

Warewashing Undercounter Dishwasher, single skin, built-in drain pump and rinse aid dispenser, 540d/h

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400258 (NL3PPR)

Undercounter Dishwasher with pressure boiler, single skin, built-in drain pump and rinse aid dispenser, 3 phase, 540d/h

Short Form Specification

Item No.

Unit shall be Undercounter dishwasher type hot water rinsing using rack dimension of 500*500mm. Electrical characteristics to be 400V 3 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. Rinse temperature and pressure guaranteed by built in pressure boiler. Uses 3 liters of clean water per final rinse. Two automatic cycles for different types of wares. 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 and rinse aid dispenser pump and is equipped with electric cable.

Main Features

- 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.
- An effective rinse system uses only 3 liters of clean hot water per basket for lower running costs.
- Incorporated Soft Start feature to offer additional protection to more delicate items.
- Built-in pressure boiler sized to raise incoming 50 °C water to guarantee a minimum rinsing temperature of 82 °C 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.
- Digital read-out keeps operator informed as to temperatures.
- IPx4 water protection.
- 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 system endowed with rotating washing arms, high powered wash pump and large capacity boiler for professional washing.
- 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.
- Washing capacity of 30 baskets or 540 dishes per hour

Construction

- Element protection from dry fire and low water.
- Incorporated drain pump to control water level in wash tank draining.
- 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 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.
- Large wash tank with round corners and no pipes







to avoid dirt built-up.

• Unit to include drain pump and rinse aid dispenser pump.

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 -	PNC 867002
	yellow	

Optional Accessories			
12It external manual water softener	PNC	860412	
• 8lt external automatic water softener	PNC	860413	
• Stand for undercounter dishwasher	PNC	860418	
• 20lt external manual water softener	PNC	860430	
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	
 Rinse booster pump kit for single tank pressure dishwasher 	PNC	864051	
 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	



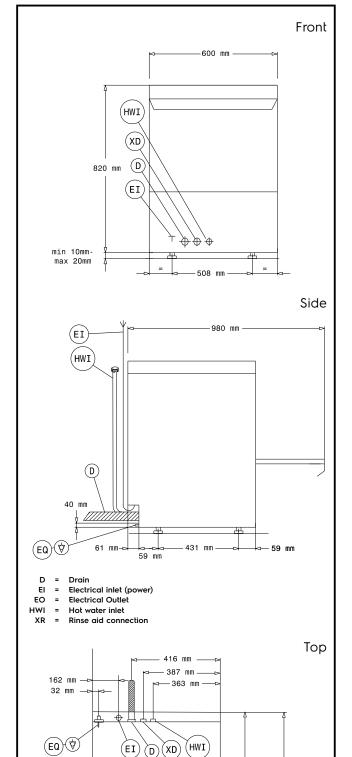












Electric

Supply voltage:

400258 (NL3PPR) 400 V/3N ph/50 Hz

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

Water:

Pressure, bar min/max: 2-3 bar Drain line size: 20.5mm

29 - 44 psi (2 - 3 bar) Inlet Water supply pressure:

Washing tank capacity (It): 33 Boiler Capacity (It): 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: 80-90 °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*: 50 °C Water consumption per cycle

Noise level: <70 dBA











612 mm

648 mm