPRING FOR 600 CARTRIDGE	0,054	220
90836	KEY FOR PRESTO S4	0,350	233
90837	FIXATION KIT FOR 4000S	0,093	224
90840	TUBE 8X6 MM FOR SENSAO	0,045	226
90841	LIP SEAL FOR 600 CARTRIDGE	0,004	220
90842	SPRING AND DISC FOR P1000 M LIP SEAL FOR ECLAIR	0,027	238 225, 231, 232, 235,
90844	SOCKET SIPHONING ACTION (X10) FOR WC	0,043	237 237
90845	FILTER FOR FLUSH VALVE	0,041	237
90846	5 SPRINGS AND PLATES FOR 712	0,05	221
90847	5 SPRINGS AND PLATES FOR 705-704-7000	0,5	221
90848	SPRING FOR P50 AND ECLAIR	0,060	231, 235, 237
90850	COVER AND SCREWS FOR DL 400S	0,022	230
90853	BUTTON P50 B AND P60 B	0,167	231, 235
90856	RING FOR DL 400S EPOXY	0,099	230
90857	RING FOR DL 400S CHROMED	0,099	230
90858	PRONT PLATE FOR PRESTO 7100 AND 7200	0,600	239
90859	NON RETURN CONNECTOR FOR SOAP DISPENSER	0,048	217, 222
90871	FRONT PLATE FOR PRESTO 120 B  COMPLET LEVER	0,700	235 221
90874	FRONT PLATE ALPA CONCEALED 250X250 MM	1,190	232
90875	25 WASHER G1/2"	0,017	221, 225

Ref.	Description	Weight	Pages
90879	KEY FOR PRESTO 4000 S	0,12	224
90880	BLACK KNOB FOR 4000 S	0,111	224
90881	CYLINDER FOR 4000 S	0,072	224
90885	HAND SHOWER FOR DL 800 S	0,072	224
90887	THERMOSTATIC CARTRIDGE FOR DL 800S	0,065	44, 229, 231
90888	IR CELL BATTERY FOR PRESTO DL800S	0,1	229, 231
90890	50 DISCS 44X33X0,5 FOR DL 400S	0,022	230
90899	SETT OF 10 STRAIGHTENERS		228
90901	SPRING FOR P2000 AND 500 S	0,010	223
90902	CYLINDER FOR ALPA	0,018	225, 232
90903	TRIGGER MEMBRANE FOR DL 400 S	0,015	230
90904	SHOWER HEAD RING FOR DL 400 S	0,088	230
90909	SHOWER REFLECTOR	0,100	231
90911	FRONT PLATE FOR ALPA CONCEALED 180X180	0,337	232
90912	FILLING TAP FOR CISTERN	0,337	232
90913	COMPLET FLUSHING MECHANISM BEFORE 06/2008	0,337	232
90914	MEMBRANE FILLING TAP	0,337	232
90915	MEMBRANE BLACK FILLING TAP BEFORE 06/2008	0,337	232
90916	CABLE CONTROL FOR VANDALISME PROOF FRONT PLATE	0,06	239
90917	IR CELL BATTERY FOR PRESTO 7200 XL	0,110	239
90918	IR CELL FOR 7100 XL AND 7300 XL	0,110	239
90919	FRONT PLATE FOR P1000XL		238, 239
90920	VANDAL-PROOF FRONT PLATE FOR P1000XL		238, 239
90921	FRONT PLATE SS FOR 7100 XL AND 7200 XL	0,520	239
90922	FRONT PLATE SS FOR 7300 XL		239
90923	5 PISTONS FOR 7100 XL-7200 XL AND 7300 XL	0,050	239
90929	CABLE 120CM FOR REF.18577	0,080	239
90930	TRIGGER FOR IN-DUCT P1000XL	0,17	238, 239
90931	SOLENOID VALVE FOR 7100 XL-7200 XL AND 7300 XL	0,200	239
90935	CELL BATTERY FOR REF.18578	0,110	239, 240
90936	MECANISM COMPLET REF.18578	0,110	239, 240
90941	BATTERY 5750 / VOLTA	0,060	85, 227, 228, 230, 236
90942	SENSOR VOLTA BATTERY	0,060	227
90943	SENSOR VOLTA TRANSFORMER	0,060	227
90944	SOLENOID VALVE VOLTA	0,060	227, 228
90945	SENSOR VOLTA BATTERY CARE	0,060	227
90946	SENSOR VOLTA TRANSFORMER CARE	0,060	227
90947	FRONT PLATE + IR CELL FOR PRESTO 7100	0,720	239
90948	FRONT PLATE + IR CELL FOR PRESTO 7300	0,750	239
90949	FRONT PLATE + IR CELL FOR PRESTO 7200	0,550	239
90950	SENSOR FOR P7100-P7300 FLUSHVALVE	0,11	239
90952	PLATE AND ACCESSORIES FOR PRESTO 509	0,18	225
90956	TRANSFORMER VOLTA	0,330	227, 228
90957	SEAL FOR P5750 MIXER	0,03	228
90958	SENSOR 5750 / VOLTA BATTERY	0,060	228
90960	MEMBRANE GREY FILLING TAP AFTER 06/2008	0,060	228
90961	COMPLET FLUSHING MECHANISM AFTER 06/2008	0,060	228
90962	COMPLET FLUSHING MECHANISM SENSOR AFTER 06/2008	0,060	228
90963	KIT FOR FLEXIBLE HOSE SHOWER DL 400 S	0,125	230

