

## HANDWASHING UNITS



### C618 - C619

SOEMA has come up with a whole range of electronic hand-washing units constantly complying with:

- what the Department of Industrial Hygiene has established in "guidelines for the definition of standards of safety and hygiene in operating departments".
- what is provided for by Law 193/07 (former 155/97) concerning HACCP (Hazard Analysis And Critical Control Point) for premises of food industry and by Law 626/94 regarding the measures to protect the health and safety of workers at work.

The handwashing units are entirely made of stainless steel: they consist of one single block including a sink and an upper panelling forming an even surface without sharp corners and edges. The upper part of the panelling has an inclination of 30° to prevent any build-up of dirt. The outside of the handwashing unit is shot peened: shot peening is a special treatment that smoothens and hardens the outer surface of the material thus making it much easier to be cleaned. The upper panelling can be fitted with

- electronic taps with or without automatic shutoff device
- dispensers of soap or disinfectant with electronically adjustable quantity of soap delivered through a self-priming peristaltic pump fitted with anti-dripping system
- thermostatic mixers with temperature hold button (to be pushed to exceed 38°).

The hydraulic parts are in solid brass while all parts in contact with water are perfectly smooth to minimize the risk of creating biofilms and, therefore, of bacterial growth.

The units are basculating in order to allow easy accessibility to all components for maintenance, inspection and disinfection.

#### TECHNICAL DETAILS:

*Operating time:*

**Water delivery :**

As soon as the user's hands are detected.

**Soap delivery:**

As soon as the user's hands are detected

**Water delivery interruption:**

1" after the user's hands are removed.

**Soap delivery interruption:**

Adjustable from 1" to 3".

*Specifications:*

**Operating pressure :**

1 - 10 bar

**Power supply:**

Transformer Classe II IP40 - 230/18Vac 50/60Hz -

8Vac (C618) or 16Vac (C619)

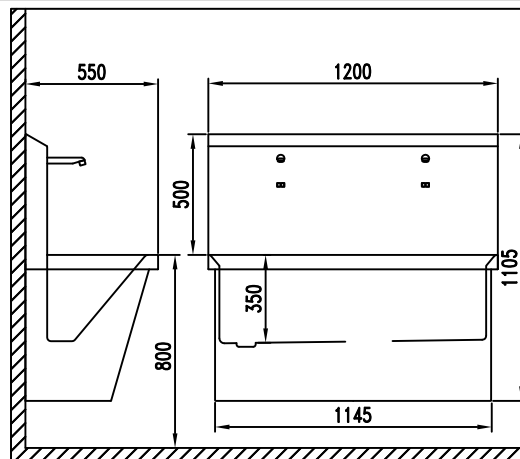
**Water flow at 3 bar :**

8 l/min

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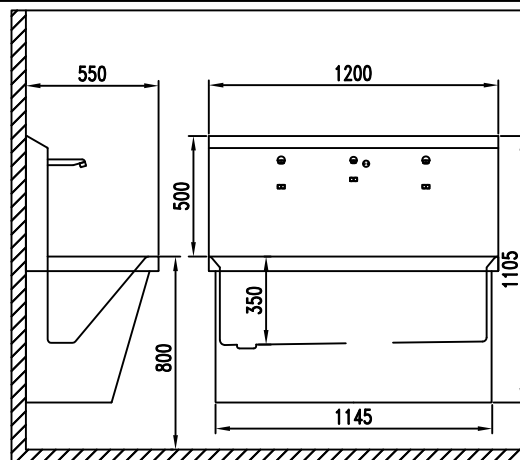
### C618RT

