

## Warewashing

### NeoBlue Touch Undercounter DW (L) with pressure boiler in AISI304, rinse aid pump, max 65 r/h, 1ph

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

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

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

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

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



**400343 (ETUCLDP1S)**

Undercounter Dishwasher (L), touch control, single skin with pressure boiler, rinse aid and drain pump, max. 65 r/h, 1 phase, Schuko plug

### Short Form Specification

#### Item No. \_\_\_\_\_

Undercounter dishwasher hot sanitation type, suitable for 500\*500mm racks. Washing performance is ensured by a powerful wash pump, large capacity wash tank, upper and lower integrated washing & rinsing revolving spray arms in composite material. Rinse temperature and pressure guaranteed by built-in pressure boiler and interlocked valves control system. Uses from 2.1 to 2.4 liters of clean water at final rinse. Two pre-settled automatic cycles for different types of wares, configurable on-site. Double skin insulated door. 304 AISI stainless steel construction to include internal tank and boiler, door and external panels. Electronic control with color coded user interface Touch Button type and LED info icons. Automatic self-cleaning cycle run after the machine is switched-off. The unit includes rinse aid dispenser peristaltic pump. Built-in rinse booster pump guarantees constant rinse pressure. Electrical characteristics to be 230 volts one phase 50Hz operation, equipped with electric cable and Schuko plug. The machine is supplied with embedded connectivity Wi-Fi module and Bluetooth APP.

### 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.
- The pump filter inside the tank protects the washing pump by soil penetration with its extended surface, keeping the washing water clean.
- The single piece upper & lower arms clip-on type, interchangeable, easy to remove & reinstall. The combined washing & rinsing spraying system guarantees extended water coverage inside the chamber for excellent washing performance.
- Built-in pressure boiler sized to raise incoming 55-65 °C water to guarantee the right rinsing temperature for sanitizing rinse. No external booster is required.
- Built-in rinse aid with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- Touch button user interface provides useful information using different colours reflecting appliance status; and LED icons.
- App allows on-site customization of the washing cycles, as well as adjusting chemicals dosage. It provides on time feedback of the appliance and alarm info.
- An effective rinse system uses only 2.1/2.4 liters of clean hot water per basket for lower running costs.
- Washing system endowed with rotating integrated washing & rinsing arms in composite material, 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.
- Simple service from the front for technical purpose, by top for electronic boards; by lower panel for main components.
- IPx4 water protection.
- Max. theoretical washing capacity in ideal condition of 65 racks or 1170 dishes per hour, with fast cycle available on APP (from January 2025).

### Construction

- Unit to feature smooth surfaces to facilitate cleaning.
- Unit to feature rinse aid dispenser pump.
- 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.
- The boiler drain facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.

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

- Large wash tank with round corners and no pipes to avoid dirt built-up.
- Element protection from dry fire and low water.
- Double skin insulated door.
- Completely closed on the back by a cover plate.
- PVC water supply hose with metal connections resistant to high water pressure.

## Sustainability



- Water consumption 2.1 lt/rack with MyEco cycle.
- The cardboard packaging on pallet is fully recyclable. The cardboard is made of 70% recycled material, and FSC\*-certified paper, printed with eco-friendly ; to ensure complete sustainability and environmental responsibility. (\* Forest Stewardship Council which is the world's leading organization for sustainable forestry-uses).
- ErgoCert 4-star certification for ergonomic design and ease of use. Simple operation through the user-friendly interface, and ergonomic design ensures minimal stress on the user. Colored touchpoints on removable components ensure fast cleaning operations.
- Product lifecycle extension thanks to easy access for service technician, dedicated diagnostic support and troubleshooting procedure and availability of spare parts for at least 10 years.
- Reduced energy consumption up to 40% respect to previous range, equivalent to more than 3.000kWh saved in a year, and reduced water usage up to 2lt, both based on UL Certification\* leading to only 0.08kg of CO<sub>2</sub> equivalent per cycle. (\*Calculation by energy consumption during product usage, EFCEM profile (36 cycles/day for 300 days/year), considering a mix of energy sources as by calibrated EU database upd. values [kgCO<sub>2</sub>eq /KWh] - Source: IEA 2020 released in 2023 - The EIA Emissions Factors are specified for Electricity & Heat CO<sub>2</sub> and include CH<sub>4</sub> and N<sub>2</sub>O factors, according to IEA for 2021 also. Comparison made between NeoBlue Touch with MyEco cycle and the previous Electrolux Professional Undercounter range with 3lt water consumption/cycle).
- Average energy consumption 260watt/cycle with MyEco Cycle.
- Washing cycles and chemicals setup adjustable by App.

- |  |            |                          |
|--|------------|--------------------------|
| • Kit wash tank filters in composite material (1 central support and 2 filters) for NeoBlue Undercounter       | PNC 864495 | <input type="checkbox"/> |
| • Half size basket universal   | PNC 864527 | <input type="checkbox"/> |
| • Half size basket for plates  | PNC 864528 | <input type="checkbox"/> |
| • Half size basket for glasses   | PNC 864529 | <input type="checkbox"/> |
| • Kit 4 plastic boxes for cutlery - yellow   | PNC 865574 | <input type="checkbox"/> |
| • Basket for 12 soup bowls - green   | PNC 867000 | <input type="checkbox"/> |
| • Basket for 16 soup bowls/dinner plates - blue  | PNC 867001 | <input type="checkbox"/> |
| • Basket for 18 dinner plates - yellow   | PNC 867002 | <input type="checkbox"/> |
| • Basket for 12 plates up to 300 mm - blue   | PNC 867003 | <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 48 small cups or 24 cups - blue   | PNC 867007 | <input type="checkbox"/> |
| • Basket for 24 tilted cups - blue   | PNC 867008 | <input type="checkbox"/> |
| • Cover rack for small and light items (500x500 baskets)   | PNC 867016 | <input type="checkbox"/> |
| • Baskets for 16 tilted glasses (h 120 mm - diam 100 mm) - blue  | PNC 867020 | <input type="checkbox"/> |
| • Basket for 16 vertical glasses (h 70 mm - diam 100 mm) - blue  | PNC 867023 | <input type="checkbox"/> |
| • Basket for 16 tilted glasses (h 170 mm - diam 100 mm) - blue   | PNC 867030 | <input type="checkbox"/> |
| • Baskets for 16 tilted glasses (h 220 mm - diam 100 mm) - blue  | PNC 867040 | <input type="checkbox"/> |

