

Warewashing Undercounter, pressure boiler, double skin, cold rinse, detergent and rinse aid dispensers, 720d/h

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



502726 (ZLI3CD)

Undercounter Dishwasher
with pressure boiler, double
skin, cold rinse, built-in
detergent and rinse aid
dispensers, 3 phase, 720d/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 400 volts three phase 50Hz operation, convertible to single 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. Rinse temperature and pressure guaranteed by built in pressure boiler. Uses 2.5 liters of clean water per final rinse. Three automatic cycles for different types of wares. Cold rinse function after the hot rinse phase provides hygiene glasses and cold enough to handle. Double skin insulated, counter-balance door. Double skin cabinet. Pressed wash tank with round corners. 304 AISI stainless steel construction to include door, external panels, frame, wash tank, tank filters, wash arms and rinse arms. The unit shall include detergent and rinse aid dispenser pumps and is equipped with electric cable.

Main Features

- Fully automatic self-cleaning cycle avoids the risk of bacteria proliferation.
- State-of-the-art electronic controls with built-in programming, self-diagnostics for serviceability and automatic interior self-cleaning cycle.
- Solid double skinned counter-balance door with hurt-free handle fully in stainless steel.
- 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.
- 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 and detergent 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.
- Double skinned insulated wall ensures a low noise level and a reduction in heat loss from the machine.
- IPx4 water protection.
- Low noise level.
- Three phase or single phase electrical connection, convertible on-site.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- Washing capacity of 40 baskets or 720 dishes per hour.
- Washing system endowed with rotating washing arms, high powered wash pump and large capacity boiler for professional washing.
- 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.
- Extra program to cold rinse beer and wine glasses providing sanitized glasses, cool enough to handle.
- Slanted wash arms to avoid detergent-filled wash water dropping on clean dishes after the rinsing phase, thus guaranteeing ideal washing results.
- An effective rinse system uses only 2,5 litres of clean hot water per basket for lower running costs.

Construction

- Unit to feature smooth surfaces to facilitate cleaning.
- Large tank filter collects the soil to keep the wash water clean for a longer time and have better washing performance.
- Element protection from dry fire and low water.
- 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.
- Revolving Stainless steel wash/rinse arms above and below the basket.
- The boiler drain facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.

APPROVAL: _____



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- 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.
- Unit to feature rinse aid and detergent dispenser pumps.
- Front panel, door, wash tank, tank filters, wash arms and rinse arms made in heavy duty anti-corrosive 304 AISI stainless steel.

Sustainability

- Pre-arrangement for HACCP system implementation and Energy Management device.



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

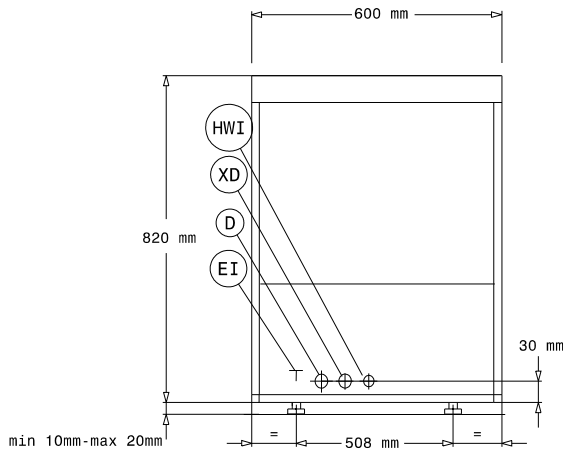
Included Accessories

- 1 of Set of 4 yellow cutlery containers PNC 865574
- 1 of Basket for 18 dinner plates or 27 side plates (max. diam. 240 mm) PNC 867002
- 1 of Basket for cups and coffee cups (24-48PNC 867007 pcs) - blue

