Electrolux

Warewashing
Undercounter Dishwasher with Wash Safe Control & drain pump

ITEM #

MODEL #

NAME #

SIS #

AIA #



Warewashing

Undercounter Dishwasher with Wash Safe Control & drain pump

400137 (EUCA1DP) Undercounter dishwasher, single skin with drain pump, wash safe control, atmospheric boiler (2,8kW), 1 phase, 720d/h

Short Form Specification

Item No.

304 AISI stainless steel front and side panels, door, control panel and wash tank. Double skinned door. Wash tank with rounded corners. Wash arms and jets in polypropylene, easy to remove. 3 wash cycles 90/120/240 seconds. Soft start wash pump to avoid accidental breakage of dishes/glasses. Washing system with rotating washing arms, large capacity wash pump and tank volume. Built-in atmospheric boiler (2,8 kW), 5.8 liter capacity (allows cold water supply from 10-60° C), with rinse pump to guarantee a constant hot rinse temperature of 84°C. Wash Safe Control assures the correct water temperature and pressure during the rinse phase to guarantee a perfect rinsing performance independent from the water pressure in the network (min. 0,5 bar). Boiler with 304 welding for protection against corrosion. Drain pump. Electronic controls with temperature display. External connecting box protected by a waterproof plastic cover. High efficiency air gap (class A) in water inlet circuit to avoid water being syphoned back into the network as a result of a sudden drop in mains pressure. Pre-arrangements for HACCP system implementation and energy Management device. Self-cleaning cycle. Rinse aid dispenser. Hourly capacity: 720 dishes/40 baskets mm500x500.
Supplied with: n. 1 basket for plates and n. 1 cutlery holder.

APPROVAL:

Main Features

- Built-in atmospheric boiler sized to raise incoming 50 °C water to 84 °C minimum for sanitizing rinse. No external booster is required.
- Built-in rinse aid dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Constant temperature of 84 °C thoughout the rinsing cycle regardless of the network's water pressure and temperature.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse.
- Washing capacity of 40 baskets or 720 dishes per hour.
- 90/120/240 seconds cycle.
- Incorporated Soft Start feature to offer additional protection to more delicate items.
- 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.
- 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.
- Fault auto-diagnosis system.
- An effective rinse system uses only 3 litres of clean hot water per basket for lower running costs.
- Utilizes fresh hot rinse water.
- Green light of "WASH SAFE CONTROL" confirms that items have been rinsed properly.
- Low noise level.
- IPX 4 water protection.
- State-of-the-art electronic controls with built-in programming, self-diagnostics for serviceability and automatic interior self-cleaning cycle.
- Digital read-out keeps operator informed as to temperatures.

Construction

- Incorporated drain pump to control water level in wash tank draining.
- Heavy duty Stainless steel construction.
- Internal cavity as well as exterior panels are all 304 series Stainless steel.
- Interchangeable wash/rinse arms screw out for simple clean up.
- Large deep drawn wash tank and internal wash area with round corners and no pipes to avoid dirt built-up.
- Element protection from dry fire and low water.
- The boiler drain facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.
- Single phase electrical connection.

Included Accessories

- 1 of Yellow cutlery container PNC 864242

Electrolux
Undercounter Dishwasher with Wash Safe Control & drain pump
Warewashing

