

## Warewashing Undercounter Dishwasher with Pressure Boiler & Drain Pump

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



**400141 (NUC1DP)**

Undercounter Dishwasher  
with pressure boiler and  
drain pump- 230 V/1N/50 Hz

### 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 pressure boiler (2,8 kW), 5,8 liter capacity for hot rinse cycle (80-90°C). Boiler with 304 welding for protection against corrosion. Drain pump. Electronic controls with temperature display. External connecting box protected by a waterproof plastic cover. Self-cleaning cycle. Rinse aid dispenser. Pre-arranged for connection on site to an external 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 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.
- 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.
- Equipped with drain pump for easy and quick installation without opening the machine.
- 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.
- Easy to remove wash/rinse arms for cleaning.
- Simple service from the front.
- IPX 4 water protection.
- Pre-arranged to accept external dispensers.
- Pre-arrangement for HACCP system implementation and Energy Management device.

### Construction

- 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.
- Single phase electrical connection.

### Included Accessories

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

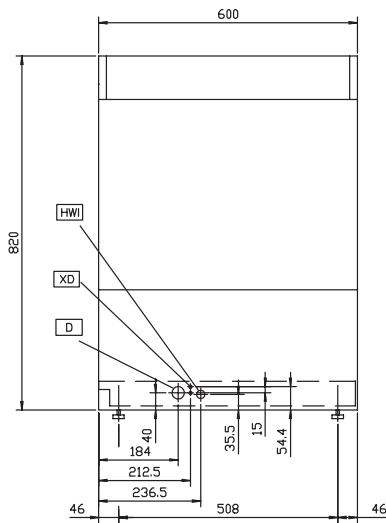
### Optional Accessories

- 12lt 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 ☐
- Integrated HACCP kit PNC 864001 ☐

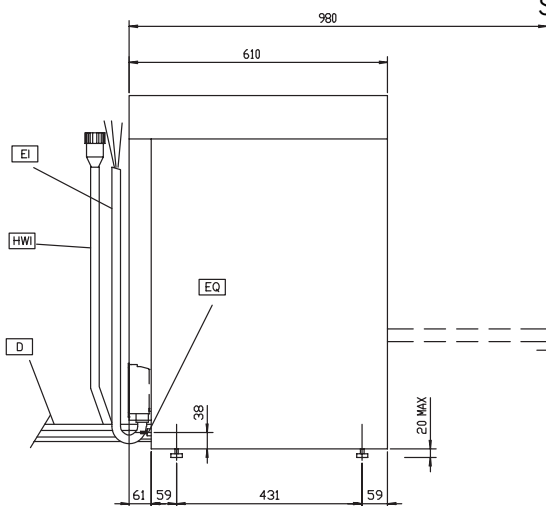
APPROVAL: \_\_\_\_\_

- External detergent level probe kit PNC 864004  
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- External rinse aid level probe kit PNC 864005  
☐
- Kit 4 flanged feet (marine feet) for undercounter dishwasher 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  
☐
- AISI 304 stainless steel back panel for undercounters EUC PNC 864246  
☐
- 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 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

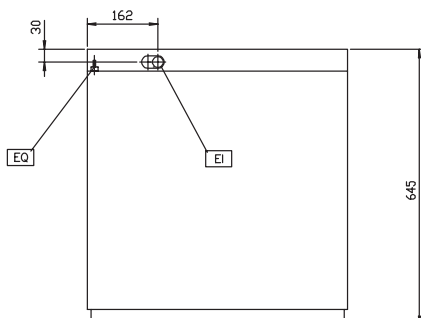


Side



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

Top



## Electric

Supply voltage:	230 V/1N ph/50 Hz
400141 (NUC1DP)	
Total Watts:	5.65 kW
Tank heating elements:	2 kW

## Water:

Water supply temperature*:	50 °C
Drain line size:	20.5mm
Inlet Water supply pressure:	29 - 44 psi (2 - 3 bar)
Water consumption per cycle (lt)**:	3.3
Boiler Capacity (lt):	5.8
Tank Capacity (lt):	33
Hot rinse cycle duration (sec.):	16
Min hot rinse water consumption (lt/cycle)**:	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:	55-65°C
Rinse temperature:	80-90 °C
External dimensions, Width:	600 mm
External dimensions, Height:	820 mm
External dimensions, Depth:	610 mm
Packaging size (WxDxH):	690x620x900 mm
Noise level:	<70 dBA