Hand-washing unit with rectangular sink, panelling under basin and two electronic taps for cold or premixed water. The suspended handwashing unit in 15/10-thick AISI 316 stainless steel is basculating to allow easy access to all components for inspection, maintenance and disinfection. The sink has rounded edges, without overflow (size: 1200x550x1105; depth: 350 mm). The sink, upper panelling and panelling under basin consist of one single block and form an even surface without sharp corners and edges. The outer edge of the sink is overflow-proof. The front part has rounded inside edges and an inclination of 50° to prevent water from spraying outside. The drain has been obtained directly in the base of the sink. The upper panelling has an inclination of 30° to prevent any build-up of dirt. The finish is in micro-bead-blasting. The hydraulic part of the tap is in solid brass while the chrome-plated spout obtained from full brass (diam. 24mm) has perfectly smooth inner surfaces to reduce the risk of bacterial growth. (total length of the spout: 150mm). The upper panelling includes a solenoid valve with filter, an 8 l/min. automatic flow regulator and the infrared electronic tap circuits. To facilitate cleaning, an ON/OFF button hidden below the handwashing unit interrupts water or soap delivery. Equipped with a 230/18Vac safety transformer, two brass stopcocks with check valve and inspectionable filters, a flexible connecting pipe and a U trap with drain pipe. CE certified.



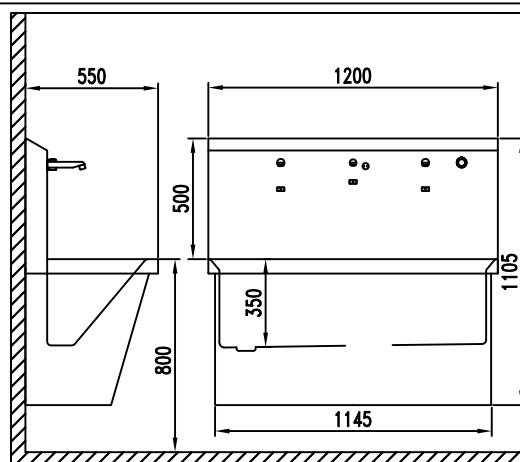
### C618SRT

Hand-washing unit with rectangular sink, panelling under basin, two electronic taps for cold or premixed water, one electronic soap dispenser. The suspended handwashing unit in 15/10-thick AISI 316 stainless steel is basculating to allow easy access to all components for inspection, maintenance and disinfection. The sink has rounded edges, without overflow (size: 1200x550x1105; depth: 350 mm). The sink, upper panelling and panelling under basin consist of one single block and form an even surface without sharp corners and edges. The outer edge of the sink is overflow-proof. The front part has rounded inside edges and an inclination of 50° to prevent water from spraying outside. The drain has been obtained directly in the base of the sink. The upper panelling has an inclination of 30° to prevent any build-up of dirt. The finish is in micro-bead-blasting. The hydraulic part of the tap is in solid brass while the chrome-plated spout obtained from full brass (diam. 24mm) has perfectly smooth inner surfaces to reduce the risk of bacterial growth. (total length of the spout: 150mm). The soap spout is in chrome-plated brass (diam. 24 mm; length. 75 mm). The upper panelling includes a solenoid valve with filter, an 8 l/min. automatic flow regulator and the infrared electronic tap circuits. It also includes a soap dispenser consisting of 1 l single-block container in molded polyethylene fitted with empty/full probes, a self-priming peristaltic pump for the delivery of an electronically adjustable quantity of soaps or disinfectants of varying density, an infrared electronic circuit featuring a built-in anti-dripping device and two coloured LED lights to indicate the remaining soap quantity. To facilitate cleaning, an ON/OFF button hidden below the handwashing unit interrupts water or soap delivery. Equipped with a special funnel for soap refilling fitted with a magnet (allowing to recharge the pump quickly if brought near the photocells), a 230/18Vac safety transformer, two brass stopcocks with check valve and inspectionable stainless steel filter and a stainless steel connecting flexible pipe and a U trap with drain pipe. CE certified



