



Warewashing Undercounter WSC, single skin, water softener & rinse aid dispenser, 540d/h

ITEM #

MODEL #

NAME #

SIS #

AIA #



400209 (ELA1W)

Undercounter Dishwasher
with WASH-SAFE CONTROL,
single skin, built-in water
softener and rinse aid
dispenser, 1 phase, 540d/h

Short Form Specification

Item No.

Unit shall be Electrolux Professional Undercounter dishwasher type hot water rinsing using rack dimension of 500*500mm with WASH SAFE CONTROL. Electrical characteristics to be 230 volts single phase 50Hz operation. Washing performance is ensure by a powerful wash pump, large capacity wash tank, upper and lower revolving spray arms. Soft start wash pump to avoid accidental breakage of crystal wares. Constant rinse temperature and pressure guaranteed by built-in atmospheric boiler and rinse booster pump. Unit to feature "Wash-Safe Control" led light. Green light will indicate that all washed items have been properly rinsed. Uses 3 liters of clean water per final rinse. Two automatic cycles for different types of wares. Double-sized built-in water softener with external salt loading tap (for continuous use up to 4 hours before regeneration). Double skin insulated door. 304 AISI stainless steel construction to include door, external panels, frame and wash tank. Electronic control with temperature display. Automatic self-cleaning cycle. The unit shall include rinse aid dispenser pump and is equipped with electric cable.

Main Features

- Incorporated Soft Start feature to offer additional protection to more delicate items.
- Washing system endowed with rotating washing arms, high powered wash pump and large capacity boiler for professional washing.
- 4 second (variable) pause after washing and before rinsing ensures that no drops of unclean water will fall on the clean items at the end of the rinsing cycle.
- Fully automatic self-cleaning cycle avoids the risk of bacteria proliferation.
- Simple control panel with digital display allows on-site personalization of washing and rinsing cycle times and temperatures as well as precise rinse aid and detergent quantities to suit customer's needs.
- Simple service from the front.
- IPx4 water protection.
- An effective rinse system uses only 3 liters of clean hot water per basket for lower running costs.
- Built-in rinse aid dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Digital read-out keeps operator informed as to temperatures.
- State-of-the-art electronic controls with built-in programming, self-diagnostics for serviceability and automatic interior self-cleaning cycle.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- Washing capacity of 30 baskets or 540 dishes per hour.
- Constant temperature of 84 °C throughout the rinsing cycle regardless of the network's water pressure and temperature.
- Green light of "WASH SAFE CONTROL" confirms that items have been rinsed properly.
- High efficiency air gap (class A) in water inlet circuit to avoid water being siphoned back into the network as a result of a sudden drop in main pressures.
- Equipped with water softener having double sized resin containers for longer operating hours (up to 4 hours constant use) and long-lasting wash cycles without regeneration.
- Built-in atmospheric boiler sized to raise incoming water to 84 °C minimum for sanitizing rinse. No external booster is required.

Construction

- Unit to feature smooth surfaces to facilitate cleaning.
- Front and side panels, door and wash tank made in heavy duty anti-corrosive AISI 304 stainless steel.
- 304 stainless steel boiler with higher welding protection to increase resistance to corrosion.
- PVC water supply hose with metal connections resistant to high water pressure.
- Completely closed on the back by a cover plate.

APPROVAL:



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- Single phase electrical connection.
- Element protection from dry fire and low water.
- Interchangeable wash/rinse arms screw out for simple clean up.
- The boiler drain facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.
- Double skin insulated door to reduce heat dispersion.
- Unit to feature rinse aid dispenser pump.
- Large wash tank with round corners and no pipes to avoid dirt built-up.

Sustainability



- Pre-arranged to accept external dispensers.
- Pre-arrangement for HACCP system implementation and Energy Management device.

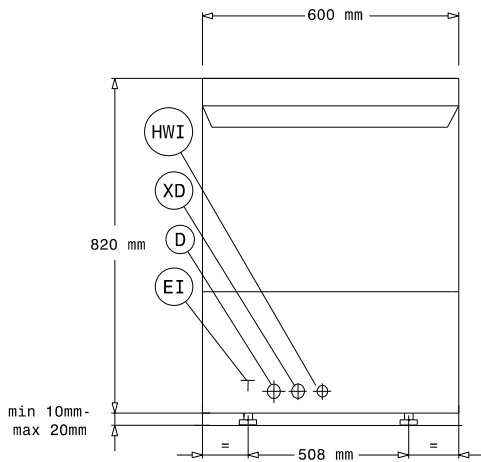
Included Accessories

- 1 of Yellow cutlery container PNC 864242
- 1 of Basket for 18 dinner plates - yellow PNC 867002