- 1 of Basket for 18 dinner plates - yellow PNC 867002

Optional Accessories

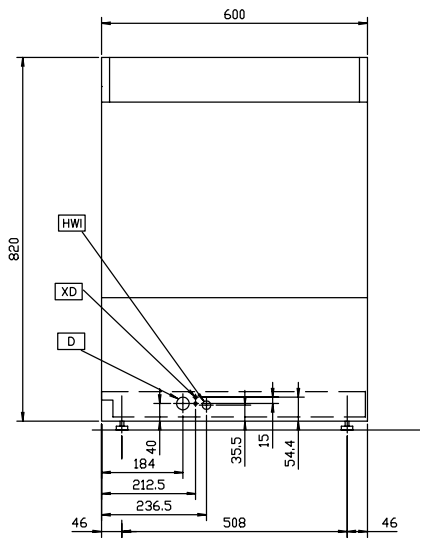
- 12lt external manual water softener PNC 860412 ❑
- 8lt external automatic water softener PNC 860413 ❑
- Stand for undercounter dishwasher PNC 860418 ❑
- Integrated HACCP kit PNC 864001 ❑
- HACCP printer kit PNC 864002 ❑
- External detergent level probe kit PNC 864004 ❑
- External rinse aid level probe kit PNC 864005 ❑
- Stainless steel inlet hose kit PNC 864016 ❑
- Filter for partial demineralization PNC 864017 ❑
- 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 ❑
- AISI 304 stainless steel back panel for undercounters EUC PNC 864246 ❑
- Reverse osmosis filter for single tank dishwasher with atmosphere boiler PNC 864388 ❑
- Pressure reducer for single tank dishwasher PNC 864461 ❑
- Kit 4 plastic boxes for cutlery - yellow PNC 865574 ❑
- Basket for 18 dinner plates - yellow PNC 867002 ❑
- Basket for 5 trays 530x325 mm - red, for undercounter (top level), utensil dishwashers, hood type, rack type PNC 867006 ❑
- Basket for 48 small cups or 24 cups - blue PNC 867007 ❑
- Cover rack for small and light items (500x500 baskets) PNC 867016 ❑

The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

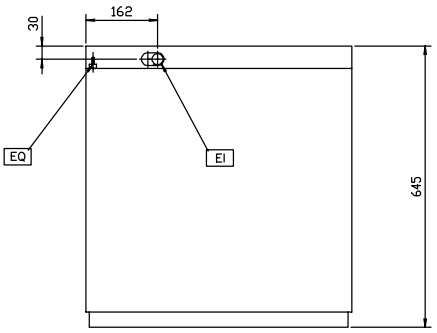
2016.10.19

Warewashing
Undercounter Dishwasher with Wash Safe Control & drain pump

Front

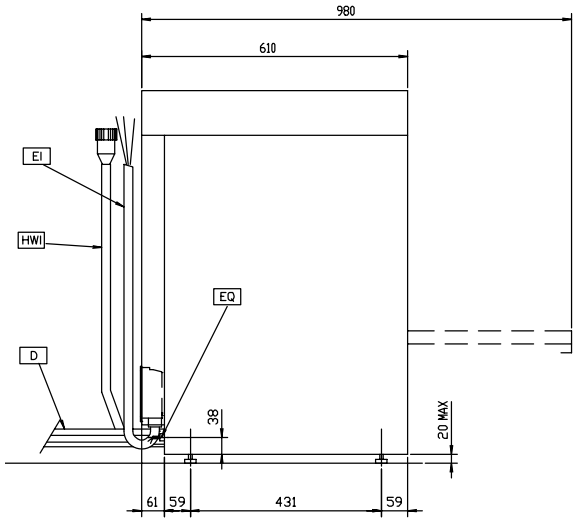


Top



D = Drain
EI = Electrical inlet (power)
EO = Electrical Outlet
HWI = Hot water inlet
V = Air vents
XD = Detergent connection
XR = Rinse aid connection

Side



Electric

Supply voltage:	
400137 (EUCA1DP)	230 V/1N ph/50 Hz
Total Watts:	3.65 kW
Tank heating elements:	2 kW

Water:

Inlet water line size:	G 3/4"
Water supply temperature:**	50 °C
Drain line size:	40 mm
Inlet Water supply pressure:	7 - 102 psi (0.5 - 7 bar)
Water consumption per cycle (lt):	3
Working cycles time (sec.):	90/120/240
Boiler Capacity (lt):	5.8
Tank Capacity (lt):	33
Washing cycle temperature:	55-65 °C
Washing tank capacity (lt):	33
Washing cycle pump power:	0.736 kW
Washing cycle electrical elements:	2 kW
Hot rinse cycle duration (sec.):	12
Hot rinse cycle temperature:	84 °C
Hot rinse cycle water consumption (lt):	3

Key Information:

Baskets per hour:	40
Dishes per hour:	720
Wash temperature:	55-65°C
Rinse temperature:	84 °C
External dimensions, Height:	820 mm
External dimensions, Width:	600 mm
External dimensions, Depth:	610 mm
Noise level:	<70 dBA
N° of working cycles - sec.:	3 (90/120/240)
Boiler type:	Atmospheric
Dishes capacity:	720/hr
Basket capacity:	40/h
Cell dimensions - width:	500 mm
Cell dimensions - depth:	500 mm
Cell dimensions - height:	330 mm

The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

2016.10.19