Ref.	Description	Weight	Pages
90968	SOLENOIDE VALVE FOR P5750 AND TOUCH MIXER TAP	0,07	227
90969	START /STOP SENSOR		228
90972	SOLENOID VALVE MODULAR 6 VOLT 1/2" FOR SENSAO 6000 / 6100 (AFTER 2009)	0,125	226
90976	BASKET FILTER SEAL		227, 228
90978	MEMBRANE AND FRONT PLATE FOR DL800	0,150	231
91001	TOOL BOX	0,625	24
91001	TOOL BOX	0,625	24

# **NOTES**

NUTES

## GENERAL SALES CONDITIONS

## I. GENERAL INFORMATION

- 1 Any order given by the purchaser implies acceptance of these general sales conditions
- The invalidity of any clause of these general sales conditions will not affect the validity of the other clauses.
- 2 Any clauses printed in the margins or in the body of the text of orders or letters from the purchaser, contrary to these general conditions, do not apply to us unless they were the subject of written acceptance by us.
- 3 The weights, specifications, sizes and information available in our price-lists, catalogues and literature are only given for references purposes and do not bind us. Our models may be changed or cancelled in our catalogue at any time, without prior notice and without giving rise to any substantiation for claims or indemnity. Our prices may also be modified under the same conditions.
- 4 Technical recommendations and studies are carried out free of charge and provided for information purposes. In no case whatsoever do they engage the responsibility of our Company and are not to be considered as working data.

The user is responsible for checking and verifying that such data take into account the general rules applicable to this type of achievement, as well as to any special use conditions.

5 - Installation and assembly of certain equipment nonetheless require that specific conditions be observed and necessary provisions be provided, as well as powering of electrical systems and supplying of cold and hot or mixed water facilities, as well as all necessary water sewerage systems.

## II. QUOTATIONS AND PRICES

- 1 Any order for equipment products, will be considered as being firm on the day of its reception by us.
- 2 All deliveries are invoiced at the price in force on the day of shipment or removal. Prices are indicated tax excluded.
- 3 No request for cancellation shall be taken into account after partial or total completion of works, unless stipulated otherwise. The Company reserves itself the right to deliver and invoice all goods and materials which may have already been implemented the date the cancellation request is received. Orders are accepted without any liability of delivering the entire order in one shipment.

## III. PAYMENT TERMS AND CONDITIONS (EXCEPT FRANCE)

### 1 - Due Date

Invoices are payable at the head office net and not subject to discount and paid by irrevocable confirmed documentary credit at sight, unless otherwise agreed.

No preferential facilities can be agreed except in special circumstances, for a specific project or for a fixed period. We reserve the right to suspend any payment terms in the event of changes in commercial circumstances and to ask the Purchaser to provide a guarantee, approved by us, that he will discharge his contractual obligations satisfactorily.

Initial deliveries to new customers will be made on a «cash on delivery» basis or by advanced payment.

## 2 - Payment

Any late payment at set due times automatically results in the application of a penalty for a sum at least equal to that which would be obtained through the application of an interest rate one and one-half times that of the legal interest rate.

Also, anticipated payment will not give rise, in any case whatsoever, to a discount.

Payment defaulting at a due date makes immediately payable all other payment due or to fall due, and this by full right without prior notification.

In the event of non-payment, we reserve the right to cancel all orders or contracts in progress or to suspend contract performance.

3 - Compensatory retentions

No claim concerning the quality of a supply can be used to suspend payment corresponding to this supply unless the defects were accepted by us prior to the due date. Suspension of payment, if applicable, can only concern simply the invoicing value of the disputed parts.

The purchaser is not allowed to retain due payments, no matter what the juridical reason evoked may be, nor to carry out compensatory retention on the total sums of our invoices, no matter what might be the type of claim.

## IV. RIGHT OF PROPERTY

We remain the owner of delivered goods until the performance of all contractual agreements by the purchaser and in particular, but not limited to, the whole payment of said goods.

## V. DELIVERY DATES

Delivery dates or dates of availability, are given for information purposes only.

Any late delivery or staggered delivery cannot, in any case whatsoever, give rise to indemnity or damages.

Observation of delivery dates assumes, in all cases on the one hand, observation of contractual agreements by the purchaser and, in particular, all payment conditions and agreements on the other hand, the non occurrence of unforeseen events or circumstances being beyond our control (i.e. cases of force majeure).

