

Warewashing Undercounter, ACTIVE Guaranteed Rinse System, double skin, drain pump, det&rinse aid disp, 720d/h

ITEM #

MODEL #

NAME #

SIS #

AIA #


502729 (ZLAI3G)

Undercounter Dishwasher with ACTIVE Guaranteed Rinse System, double skin, built-in drain pump, 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 with ACTIVE Guaranteed Rinse System. 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. Constant rinse temperature and pressure guaranteed by built-in atmospheric boiler and rinse booster pump. Unit to feature "ACTIVE Guaranteed Rinse System" led light. Green light will indicate that all washed items have been properly rinsed. Uses 2.5 liters of clean water per final rinse. Three automatic cycles for different types of wares. 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 fitlers, wash arms and rinse arms. 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

- 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.
- Built-in atmospheric boiler sized to raise incoming water to 84 °C minimum for sanitizing rinse. No external booster is required.
- 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.
- Constant temperature of 84 °C throughout the rinsing cycle regardless of the network's water pressure and temperature.
- Digital read-out keeps operator informed as to temperatures.
- 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.
- IPx4 water protection.
- 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 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.
- Green light of Guaranteed Rinse System (ACTIVE) confirms that items have been rinsed properly.
- Built-in rinse aid and detergent dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Double skinned insulated wall ensures a low noise level and a reduction in heat loss from the machine.
- Low noise level.
- Washing capacity of 40 baskets or 720 dishes per hour.
- Slanted wash arms to avoid detergent-filled wash water dropping on clean dishes after the rinsing phase, thus guaranteeing ideal washing results.
- Solid double skinned counter-balance door with hurt-free handle fully in stainless steel.
- 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.
- Incorporated drain pump to control water level in wash tank draining.
- Element protection from dry fire and low water.
- 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

APPROVAL:

hygiene.

- 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 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.
- 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, tank filters, wash arms and rinse arms made in heavy duty anti-corrosive 304 AISI stainless steel.

Sustainability

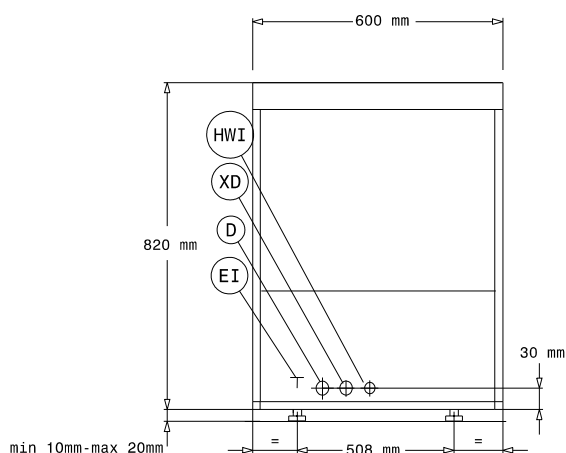
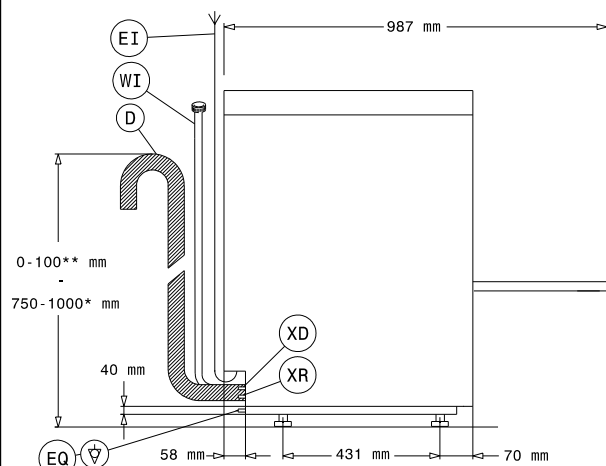
- Unit to feature drain pump, rinse aid and detergent dispenser pumps.
- Pre-arrangement for HACCP system implementation and Energy Management device.

