

Warewashing Undercounter WSC, single skin, drain pump, detergent & rinse aid dispensers, 48b/h-60Hz

ITEM #		
MODEL #		
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NAME #		
SIS #		
AIA #		



400221 (ELA3G6)

Undercounter Dishwasher with WASH-SAFE CONTROL, single skin, built-in drain pump, detergent and rinse aid dispensers, 3 phase, 48b/h - 60Hz

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 60Hz operation, convertible to three phase on-site. 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 perfinal rinse. Three automatic cycles for different types of wares. The first 2 cycles are certified according to ETL-Sanitation while the third cycle is specifically for glasses with lower wash and rinse temperatures. 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 drain pump, detergent and rinse aid dispenser pumps 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 onsite 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.
- 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.
- Constant temperature of 84 °C thoughout 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.
- Three phase or single phase electrical connection, convertible on-site.
- Built-in atmospheric boiler sized to raise incoming water to 84 °C minimum for sanitizing rinse. No external booster is required.
- Built-in rinse aid and detergent dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- 75/180/120 seconds cycle. The first and the second cycles having minimum 84°C rinse temperature to wash dishes, containers, cups, cutlery, etc. ensure sanitation. The third cycle dedicated specifically for glasses and crystal items with lower rinsing temperature of 65°C avoids long-term damage.
- ETL- Sanitation approved and compliant with NSF sanitization standards (paragraph 7.1).
- Washing capacity of 48 baskets per hour.

Construction

- Unit to feature smooth surfaces to facilitate cleaning.
- 304 stainless steel boiler with higher welding protection to increase resistance to corrosion.

APPROVAL:





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(500x500 baskets)

- PVC water supply hose with metal connections resistant to high water pressure.
- Completely closed on the back by a cover plate.
- Element protection from dry fire and low water.
- Interchangeable wash/rinse arms screw out for simple
- 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.
- Large wash tank with round corners and no pipes to avoid dirt built-up.
- Incorporated drain pump to control water level in wash tank draining.
- Large tank filter collects the soil to keep the wash water clean for a longer time and have better washing performance.
- Front panel door, wash tank and tank filters made in heavy duty anti-corrosive AISI 304 stainless steel.

Sustainability



- Pre-arrangement for HACCP system implementation and Energy Management device.
- Unit to feature drain pump, rinse aid and detergent dispenser pumps.

Included Accessories

•	1 of Stainless steel tank filter for single skin undercounter	PNC 864222
•	1 of Yellow cutlery container	PNC 864242
•	1 of Basket for 18 dinner plates -	PNC 867002

Optional Accessories		
• 121t external manual water softener	PNC 860412	
• 8lt external automatic water softener	PNC 860413	
• 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 undecounter dishwashers 	PNC 864009	
 Stainless steel inlet hose kit 	PNC 864016	
 Filter for partial demineralization 	PNC 864017	
 Kit to measure total and partial water hardness 	PNC 864050	
 Yellow cutlery container 	PNC 864242	
 Filter for total demineralization 	PNC 864367	
 External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens 	PNC 864388	
 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 -PNC 867007 • Cover rack for small and light items PNC 867016



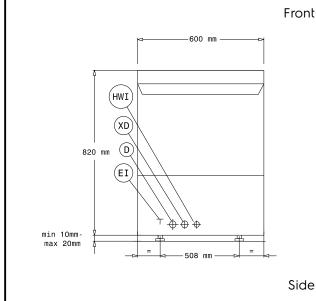


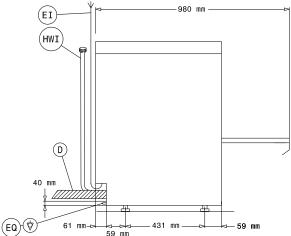










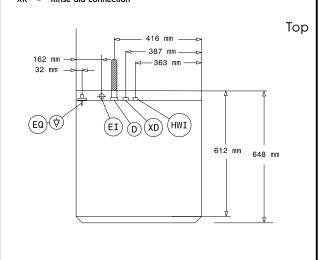


D Drain

ΕI Electrical inlet (power)

EO Electrical Outlet

ΧD Detergent connection XR Rinse aid connection





Supply voltage:

400221 (ELA3G6) 230 V/3 ph/60 Hz Convertible to: 230V 1N~; 400V 3N~

Default Installed Power: 5.35 kW Boiler heating elements: 4,5 kW Tank heating elements: 2 kW Wash pump size: 0.736 kW

Water:

Pressure, bar min/max: 0.5-7 bar Drain line size: 40 mm

7 - 102 psi (0.5 - 7 bar) Inlet Water supply pressure:

Washing tank capacity (It): 33 Boiler Capacity (It): 5.8

Key Information:

Baskets per hour*: 48 Dishes per hour: 864 Working cycles time (sec.): 75/180/120 Wash temperature: 71°C Cell dimensions - width: 500 mm Cell dimensions - depth: 500 mm

Cell dimensions - height: 330 mm Rinse temperature: 84 °C External dimensions, Width: 600 mm External dimensions, Depth: 648 mm External dimensions, Height: 820 mm

Packaging size

740x670x1020 mm (WxDxH):

Sustainability

Water supply temperature*: 10-60 °C

Water consumption per cycle

Noise level: <70 dBA