### C618MXSRT

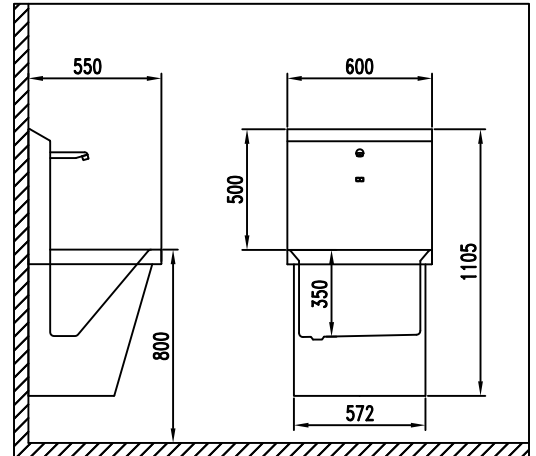
Hand-washing unit with rectangular sink, panelling under basin, two electronic taps, one electronic soap dispenser and one thermostatic mixer. The suspended handwashing unit in 15/10-thick AISI 316 stainless steel is basculating to allow easy access to all components for inspection, maintenance and disinfection. The sink has rounded edges, without overflow (size: 1200x550x1105; depth: 350 mm). The sink, upper panelling and panelling under basin consist of one single block and form an even surface without sharp corners and edges. The outer edge of the sink is overflow-proof. The front part has rounded inside edges and an inclination of 50° to prevent water from spraying outside. The drain has been obtained directly in the base of the sink. The upper panelling has an inclination of 30° to prevent any build-up of dirt. The finish is in micro-bead-blasting. The hydraulic part of the tap is in solid brass while the chrome-plated spout obtained from full brass (diam. 24mm) has perfectly smooth inner surfaces to reduce the risk of bacterial growth. (total length of the spout: 150mm). The soap spout is in chrome-plated brass (diam. 24 mm; length. 75 mm). The upper panelling includes a solenoid valve with filter, an 8 l/min. automatic flow regulator, the thermostatic mixer with temperature hold button (to be pushed to exceed 38°) and the infrared electronic tap circuits. It also includes a soap dispenser consisting of 1 l single-block container in molded polyethylene fitted with empty/full probes, a self-priming peristaltic pump for the delivery of an electronically adjustable quantity of soaps or disinfectants of varying density, an infrared electronic circuit featuring a built-in anti-dripping device and two coloured LED lights to indicate the remaining soap quantity. To facilitate cleaning, an ON/OFF button hidden below the handwashing unit interrupts water or soap delivery. Equipped with a special funnel for soap refilling fitted with a magnet (allowing to recharge the pump quickly if brought near the photocells), a 230/18Vac safety transformer, two brass stopcocks with check valve and inspectionable stainless steel filter, two stainless steel connecting flexible pipes and a U trap with drain pipe. CE certified.



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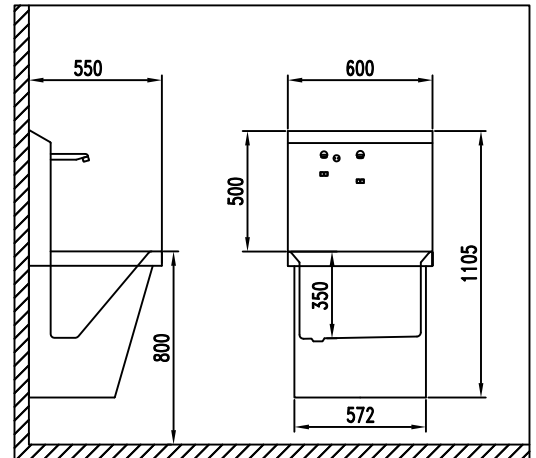
### C619RT

Hand-washing unit with rectangular sink, panelling under basin and one electronic tap for cold or premixed water. The suspended handwashing unit in 15/10-thick AISI 316 stainless steel is basculating to allow easy access to all components for inspection, maintenance and disinfection. The sink has rounded edges, without overflow (size: 600x550x1105; depth: 350 mm). The sink, upper panelling and panelling under basin consist of one single block and form an even surface without sharp corners and edges. The outer edge of the sink is overflow-proof. The front part has rounded inside edges and an inclination of 50° to prevent water from spraying outside. The drain has been obtained directly in the base of the sink. The upper panelling has an inclination of 30° to prevent any build-up of dirt. The finish is in micro-bead-blasting. The hydraulic part of the tap is in solid brass while the chrome-plated spout obtained from full brass (diam. 24mm) has perfectly smooth inner surfaces to reduce the risk of bacterial growth. (total length of the spout: 150mm). The upper panelling includes a solenoid valve with filter, an 8 l/min. automatic flow regulator and the infrared electronic tap circuit. To facilitate cleaning, an ON/OFF button hidden below the handwashing unit interrupts water or soap delivery. Equipped with a 230/18Vac safety transformer, one brass stopcock with check valve and inspectionable filter, one flexible connecting pipe and a U trap with drain pipe. CE certified.



