

Warewashing green&clean hood type Dishwasher, Manual with ZERO LIME Device & Filtering System

ITEM #		
MODEL #		
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504256 (EHT8ILG)

Hood type dishwasher, with double skin insulated manual hood, Wash Safe Control, ZERO LIME Device, CLEAR BLUE Filtering System, built-in detergent dispenser, rinse aid dispenser and drain pump, 80r/h

Short Form Specification

Item No.

304 Stainless steel construction to include double skin insulated hood, external, front and side panels, wash tank, tank filter plus wash and rinse arms. Uses 2 liters of clean water per final rinse cycle. 84°C rinse temperature and pressure guaranteed by AISI 304 built in atmospheric boiler and built in rinse booster pump. Washing performance is guaranteed by a powerful 0.8 kW wash pump and upper and lower stainless steel revolving washing spray arms. ZERO LIME Device automatically de-scales the whole hydraulic circuit and washing chamber. Unit to feature "WASH SAFE CONTROL" led light. Green light will indicate that all items washed have been properly rinsed. CLEAR BLUE filtering system removes majority of soil from the wash water. The unit shall include drain pump, detergent and rinse aid dispenser pumps and is equipped with flexible fill hoses. Convertible from straight to corner operation Delivered on height-adjustable feet.

Main Features

- CLEAR BLUE advanced filtering system provides cleaner wash water and higher active detergent thus ensuring better washing performances and lower running costs.
- Built-in atmospheric boiler sized to raise incoming water to a minimum of minimum 84 °C for sanitizing rinse. No external booster is required. Constant temperature of 84 °C throughout the rinsing cycle regardless of the network's water pressure.
- Green light of "WASH SAFE CONTROL" confirms that items have been rinsed properly.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse.
- Incorporated Soft Start feature to offer additional protection to more delicate items.
- Slanted wash arms and sloped ceiling to avoid detergent-filled wash water dropping on clean dishes after the rinsing phase, thus guaranteeing ideal washing results.
- Cycle may be interrupted at any time by lifting the hood.
- Automatic self-cleaning cycle and self-draining vertical wash pump and boiler to avoid bacteria proliferation.
- State-of-the-art electronic controls with built-in programming, self-diagnostics for serviceability and automatic interior self-cleaning cycle.
- Built-in rinse aid and detergent dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Boiler power setting from control panel to facilitate technician's operation when reducing total installed power, thus avoiding the need of machine opening.
- Three phase electrical connection, convertible to single phase on-site.
- IP25 protection against water jets, solid objects and small animals (larger than 6 mm).
- NSF/ANSI 3 and DIN 10512 compliant.
- Maximum capacity per hour of 80 racks or 1.440 dishes (High productivity mode) easy to switch to 63 racks or 1.134 dishes (NSF/ANSI 3 mode) by pressing a button.
- 45/84/150 seconds cycles (High productivity mode); 57/84/150 seconds cycles (NSF/ANSI 3 mode).

APPROVAL:





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Construction

- Heavy duty Stainless steel construction. Internal cavity as well as exterior panels are in 304 series Stainless steel.
- Pressed tank in front position to facilitate cleaning.
- Double skin insulated hood.
- Specially designed Stainless steel wash/rinse arms and nozzles provide superior cleaning action.
- Revolving interchangeable Stainless steel wash/rinse arms above and below the rack, screw out for simple clean up.
- Pre-arranged for on-site HACCP implementation and Energy Management device.
- Element protection from dry fire and low water.
- Unit to include drain, detergent and rinse aid dispenser pumps

Sustainability

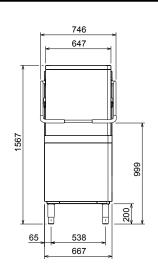
- The machine can be connected to cold water*.
- ZERO LIME Device ensures total scale removal from the boiler, the hydraulic circuits and the washing chamber allowing ultimate performances and lower energy consumption thanks to the high-efficiency heating element.
- Requires only 2 liters of water per washing cycle thus ensuring low energy, water, detergent and rinse aid consumption.

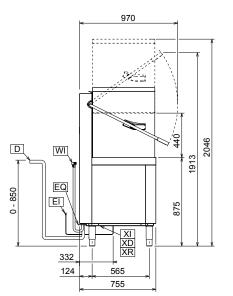
Included Accessories

•	2 of Yellow cutlery container	PNC	864242	
•	1 of Basket for 18 dinner plates - yellow	PNC	867002	
•	1 of Basket for 48 small cups or 24	PNC	867007	
	cups - blue			