Included Accessories

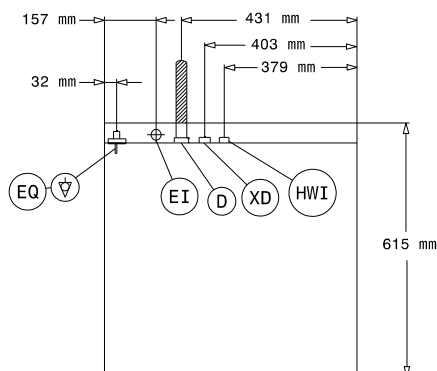
- 2 of Yellow cutlery container PNC 864242
- 1 of Basket for 18 dinner plates or 27 side plates (max. diam. 240 mm) PNC 867002
- 1 of Basket for cups and coffee cups (24-48 pcs) - blue PNC 867007

Optional Accessories

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|--|------------|--------------------------|
| • External manual water softener - 12 lt | PNC 860412 | ☐ |
| • Stand for undercounter dishwasher | PNC 860418 | ☐ |
| • External manual water softener - 20 lt | PNC 860430 | ☐ |
| • External detergent level probe kit | PNC 864004 | ☐ |
| • External rinse aid level probe kit | PNC 864005 | ☐ |
| • Kit of 4 castors for double skinned undercounter dishwasher | PNC 864008 | ☐ |
| • Kit 4 flanged feet for undercounter dishwashers | PNC 864009 | ☐ |
| • Stainless steel inlet hose kit | PNC 864016 | ☐ |
| • Filter for partial demineralization | PNC 864017 | ☐ |
| • External reverse osmosis filter for ACTIVE undercounter and hood type | PNC 864026 | ☐ |
| • Kit to measure total/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, Utensil and Pot&Pan Washers (ECAP) | PNC 864479 | ☐ |
| • Half size basket universal | PNC 864527 | ☐ |
| • Half size basket for plates | PNC 864528 | ☐ |
| • Half size basket for glasses | PNC 864529 | ☐ |
| • Set of 4 yellow cutlery containers | PNC 865574 | ☐ |
| • Basket for 18 dinner plates or 27 side plates (max. diam. 240 mm) | PNC 867002 | ☐ |
| • Basket for 5 trays 530x325 mm - red, for undercounter (top level), utensil dishwashers, hood type, rack type | PNC 867006 | ☐ |
| • Basket for cups and coffee cups (24-48 pcs) - blue | PNC 867007 | ☐ |
| • Basket for 12 pizza plates diam. up to 320 mm, wire basket | PNC 867014 | ☐ |
| • Cover grid for small/light items in rack | PNC 867016 | ☐ |
| • Basket for long stem wine glasses | PNC 867019 | ☐ |
| • Basket for 16 glasses max. height: 70 mm - blue | PNC 867023 | ☐ |
| • Basket semi-professional (500x500x190mm) | PNC 867024 | ☐ |

Front

Side


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

Top

Electric

Supply voltage:	400 V/3N ph/50 Hz
Convertible to:	230V 3~; 230V 1N~
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, min-max:	0.5-7 bar
Water supply temperature*:	50 °C
Drain line size:	40 mm
Inlet Water supply pressure:	7 - 102 psi (0.5 - 7 bar)
Washing tank capacity (lt):	23
Water consumption per cycle (lt):	/ 2.5
Boiler Capacity (lt):	12

Key Information:

Wash temperature:	55-65°C
Cell dimensions - width:	500 mm
Cell dimensions - depth:	500 mm
Cell dimensions - height:	335 mm
Rinse temperature:	84 °C
External dimensions, Width:	600 mm
External dimensions, Depth:	615 mm
External dimensions, Height:	820 mm
Packaging size (WxDxH):	740x670x1020 mm
Productivity, baskets/h:	40
Productivity, dishes/h:	720
Working cycle, sec:	90/120/240

Sustainability

Noise level:	61 dBA
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