### C619SRT

Hand-washing unit with rectangular sink, panelling under basin, one electronic tap and one electronic soap dispenser. The suspended handwashing unit in 15/10-thick AISI 316 stainless steel is basculating to allow easy access to all components for inspection, maintenance and disinfection. The sink has rounded edges, without overflow (size: 600x550x1105; depth: 350 mm). The sink, upper panelling and panelling under basin consist of one single block and form an even surface without sharp corners and edges. The outer edge of the sink is overflow-proof. The front part has rounded inside edges and an inclination of 50° to prevent water from spraying outside. The drain has been obtained directly in the base of the sink. The upper panelling has an inclination of 30° to prevent any build-up of dirt. The finish is in micro-bead-blasting. The hydraulic part of the tap is in solid brass while the chrome-plated spout obtained from full brass (diam. 24mm) has perfectly smooth inner surfaces to reduce the risk of bacterial growth. (total length of the spout: 150mm). The soap spout is in chrome-plated brass (diam. 24 mm; length. 75 mm). The upper panelling includes a solenoid valve with filter, an 8 l/min. automatic flow regulator and the infrared electronic tap circuit. It also includes a soap dispenser consisting of 1 l single-block container in molded polyethylene fitted with empty/full probes, a self-priming peristaltic pump for the delivery of an electronically adjustable quantity of soaps or disinfectants of varying density, an infrared electronic circuit featuring a built-in anti-dripping device and two coloured LED lights to indicate the remaining soap quantity. To facilitate cleaning, an ON/OFF button hidden below the handwashing unit interrupts water or soap delivery. Equipped with a special funnel for soap refilling fitted with a magnet (allowing to recharge the pump quickly if brought near the photocells), a 230/18Vac safety transformer, one brass stopcock with check valve and inspectionable stainless steel filter, one stainless steel connecting flexible pipe and a U trap with drain pipe. CE certified.



### C619MXSRT

Hand-washing unit with rectangular sink, panelling under basin, one electronic tap, one electronic soap dispenser and one thermostatic mixer. The suspended handwashing unit in 15/10-thick AISI 316 stainless steel is basculating to allow easy access to all components for inspection, maintenance and disinfection. The sink has rounded edges, without overflow (size: 600x550x1105; depth: 350 mm). The sink, upper panelling and panelling under basin consist of one single block and form an even surface without sharp corners and edges. The outer edge of the sink is overflow-proof. The front part has rounded inside edges and an inclination of 50° to prevent water from spraying outside. The drain has been obtained directly in the base of the sink. The upper panelling has an inclination of 30° to prevent any build-up of dirt. The finish is in micro-bead-blasting. The hydraulic part of the tap is in solid brass while the chrome-plated spout obtained from full brass (diam. 24mm) has perfectly smooth inner surfaces to reduce the risk of bacterial growth. (total length of the spout: 150mm). The soap spout is in chrome-plated brass (diam. 24 mm; length. 75 mm). The upper panelling includes a solenoid valve with filter, an 8 l/min. automatic flow regulator, the thermostatic mixer with temperature hold button (to be pushed to exceed 38°) and the infrared electronic tap circuit. It also includes a soap dispenser consisting of 1 l single-block container in molded polyethylene fitted with empty/full probes, a self-priming peristaltic pump for the delivery of an electronically adjustable quantity of soaps or disinfectants of varying density, an infrared electronic circuit featuring a built-in anti-dripping device and two coloured LED lights to indicate the remaining soap quantity. To facilitate cleaning, an ON/OFF button hidden below the handwashing unit interrupts water or soap delivery. Equipped with a special funnel for soap refilling fitted with a magnet (allowing to recharge the pump quickly if brought near the photocells), a 230/18Vac safety transformer, two brass stopcocks with check valve and inspectionable stainless steel filter, two stainless steel connecting flexible pipes and a U trap with drain pipe. CE certified.