 Optional Accessories Kit 8 plastic boxes for cutlery - yellow 12It external manual water softener 8It external automatic water softener 20It external manual water softener HACCP connection cable for double skin hood type 	PNC 780068 PNC 860412 PNC 860413 PNC 860430 PNC 864007	
 Stainless steel inlet hose kit Filter for partial demineralization Kit to measure total and partial water hardness 	PNC 864016 PNC 864017 PNC 864050	
 Yellow cutlery container Front control panel for double skin hood type dishwasher 	PNC 864242 PNC 864372	
External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens	PNC 864388	
 Pressure reducer for single tank dishwasher 	PNC 864461	
 Kit of rack and support to wash fryer basket 	PNC 864463	
 Kit 4 plastic boxes for cutlery - yellow Basket for 6 trays 530x370 mm - red Basket for 12 soup bowls - green Basket for 18 dinner plates - yellow Basket for 48 small cups or 24 cups - blue 	PNC 865574 PNC 866743 PNC 867000 PNC 867002 PNC 867007	
Basket for bulk cutlery-capacity: 100 pieces - brown	PNC 867009	
 Cover rack for small and light items (500x500 baskets) 	PNC 867016	
• Baskets for 25 tilted glasses (h 120 mm - diam 80 mm) - blue	PNC 867021	
• Basket for 16 vertical glasses (h 70 mm - diam 100 mm) - blue	PNC 867023	
 Basket semi-professional 500x500x190mm 	PNC 867024	
• Baskets for 16 tilted glasses (h 220 mm - diam 100 mm) - blue	PNC 867040	







XI =

Chemicals inlet (generic)

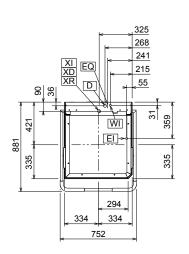
Rinse aid connection

CWII Cold Water inlet 1 D Drain

Electrical inlet (power)

Hot water inlet HWI Water inlet

EO Electrical Outlet ΧD Detergent connection



Electric

Front

Side

Supply voltage:

504256 (EHT8ILG) 400 V/3N ph/50 Hz Convertible to: 230V 1N~; 230V 3~

Default Installed Power: 9.9 kW Reducible Installed Power:* 6.9 kW

Boiler Heating Elements

9 kW Power: **Boiler Reducible To:*** 6 kW Tank heating elements: 3 kW

Water:

Drain line size: 20.5mm Inlet water supply pressure: 0.5-7 bar Boiler Capacity (It): 12 Tank Capacity (It): 24

Key Information:

N° of cycles:

Duration cycle:* 45/84/150 sec.

Duration cycle - NSF/ANSI

57/84/150 sec. 3 compliant:

Racks per hour:* 80

Racks per hour - NSF/ANSI

3 compliant: 63 Dishes per hour:* 1440

Dishes per hour - NSF/ANSI

3 compliant: 1134 55-65 °C Wash temperature:

Wash temperature - NSF/

ANSI 3 compliant: 75 °C Rinse temperature: 84 °C External dimensions, Width: 752 mm External dimensions, Depth: 755 mm External dimensions, Height: 1567 mm Net weight: 117 kg 132 kg Shipping weight: Shipping volume: 1.23 m³

Packaging size

(WxDxH): 920x770x1730 mm

Top NOTE:

If the water supply temperature is less than 50°C, it is necessary to request higher power to maintain productivity.

Air Emission:

Latent heat: 500 W Sensible heat: 2000 W

Sustainability

Water supply temperature*: 10-65 °C

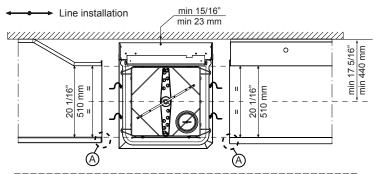
Water consumption per cycle (It)**:

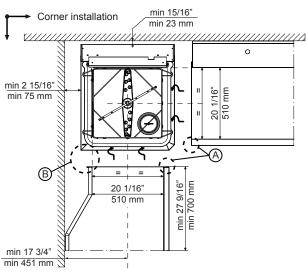
Noise level: <63 dBA

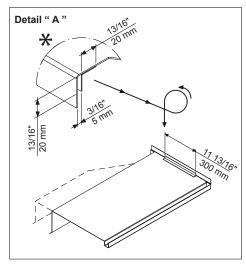
According to market standard, the productivity is declared at an inlet water supply temperature of 50°C . If the water is supplied at 65°C , the power can be reduced by 3 kW without any loss in productivity.

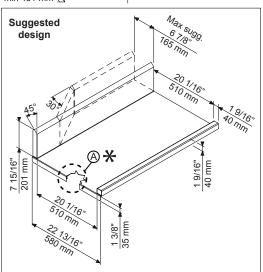


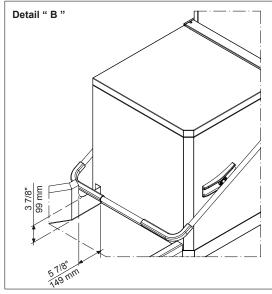
Recommended table connection











All tables must be connected to the dishwashing units according to local regulations and industry standards which may differ from the recommendations herein suggested. Electrolux Professional is not liable for any failure in complying with local design standards.

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