Electrolux

Warewashing
Medical Line Undercounter
Dishwasher with drain pump and CWS

ITEM #

MODEL #

NAME #

SIS #

AIA #



Warewashing

Medical Line Undercounter Dishwasher with drain pump and CWS

502036 (EUCAIMLWS) Medical Line Undercounter Dishwasher with drain pump & CWS - 400 V/3N/50 Hz

Short Form Specification

Item No.

Unit shall be Electrolux Medical Line undercounter type hot water rinsing dishmachine with drain pump and continuous water softener. Electrical characteristics to be __400 volts three phase operation with three automatic cycles of 300/420/600 seconds for lightly, normal or heavily soiled items. Rinse temperature and pressure guaranteed by built in atmospheric boiler and built in rinse booster pump. Washing performance is guaranteed by a powerful wash pump, upper and lower stainless steel revolving washing spray arms. 304 Stainless steel construction to include door, frame, wash tank, and jets. The unit shall include rinse aid dispenser pump and drain pump.

APPROVAL:

Main Features

- Designed to efficiently disinfect items thus fulfilling hospital requirements by guaranteeing a temperature of 90 °C during 30 seconds rinsing phase.
- Continuous water softener (CWS) to ensure complete and automatic regeneration of rinse water without pressure drop.
- Front loading of regeneration salt: 2 resin containers alternate for non-stop washing.
- Built-in atmospheric boiler sized to raise incoming 50 °C water to 90 °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 90 °C thoughout the rinsing cycle regardless of the network's water pressure.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse.
- Washing capacity of 12 baskets or 216 dishes per hour.
- 300/420/600 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 perfect sanitization.
- Double skinned insulated wall ensures a low noise level and a reduction in heat loss from the machine.
- Utilizes fresh hot rinse water.
- Unique strainer to enhance soil filtering.
- Three phase or single phase electrical connection, convertible on-site.
- 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 cycle status as well as temperatures.
- Equipped with water softener to ensure optimal rinsing results.

Construction

- Heavy duty Stainless steel construction.
- Internal cavity as well as exterior panels are all 304 series Stainless steel.
- Special designed Stainless steel nozzles provide superior cleaning action.
- Revolving Stainless steel wash/rinse arms above

Electrolux
Warewashing
Medical Line Undercounter Dishwasher with drain pump and CWS

and below the basket.
- 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.
- Incorporated drain pump to control water level in wash tank draining.

Included Accessories

• 2 of Yellow cutlery container	PNC 864242
• 1 of Basket for 18 dinner plates - yellow	PNC 867002
• 1 of Basket for 48 small cups or 24 cups - blue	PNC 867007

Optional Accessories

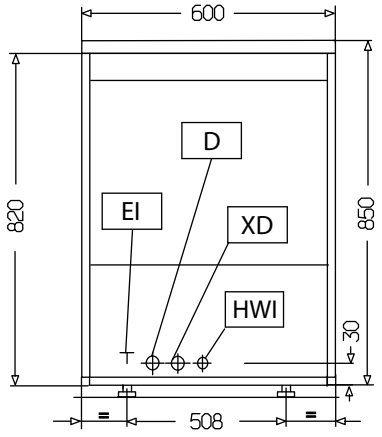
• Stand for undercounter dishwasher	PNC 860418 ❑
• Brass inlet valve kit for undercounter and hood type dishwashers	PNC 864000 ❑
• External detergent level probe kit	PNC 864004 ❑
• External rinse aid level probe kit	PNC 864005 ❑
• Kit 4 castors for double skin undercounter dishwashers	PNC 864008 ❑
• Stainless steel inlet hose kit	PNC 864016 ❑
• Kit to measure total and partial water hardness	PNC 864050 ❑
• Detergent dosing kit	PNC 864218 ❑
• Yellow cutlery container	PNC 864242 ❑
• Filter for total demineralization	PNC 864367 ❑
• Pressure reducer for single tank dishwasher	PNC 864461 ❑
• 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 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 ❑
• Wire basket for 12 plates up to 320 mm	PNC 867014 ❑
• 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 ❑
• Basket semi-professional 500x500x190mm	PNC 867024 ❑

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

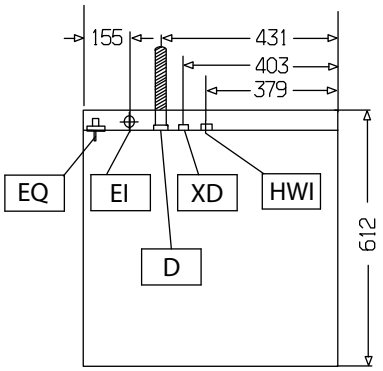
Electrolux

Warewashing
Medical Line Undercounter Dishwasher with drain pump and CWS

Front



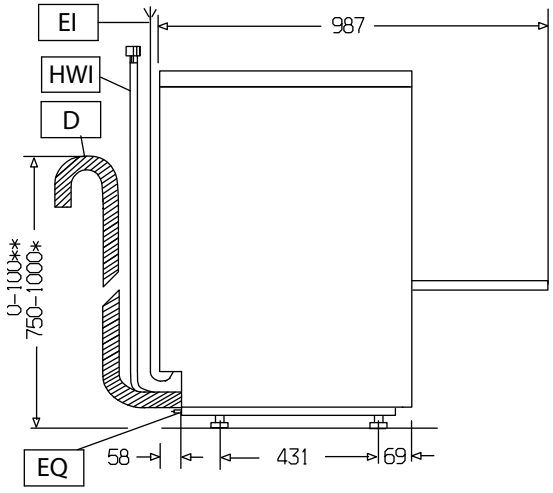
Top



D = Drain
EI = Electrical connection
EO = Electrical Outlet
HWI = Hot water inlet
V = Air vents
WI = Water inlet

XD = Detergent connection
XR = Rinse aid connection

Side



Electric

Supply voltage:	
502036 (EUCAIMLWS)	400 V/3N ph/50 Hz
Convertible to:	230V 3~; 230V 1N~
Total Watts:	6.85 kW
Boiler heating elements:	6 kW
Tank heating elements:	2 kW
Wash pump size:	0.736 kW

Water:

Water supply temperature:	50 °C
Inlet Water supply pressure:	7 - 102 psi (0.5 - 7 bar)
Water consumption per cycle (lt):	7.5
Working cycles time (sec.):	300/420/600
Boiler Capacity (lt):	12
Tank Capacity (lt):	23
Drain line size:	20.5mm
Incoming water line size:	
Washing cycle temperature:	55-65 °C
Washing cycle tank capacity (lt):	23
Washing cycle pump power:	0.736 kW
Washing cycle electrical elements:	2 kW
Hot rinse cycle duration (sec.):	35
Hot rinse cycle temperature:	90 °C
Hot rinse cycle water consumption (lt):	7.5

Key Information:

Baskets per hour:	12
Dishes per hour:	216
Wash temperature (MIN):	55-65°C
Rinse temperature (MIN):	90 °C
Noise level:	<65 dBA
N° of working cycles - sec.:	3 (300/420/600)
Dishes capacity:	216/hr
Basket capacity:	12/h
Cell dimensions - width:	500 mm
Cell dimensions - depth:	500 mm
Cell dimensions - height:	335 mm

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

2016.03.11