

Warewashing NeoBlue Touch Undercounter DW (L) with pressure boiler, rinse aid+detergent pumps, drain pump, tank filters, max 65 r/h, 3ph



400313 (ETUCLG3)

Undercounter Dishwasher (L), touch control, single skin with pressure boiler, rinse aid+detergent pumps, drain pump, tank filters, max. 65 r/h, 3 phase

# **Short Form Specification**

### Item No.

Undercounter dishwasher hot sanitation type, suitable for 500\*500mm racks. Washing performance is ensure 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. The machine is supply with removable tank filters. 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 include drain pump, detergent and rinse aid dispenser peristatic pumps. Electrical characteristics to be 380-415 volts three phase 50Hz operation, equipped with electric cable. The machine is supplied with embedded connectivity Wi-Fi module and Bluetooth APP.

#### **Main Features**

- 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.
- IPx4 water protection.
- State-of-the-art electronic controls with built-in programming, self-diagnostics for serviceability and automatic interior self-cleaning cycle.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- Built-in rinse aid and detergent dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Three phase or single phase electrical connection, convertible on-site.
- 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.
- Simple service from the front for technical purpose, by top for electronic boards; by lower panel for main components.
- Max. theoretical washing capacity in ideal condition of 65 racks or 1170 dishes per hour, with fast cycle available on APP.
- 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.
- Smooth opening for easy loading.
- Touch button user interface provide 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.
- 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.

### 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.

#### APPROVAL:





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- PVC water supply hose with metal connections resistant to high water pressure.
- Completely closed on the back by a cover plate.
- Element protection from dry fire and low water.
- The boiler drain facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.
- Large wash tank with round corners and no pipes to avoid dirt built-up.
- Incorporated drain pump to control water level in wash tank draining.
- Double skin insulated door.
- Light & thicker moulded tank filters in composite material prolong the cleanliness of the water, collecting the major part of the soil; that can be easily removed during operations.
- Unit to feature rinse aid and detergent dispenser pumps.

# Sustainability

- Water consumption 2.1 lt/rack with <b>MyEco cycle</b>.
- Average energy consumption 260walt/cycle with MyEco Cycle.
- 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  $CO_2$  equivalent per cycle. (\*Calculation by energy consumption during product usage (36 cycles/day for 300 days/year), considering a mix of energy sources as by calibrated EU database upd. values [kgCO2eq / KWh] - Source: IEA 2020 released in 2023 - The EIA Emissions Factors are specified for Electricity & Heat CO2 and include CH4 and N2O 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).
- 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.
- Washing cycles and chemicals setup adjustable by App.
- 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.
- The cardboard packaging on pallet is fully recyclable.
   The cardboard is made of 70% recycled material, and FSC\*-certified paper, printed with with eco-friendly; to ensure complete sustainability and environmental responsibility. (\* Forest Stewardship Council which is the world's leading organization for sustainable forestryuses).

### **Included Accessories**

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

### Optional Accessories

• 8lt external automatic water softener PNC 860005 🚨 Stand for undercounter dishwasher PNC 860418 • Filter for partial demineralization PNC 864017