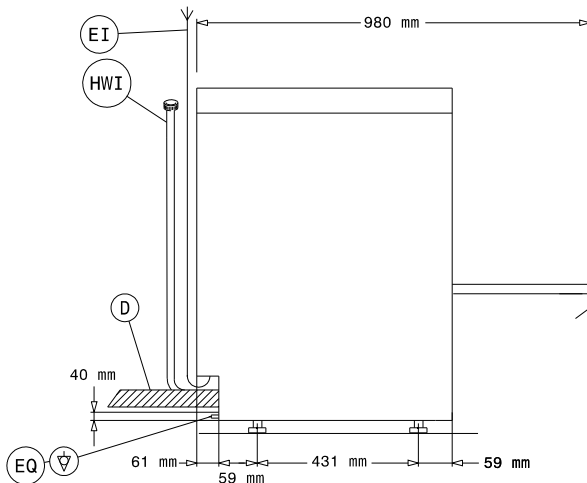
Optional Accessories

- Stand for undercounter dishwasher PNC 860418 ☐
- External detergent level probe kit PNC 864004 ☐
- External rinse aid level probe kit PNC 864005 ☐
- Kit 4 flanged feet for undercounter dishwashers PNC 864009 ☐
- Drain pump kit for 50Hz dishwashers PNC 864012 ☐
- Stainless steel inlet hose kit PNC 864016 ☐
- Kit to measure total and partial water hardness PNC 864050 ☐
- Detergent dosing kit PNC 864218 ☐
- Stainless steel tank filter for single skin undercounter PNC 864222 ☐
- Yellow cutlery container PNC 864242 ☐
- Filter for total demineralization PNC 864367 ☐
- Pressure reducer for single tank dishwasher PNC 864461 ☐
- Connectivity kit for Undercounter Dishwashers and Pot Washers (ECAP) PNC 864479 ☐
- Half size basket universal PNC 864527 ☐
- Half size basket for plates PNC 864528 ☐
- Half size basket for glasses PNC 864529 ☐
- Kit 4 plastic boxes for cutlery - yellow PNC 865574 ☐
- Basket for 18 dinner plates - yellow PNC 867002 ☐
- Basket for 48 small cups or 24 cups - blue PNC 867007 ☐
- Cover rack for small and light items (500x500 baskets) PNC 867016 ☐
- Basket for 16 vertical glasses (h 70 mm - diam 100 mm) - blue PNC 867023 ☐

Front

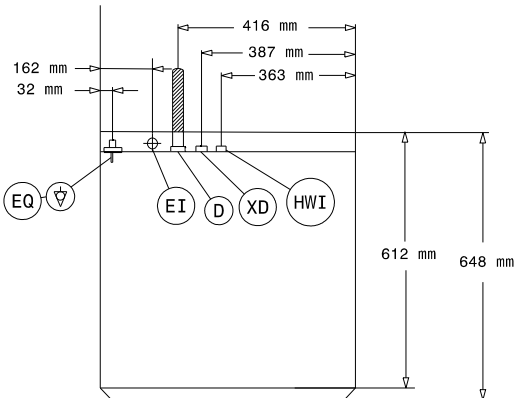


Side



D = Drain
 EI = Electrical inlet (power)
 EO = Electrical Outlet
 HWI = Hot water inlet
 XR = Rinse aid connection

Top



Electric

Supply voltage:	230 V/1 ph/50 Hz
400209 (ELA1W)	
Default Installed Power:	3.65 kW
Boiler heating elements:	2,8 kW
Tank heating elements:	2 kW
Wash pump size:	0.736 kW

Water:

Pressure, bar min/max:	1-7 bar
Drain line size:	40 mm
Inlet Water supply pressure:	15 - 102 psi (1 - 7 bar)
Washing tank capacity (lt):	33
Boiler Capacity (lt):	5,8

Key Information:

Baskets per hour*:	30
Dishes per hour:	540
Working cycles time (sec.):	120/180
Wash temperature:	55-65°C
Cell dimensions - width:	500 mm
Cell dimensions - depth:	500 mm
Cell dimensions - height:	330 mm
Rinse temperature:	85 °C
External dimensions, Width:	600 mm
External dimensions, Depth:	648 mm
External dimensions, Height:	820 mm
Packaging size (WxDxH):	640x740x1020 mm

Sustainability

Water supply temperature*:	50 °C
Water consumption per cycle (lt):	3
Noise level:	<70 dBA