



**Warewashing
Undercounter, single skin, atm
boiler, water softener, drain pump,
det&rinse aid dispensers, 540d/h**

ITEM # _____

MODEL # _____

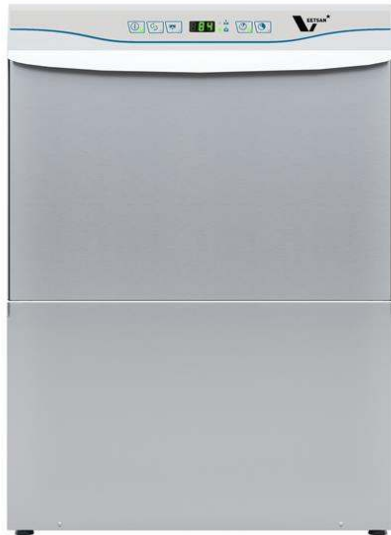
NAME # _____

SIS # _____

AIA # _____



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Undercounter, single skin, atm boiler, water softener, drain
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400251 (VLA3WG)

Undercounter dishwasher with single skin, atmospheric boiler, built-in water softener, drain pump, detergent and rinse aid dispensers, 3 phase, 540d/h

Short Form Specification

Item No. _____

Unit shall be Undercounter dishwasher type hot water rinsing using rack dimension of 500*500mm with atmospheric boiler. 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. Uses 3 liters of clean water per final rinse. Two automatic cycles for different types of wares. Double-sized built-in water softener with external salt loading tap (for continuous use up to 4 hours before regeneration). 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, 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.
- 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.
- Digital read-out keeps operator informed as to temperatures.
- IPx4 water protection.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse.
- 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.
- Pre-arrangement for HACCP system implementation and Energy Management device.
- Constant temperature of 84 °C throughout the rinsing cycle regardless of the network's water pressure and temperature.
- Built-in rinse aid and detergent dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- 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.
- Three phase or single phase electrical connection, convertible on-site.
- Washing capacity of 40 baskets or 720 dishes per hour.
- Built-in atmospheric boiler sized to raise incoming water to 84 °C minimum for sanitizing rinse. No external booster is required.
- An effective rinse system uses only 3 liters of clean hot water per basket for lower running costs.
- Equipped with water softener having double sized resin containers for longer operating hours (up to 4 hours constant use) and long-lasting wash cycles without regeneration.

Construction

- Unit to feature smooth surfaces to facilitate cleaning.
- 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 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.
- Incorporated drain pump to control water level in wash tank

APPROVAL: _____

draining.

- Unit to feature drain pump, rinse aid and detergent dispenser pumps.
- Double skin insulated door to reduce heat dispersion.
- Front and side panels, door and wash tank made in heavy duty anti-corrosive AISI 304 stainless steel.
- Large wash tank with round corners and no pipes to avoid dirt built-up.

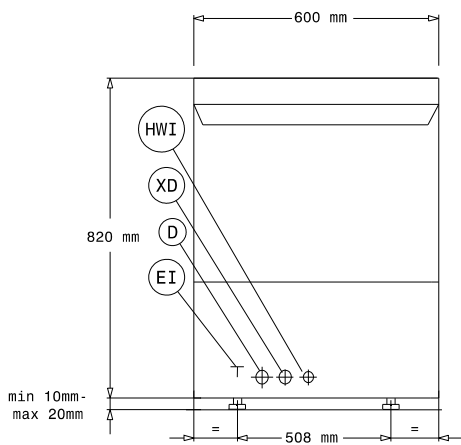
Included Accessories

- 1 of Yellow cutlery container PNC 864242
- 1 of Basket for 18 dinner plates 240mm - yellow PNC 867002