## VI. DELIVERIES

- 1 Supplies are always sold as if being removed and approved by the purchaser in our premises and payable as such. The delivery or removal date is taken into account as the invoicing date.
- 2 No matter what might be the sales conditions, all goods travel under the risk and responsibility of the addressee, even in the event of paid carriage delivery or possibly carriage free. We refuse all responsibility for damage, losses, deterioration of any type whatsoever, as well as any late delivery that may occur and affect goods during transport.
- 3 Where applicable, the addressee makes the claims required at reception of goods and undertakes recourse against the hauler (Code de Commerce Article 100).

Therefore, the addressee at reception should check delivered equipment in the presence of the representative of the hauler, even if packaging seems intact and, in the event of damage, missing or replaced items, make the necessary claims on the delivery documentation.

In addition, the addressee is responsible for making any necessary claims and in undertaking recourse against the hauler in the appropriate form and time frame scheduled by law (Code de Commerce Article 105).

Packaging is not returnable, even if invoiced.

## VII. CONFORMITY OF EQUIPMENT

- 1 No claims concerning the composition of the delivery, the quantity delivered, the weight or its nonconformity with the delivery bill will be accepted if not received by us within 8 days following reception of the goods by the addressed customer.
- 2 A credit note shall only be issued after reception and checking of the quantity and quality of the returned equipment, as well as the packaging.

Any returned goods, whether or not altered, even to a minor degree, will be put aside for the shipper or will be the subject of a decrease in price in relation to the invoicing price confirmed by letter, corresponding to inspection, reconditioning, restocking expenses, etc.

3 - As sanitary equipment is not provided with heating or anti-freeze systems in the technical ducting, it must mandatorily be bled to prevent any risk of deterioration (refer to our technical instructions).

## VIII. RETURN OF PRODUCTS

- 1 All returns of products must be preceded of our written agreement and will be sent with carriage paid to the address on the return voucher attached to the products returned.
- 2 The returns would be as new and in there original packaging
- 3 The returns will be accepted subject to our agreement, in exchange for a pricing drop.

This pricing drop could be completed by potential costs of the returns repair as determined by our technical aid department.

## IX. GUARANTEE

1 - In addition to the legal guarantee, our fittings are guaranteed against any material faults and manufacturing defects for a period of 10 years as from the local reseller's purchasing or invoice date, starting from 1st January 2003.

This guarantee is limited to 3 years for the electronic taps and as well as the following equipments: Prestotherm and accessories,

Mounting frames,

Professional taps (Kitchen – Maestro® range and Industry) (Mixing valves, emergency body and eve shower, etc....)

PRESTO Care® line: PRESTO Pack®, support rails, ceramics, ergonomic control mixer taps and accessories, Floor drains.

2 - The application of the guarantee is subordinated to the observance of our instructions and directives with regard to assembly, installation, implementation, checking and maintenance of the products. The building-in of products shall be in such a manner that they can be removed without any damage whatsoever.

3 - The guarantee exclusively covers the repair or replacement, free of charge, of parts acknowledged as being defective or, where impossible, by a part satisfying the same usage, expressly excluding any ancillary expenses such as labour, travel and transport, packaging damages, especially with regard to deprivation of use. The purchaser promises to return parts recognized as being defective which would have been replaced by new parts within a time delay of two months maximum, and this at his expense. The repair, the modification or the replacement of these parts during the time of guarantee has no effect on the extension of this guarantee. In no case whatsoever can the application of the guarantee substantiate late payment.

4 - If our products are incorporated in assemblies which are not manufactured by us, the guarantee as defined above only applies to our parts acknowledged as being defective.

The responsibility of our company excludes totally a design, manufacture or assembly fault in the overall installation or a defect in parts which are not manufactured by us.

5 - The guarantee does not cover natural wear and tear of parts nor faults or damage which may be the result of bad use, a modification, incorrect installation or assembly of the product, unsatisfactory maintenance, abnormal use or a material accident, or unsatisfactory storage.

Furthermore, this guarantee does not cover the absence or deficiency of maintenance, nor the use of inappropriate abrasive corrosive or chlored products for cleaning purposes that are notsuitable for the surface treatment of our products, nor chemical etching or corrosion of the various components of the fittings through solvents or disinfectants, nor the damage due tothe quality of water or the presence of foreign particles in the water, nor the unforeseeable chemical or electrolytic phenomena which may occur during start-up of equipment and products.

Moreover the guarantee does not cover damage caused to persons or goods, other than the products covered by the guarantee and acknowledged as being defective, nor the loss of income due to the discontinuance of business.

- 6 After leaving our premises, any fitting with a surface treatment modified by the customer, whether consequently causing or not disassembly of the product, or any equipment which has been subject to transformations or modifications, even slight, will not be covered by the clauses of the contract.
- 7 For certain equipment we sell, the guarantee can only fully apply if recommended consumables are regularly and scrupulously used, such as liquid soaps, detergents disinfectants, bactericides and anti-liming blue cleaning products, etc. required for their correct operation.

## X - DISPUTES

In the event of a claim concerning a supply or the payment of a supply, the courts on which our head office depend are the only ones competent, even in the event of several defendants or for appeal to guarantees.

Payments by letter of credit or any other method of payment by acceptance do not operate as a substitution or a derogation to this juridical attribution clause.



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