BUZZ CATERING

Warewashing Undercounter Dishwasher with Atmospheric Boiler, Water Softener, Drain Pump and Detergent Dispenser

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____

400148 (NUC3DDWS)	Undercounter dishwasher, single skin with atmospheric boiler (4,5 kW), water softener, powered boiler, detergent and drain pump, 540d/h

Short Form Specification

Item No. _____

304 AISI stainless steel front and side panels, door, control panel and wash tank. Double skinned door. Wash tank with rounded corners. Wash arms and jets in polypropylene, easy to remove. 2 wash cycles 120/180 seconds. Soft start wash pump to avoid accidental breakage of dishes/glasses. Washing system with rotating washing arms, large capacity wash pump and tank volume. Built-in atmospheric boiler (4,5 kW), 5,8 liter capacity, with rinse pump to guarantee a constant hot rinse temperature of 84°C. Boiler with 304 welding for protection against corrosion. Double-sized built-in water softener with external salt loading tap (for continuous use up to 4 hours before regeneration). Drain pump. Electronic controls with temperature display. External connecting box protected by a waterproof plastic cover. High efficiency air gap (class A) in water inlet circuit to avoid water being syphoned back into the network as a result of a sudden drop in mains pressure. Self-cleaning cycle. Rinse aid dispenser. Detergent dispenser.
Hourly capacity: 540 dishes/30 baskets mm500x500.
Supplied with: n. 1 basket for plates and n. 1 cutlery holder.

Main Features

- Built-in atmospheric boiler with rinse booster pump to provide constant water temperature and pressure for rinsing, independent from water inlet.
- 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.
- Incorporated Soft Start feature to offer additional protection to more delicate items.
- Washing system endowed with rotating washing arms, high powered wash pump and large capacity boiler for professional washing.
- 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.
- Fully automatic self-cleaning cycle avoids the risk of bacteria proliferation.
- 120/180 seconds cycle.
- Easy to remove wash/rinse arms and filter.
- 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.
- Digital display with on/off and regeneration button, clean cycle and/or drain (when pump installed).
- IPX 4 water protection.
- Pre-arrangement for HACCP system implementation and Energy Management device.
- Three phase or single phase electrical connection, convertible on-site.

Construction

- Unit to feature smooth surfaces to facilitate cleaning.
- 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.
- Front and side panels, door and wash tank made in heavy duty anti-corrosive AISI 304 stainless steel.
- Unit to feature rinse aid and detergent dispenser pumps.

Included Accessories

• 1 of Yellow cutlery container	PNC 864242
• 1 of Basket for 18 dinner plates - 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 ❑

APPROVAL: _____

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• 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 ❑
• 304 AISI BACK PANEL FOR UC+WS ENTRY LEV.	PNC 864297 ❑
• 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 48 small cups or 24 cups - blue	PNC 867007 ❑
• Cover grid for small/light items in rack	PNC 867016 ❑
• Basket for 16 vertical glasses (h 70 mm - diam 100 mm) - blue	PNC 867023 ❑

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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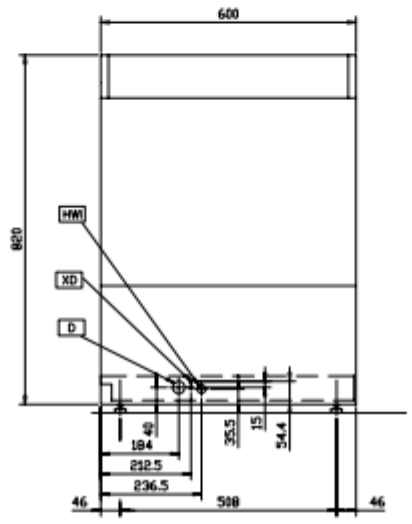
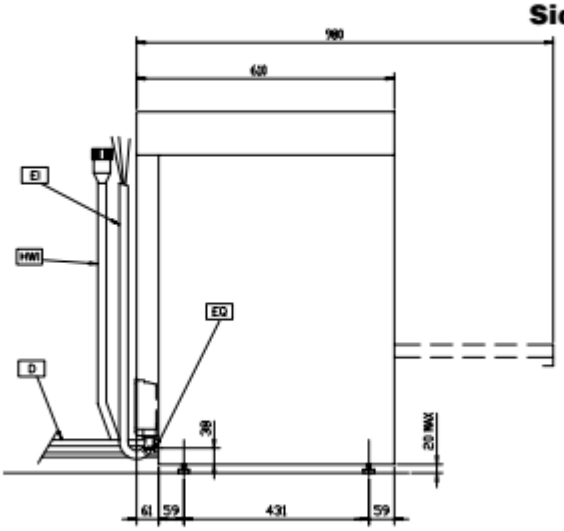
Warewashing
Undercounter Dishwasher with Atmospheric Boiler, Water Softener, Drain Pump and Detergent Dispenser

Front

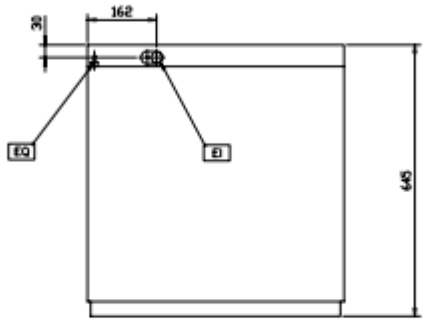


Side



D = Drain
EI = Electrical connection
EO = Electrical Outlet
HWI = Hot water inlet
V = Air vents
XD = Detergent connection
XR = Rinse aid connection

Top



Electric

Supply voltage:	
400148 (NUC3DDWS)	400 V/3N ph/50 Hz
Convertible to:	230V 3~; 230V 1N~
Total Watts:	7.35 kW
Tank heating elements:	2 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)
Water consumption per cycle (lt):	3.3
Working cycles time (sec.):	120/180
Boiler Capacity (lt):	5.8
Tank Capacity (lt):	33
Washing cycle tank capacity (lt):	33
Hot rinse cycle duration (sec.):	16
Hot rinse cycle water consumption (lt):	3.3

Key Information

Baskets per hour:	30
N° of working cycles - sec.:	2 (120/180)
Cell dimensions - width	500 mm
Cell dimensions - depth	500 mm
Cell dimensions - height	330 mm
Dishes per hour:	540
Wash temperature (MIN):	55-65°C
Rinse temperature (MIN):	85 °C
External dimensions, Width	600 mm
External dimensions, Height	820 mm
External dimensions, Depth	610 mm
Packaging size (WxDxH):	600x610x820 mm
Noise level:	<70 dBA
Washing cycle temperature:	55-65 °C
Hot rinse cycle temperature:	85 °C

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