Kit to measure total and partial water hardness	PNC	864050	
Yellow cutlery container	PNC	864242	
Filter for total demineralization		864367	
		864492	
<ul> <li>Rinse booster pump kit (50Hz) for NeoBlue Undercounter</li> </ul>	PNC	004492	_
Drain pump kit for NeoBlue	PNC	864494	
Undercounter	DNIC	0///05	
<ul> <li>Kit wash tank filters in composite material (1 central support and 2 filters) for NeoBlue Undercounter</li> </ul>	PNC	864495	
Half size basket universal	PNC	864527	
<ul> <li>Half size basket for plates</li> </ul>	PNC	864528	
Half size basket for glasses		864529	
Kit 4 plastic boxes for cutlery - yellow		865574	$\overline{\Box}$
Basket for 12 soup bowls - green		867000	$\overline{\Box}$
<ul> <li>Basket for 16 soup bowls/dinner plates -</li> </ul>		867001	
blue	1110	007001	_
<ul> <li>Basket for 18 dinner plates - yellow</li> </ul>	PNC	867002	
• Basket for 12 plates up to 300 mm - blue	PNC	867003	
<ul> <li>Basket for 5 trays 530x325 mm - red, for undercounter (top level), utensil dishwashers, hood type, rack type</li> </ul>	PNC	867006	
Basket for 48 small cups or 24 cups -	PNC	867007	
blue		00,00,	_
<ul> <li>Basket for 24 tilted cups - blue</li> </ul>	PNC	867008	
Cover rack for small and light items	PNC	867016	
(500x500 baskets)			_
<ul> <li>Baskets for 16 tilted glasses (h 120 mm - diam 100 mm) - blue</li> </ul>	PNC	867020	
<ul> <li>Basket for 16 vertical glasses (h 70 mm - diam 100 mm) - blue</li> </ul>	PNC	867023	
<ul> <li>Basket for 16 tilted glasses (h 170 mm - diam 100 mm) - blue</li> </ul>	PNC	867030	
Baskets for 16 tilted glasses (h 220 mm - diam 100 mm) - blue	PNC	867040	
Recommended Detergents			
C11 Detergent for dishwashers; one	DNIC	0S2092	
pack of 2 cans of 5lt.	FINC	032092	_
<ul> <li>C13 ECO Detergent for dishwashers;</li> </ul>	PNC	OS2093	
one pack of 2cans of 5lt.			_
• C12 Rinse aid for dishwashers; one pack of 2 cans of 5lt.	PNC	US2094	
<ul> <li>C30 Multipurpose descaler; one pack of 2 cans of 5lt.</li> </ul>	PNC	0S2362	













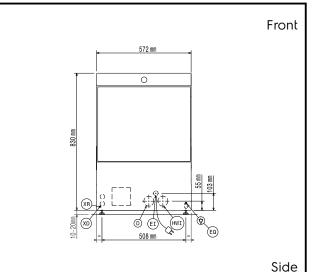


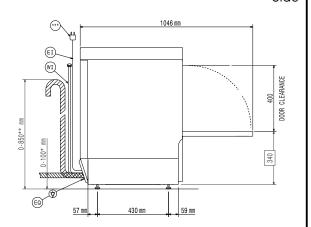
• C15 ECO Rinse aid for dishwashers; one PNC 0S2904

pack of 2 cans of 5lt.







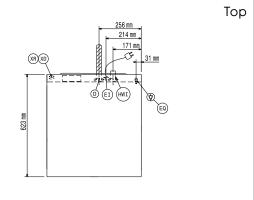


- \* Without drain pump
- \*\* With drain pump
- \*\*\*Plug only for Single Phase Machine

Drain

ΕI Electrical inlet (power) EO **Electrical Outlet** HWI Hot water inlet XD Detergent connection

Rinse aid connection





Supply voltage: 380-415 V/3N ph/50 Hz Convertible to: 230V 3~; 230V 1N~ **Default Installed Power:** 5 kW 4,5 kW Boiler heating elements: Tank heating elements: 2 kW

0.55 kW

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Water:

Wash pump size:

Pressure, min-max: 2-5 bar Water supply temperature\*: 55-65 °C Drain line size: 20.5mm

29 - 73 psi (2 - 5 bar) Inlet Water supply pressure:

Washing tank capacity (It): Water consumption per cycle

2.1 / 2.4

Boiler Capacity (It): 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

55-65°C Wash temperature: Cell dimensions - width: 520 mm Cell dimensions - depth: 540 mm 400 mm Cell dimensions - height: Rinse temperature: 60-85 °C External dimensions, Width: 572 mm External dimensions, Depth: 623 mm External dimensions, Height: 830 mm

Packaging size

(WxDxH):

740x670x1000 mm

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

Tested wash cycle: mvEco Average cycle time (Tc), sec.: 440 Power ready-to-use mode (Pu), N 19 kW: Energy consumption for initial fill (Es), kWh: 1.37 Water consumption for initial fill 21.5 (Vs), I: Number of plates per rack: 18 Cleaning performance (xclean), 999 Resoiling performance (xres): 0.3 Average energy consumption (Ec), kWh: 0.26 Average water consumption (Vc), I: 2.1

### Sustainability

sec.:

Average program time (Tpr),

Noise level: <70 dBA Package type: Box on pallet

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