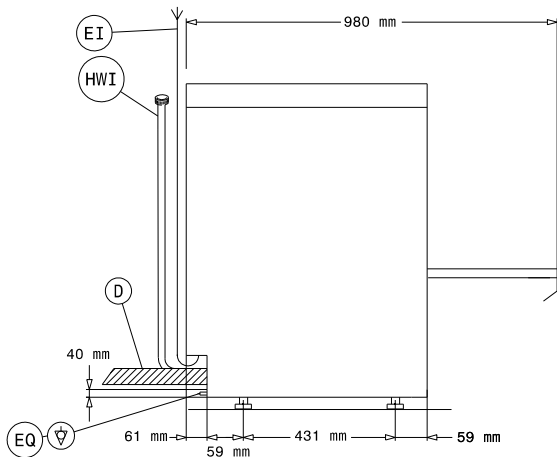
Optional Accessories

- Stand for undercounter dishwasher PNC 860418
- External detergent level probe kit PNC 864004
- External rinse aid level probe kit PNC 864005
- KIT 4 FLANGED FEET (MARINE FEET) FOR UC DW PNC 864009
- Stainless steel inlet hose kit PNC 864016
- Kit to measure total and partial water hardness PNC 864050
- 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
- 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 240mm - yellow PNC 867002
- Basket for 48 small cups/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

Front

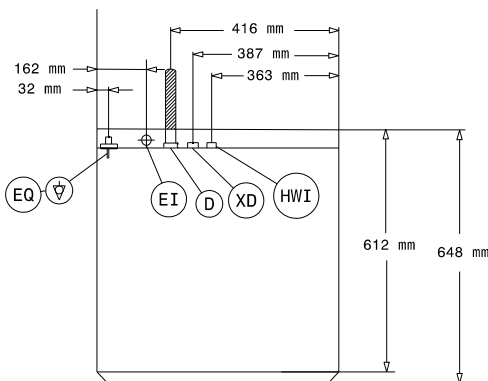


Side



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

Top



Electric

Supply voltage:	
400251 (VLA3WG)	400 V/3N ph/50 Hz
Default Installed Power:	5.35 kW
Boiler heating elements:	4,5 kW
Tank heating elements:	2 kW
Wash pump size:	0.736 kW

Water:

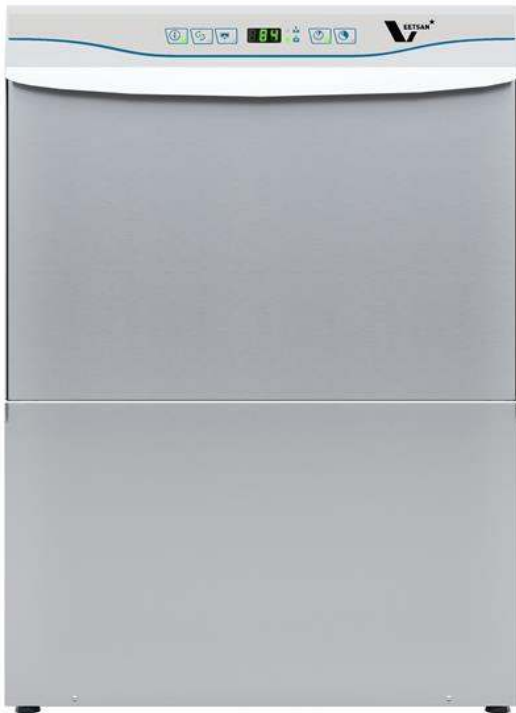
Pressure, bar min/max:	1-7 bar
Water supply temperature*:	50 °C
Drain line size:	20.5mm
Inlet Water supply pressure:	15 - 102 psi (1 - 7 bar)
Washing tank capacity (lt):	33
Water consumption per cycle (lt):	3
Boiler Capacity (lt):	5,8

Key Information:

Baskets per hour*:	40
Dishes per hour:	720
Working cycles time (sec.):	90/180
Wash temperature:	55-65°C
Rinse temperature:	85 °C
Cell dimensions - width:	500 mm
Cell dimensions - depth:	500 mm
Cell dimensions - height:	330 mm
External dimensions, Width:	600 mm
External dimensions, Height:	820 mm
External dimensions, Depth:	648 mm
Packaging size (WxDxH):	600x610x820 mm
Noise level:	<70 dBA



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dispensers, 540d/h



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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.

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