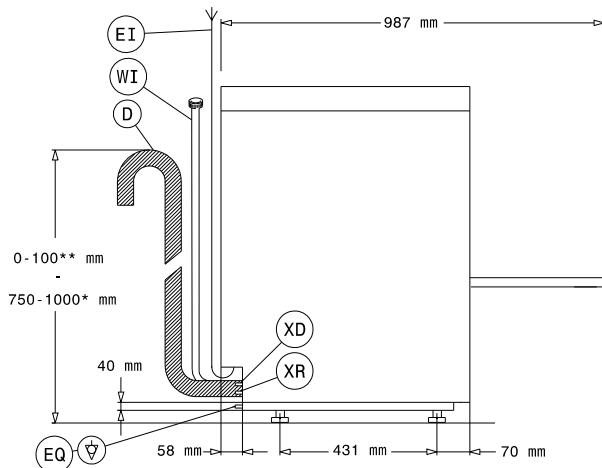
Optional Accessories

- | | | |
|--|------------|--------------------------|
| • External manual water softener - 12 lt | PNC 860412 | <input type="checkbox"/> |
| • External automatic water softener - 8 lt | PNC 860413 | <input type="checkbox"/> |
| • Stand for undercounter dishwasher | PNC 860418 | <input type="checkbox"/> |
| • External detergent level probe kit | PNC 864004 | <input type="checkbox"/> |
| • External rinse aid level probe kit | PNC 864005 | <input type="checkbox"/> |
| • Kit of 4 castors for double skinned undercounter dishwasher | PNC 864008 | <input type="checkbox"/> |
| • Stainless steel inlet hose kit | PNC 864016 | <input type="checkbox"/> |
| • Filter for partial demineralization | PNC 864017 | <input type="checkbox"/> |
| • Kit to measure total/partial water hardness | PNC 864050 | <input type="checkbox"/> |
| • Detergent pump kit | PNC 864218 | <input type="checkbox"/> |
| • Connectivity kit for Undercounter, Utensil and Pot&Pan Washers (ECAP) | PNC 864479 | <input type="checkbox"/> |
| • Basket for 5 trays 530x325 mm - red, for undercounter (top level), utensil dishwashers, hood type, rack type | PNC 867006 | <input type="checkbox"/> |
| • Basket for 12 pizza plates diam. up to 320 mm, wire basket | PNC 867014 | <input type="checkbox"/> |
| • Cover grid for small/light items in rack | PNC 867016 | <input type="checkbox"/> |
| • Basket for long stem wine glasses | PNC 867019 | <input type="checkbox"/> |
| • Basket semi-professional (500x500x190mm) | PNC 867024 | <input type="checkbox"/> |

Front

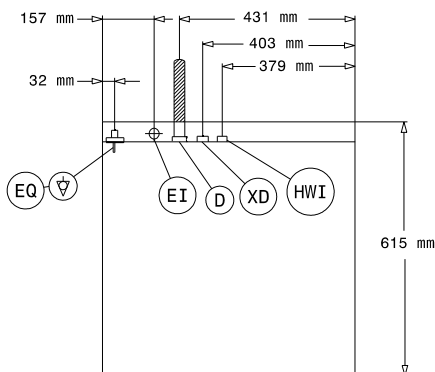


Side



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

Top



Electric

Supply voltage:	
502726 (ZLI3CD)	400 V/3N ph/50 Hz
Convertible to:	230V 3~; 230V 1N~
Default Installed Power:	6.85 kW
Boiler heating elements:	6 kW
Tank heating elements:	2,2 kW
Wash pump size:	0.736 kW

Water:

Pressure, bar min/max:	0.5-7 bar
Drain line size:	20.5mm
Inlet Water supply pressure:	7 - 102 psi (0.5 - 7 bar)
Washing tank capacity (lt):	23
Boiler Capacity (lt):	12

Key Information:

Baskets per hour*:	12
Dishes per hour:	216
Working cycles time (sec.):	90/120/240
Wash temperature:	55-65°C
Cell dimensions - width:	500 mm
Cell dimensions - depth:	500 mm
Cell dimensions - height:	335 mm
Rinse temperature:	80-90 °C
External dimensions, Width:	600 mm
External dimensions, Depth:	615 mm
External dimensions, Height:	820 mm
Packaging size (WxDxH):	670x740x1020 mm

Sustainability

Water supply temperature*:	50 °C
Water consumption per cycle (lt):	2.5
Noise level:	61 dBA