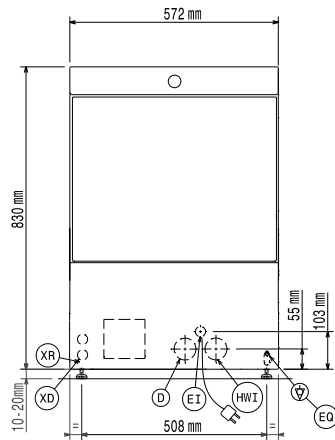
## Included Accessories

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

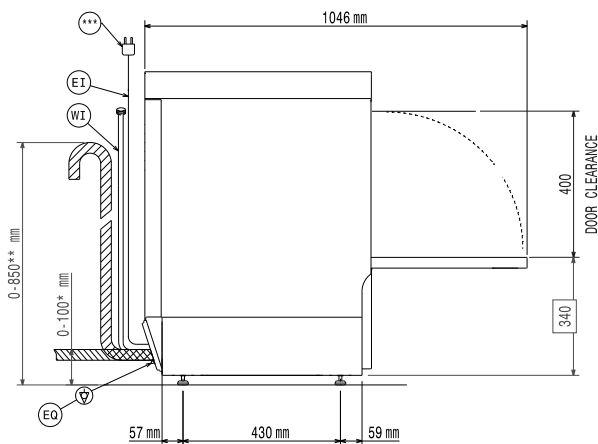
## Optional Accessories

- |  |            |                          |
|--|------------|--------------------------|
| • 8lt external automatic water softener                  | PNC 860005 | <input type="checkbox"/> |
| • Stand for undercounter dishwasher                      | PNC 860418 | <input type="checkbox"/> |
| • Filter for partial demineralization                    | PNC 864017 | <input type="checkbox"/> |
| • Kit to measure total and partial water hardness        | PNC 864050 | <input type="checkbox"/> |
| • Detergent dosing kit                                   | PNC 864218 | <input type="checkbox"/> |
| • Yellow cutlery container                               | PNC 864242 | <input type="checkbox"/> |
| • Filter for total demineralization                      | PNC 864367 | <input type="checkbox"/> |
| • Rinse booster pump kit (50Hz) for NeoBlue Undercounter | PNC 864492 | <input type="checkbox"/> |
| • Side caps for NeoBlue Undercounter                     | PNC 864493 | <input type="checkbox"/> |
| • Drain pump kit for NeoBlue Undercounter                | PNC 864494 | <input type="checkbox"/> |

Front

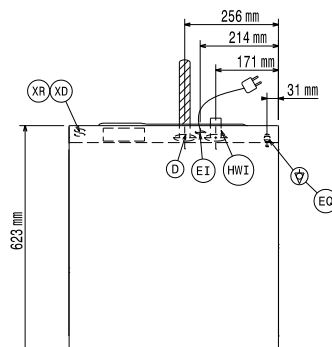


Side



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

Top



### Electric

Supply voltage:	220-240 V/1 ph/50 Hz
Default Installed Power:	3.3 kW
Boiler heating elements:	2,8 kW
Tank heating elements:	2 kW
Wash pump size:	0.55 kW

### Water:

Pressure, min-max:	2-5 bar
Water supply temperature*:	55-65 °C
Drain line size:	40 mm
Inlet Water supply pressure:	29 - 73 psi (2 - 5 bar)
Washing tank capacity (lt):	22
Water consumption per cycle (lt):	2.1 / 2.4
Boiler Capacity (lt):	5,8

### Key Information:

\*only available on App by Jan 2025

Baskets per hour (fast*/ glasses*/multipurpose&cups/ intensive*/MyEco):	65 / 40 / 36 / 24 / 15
Working cycles time (sec.):	55 / 90 / 100 / 150 / 240
Dishes per hour:	1170 / 720 / 648 / 432 / 270
Wash temperature:	55-65°C
Cell dimensions - width:	520 mm
Cell dimensions - depth:	540 mm
Cell dimensions - height:	400 mm
Rinse temperature:	60-85 °C
External dimensions, Width:	572 mm
External dimensions, Depth:	623 mm
External dimensions, Height:	830 mm
Packaging size (WxDxH):	740x670x1020 mm

### Performance table (norm EN IEC 63136:2019)

Tested wash cycle:	myEco
Average cycle time (Tc), sec.:	503
Power ready-to-use mode (Pu), kW:	0.26
Energy consumption for initial fill (Es), kWh:	1.37
Water consumption for initial fill (Vs), l:	21.5
Start-up time (Ts), sec.:	2316
Number of plates per rack:	18
Cleaning performance (xclean), %:	93.4
Resoiling performance (xres):	0.7
Average energy consumption (Ec), kWh:	0.26
Average water consumption (Vc), l:	1.89
Average program time (Tpr), sec.:	318

### Sustainability

Noise level:	<70 dBA
Package type:	Pallet,nylonfilm,litec angular