Electrolux PROFESSIONAL

Warewashing green&clean Hood Type dishwasher, single skin, 80r/h with Energy Saving Device

ITEM #

MODEL #

NAME #

SIS #

AIA #



520502 (EHT80EROW) Hood Type Dishwasher, with single skin manual hood, atmospheric boiler, built-in rinse aid dispenser, ESD, 80r/h - S.E. Asia, China, India

Short Form Specification

Item No.

304 Stainless steel construction to include single skin 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 built in atmospheric boiler and built in rinse booster pump. Unit to feature "WASH SAFE CONTROL" led light. Green light will indicate that all items washed have been properly rinsed. Energy Saving Device recovers the heat inside the machine to heat-up the incoming water to the boiler. Washing performance is guaranteed by a powerful 0.8 kW wash pump and upper and lower stainless steel revolving washing spray arms. The unit shall include rinse aid dispenser pump and is equipped with flexible fill hoses. Convertible from straight to corner operation and delivered on height-adjustable feet.

APPROVAL:

Main Features

- 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).
- 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.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- Incorporated Soft Start feature to offer additional protection to more delicate items.
- 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.
- 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).
- Green light of "WASH SAFE CONTROL" confirms that items have been rinsed properly.
- Slanted wash arms to avoid detergent-filled wash water dropping on clean dishes before the rinsing phase, thus guaranteeing ideal washing results.

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.
- Single skin hood supported by 3 springs to ensure smooth movement and guarantee operator safety.
- 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.

Sustainability

- Built-in high efficiency Energy Saving Device (ESD) transfers the heat captured inside the machine to the incoming cold water before entering the boiler,

thus saving energy; no ventilation hood is needed for the machine (depending on local regulation and conditional on compliance with VDI 2052).

- Requires only 2 liters of water per washing cycle thus ensuring low energy, water, detergent and rinse aid consumption.

Included Accessories

• 1 of Stabbing basket 18 dishes 500x500mm	PNC 888023	
• 1 of Flat basket for cutlery containers 500x500mm	PNC 888024	

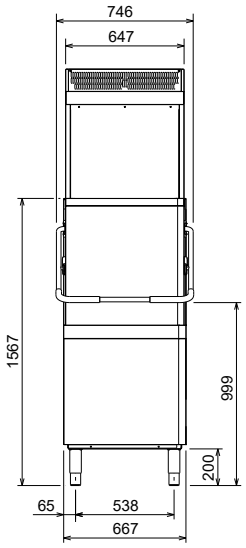
Optional Accessories

• Drain pump kit for single skin hood type	PNC 864346	❑
• Rinse aid dispenser kit for hood type	PNC 864368	❑
• Detergent dispenser kit for hood type	PNC 864369	❑
• Deliming device kit for Hood Type (drain pump included)	PNC 864391	❑
• Stabbing basket 18 dishes 500x500mm	PNC 888023	❑
• Flat basket for cutlery containers 500x500mm	PNC 888024	❑
• Power cord 3,5 m	PNC 888025	❑

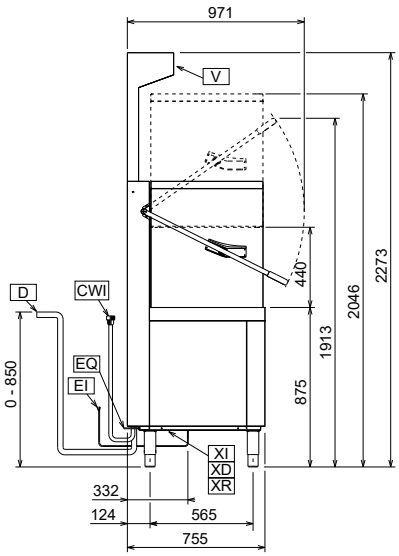
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Front

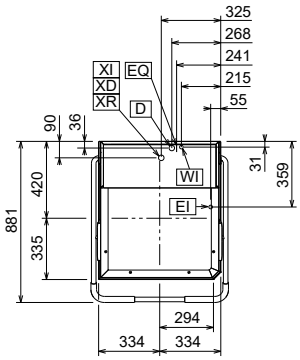


Side



CWI1 = Cold Water inlet 1 (cleaning)
D = Drain
EI = Electrical inlet (power)
EO = Electrical Outlet
HWI = Hot water inlet
V = Vents
WI = Water inlet

Top



Electric

Supply voltage:	400 V/3N ph/50 Hz
Convertible to:	230V 1N~; 230V 3~
Default Installed Power:	9.9 kW
Tank heating elements:	3 kW
Wash pump size:	0.8 kW
Boiler Heating Elements Power:	9 kW

Water:

Water supply temperature*:	10-20 °C
Drain line size:	20.5mm
Inlet water supply pressure:	0.5-7 bar
Water consumption per cycle (lt):	/ 2
Boiler Capacity (lt):	12
Tank Capacity (lt):	24

Key Information:

* productivity guaranteed at any supply temperature allowed in the range above. To ensure full energy recovery, an extra 11 seconds is required.

N° of cycles:	3
Duration cycle:*	45/84/150 sec.
Duration cycle - NSF/ANSI 3 compliant:	57/84/150 sec.
Wash temperature:	75°C
Racks per hour:*	80
Racks per hour - NSF/ANSI 3 compliant:	63
Dishes per hour:*	1440
Dishes per hour - NSF/ANSI 3 compliant:	1134
Wash temperature - NSF/ ANSI 3 compliant:	75 °C
Rinse temperature:	84 °C
External dimensions, Width:	746 mm
External dimensions, Depth:	755 mm
External dimensions, Height:	2273 mm
Net weight:	150 kg
Shipping weight:	117 kg
Shipping weight (ESD):	36 kg
Shipping height:	1730 mm
Shipping width:	920 mm
Shipping depth:	770 mm
Shipping volume:	1.23 m³
Shipping volume (ESD):	0.33 m³
Packaging size ESD (WxDxH):	740x930x480 mm

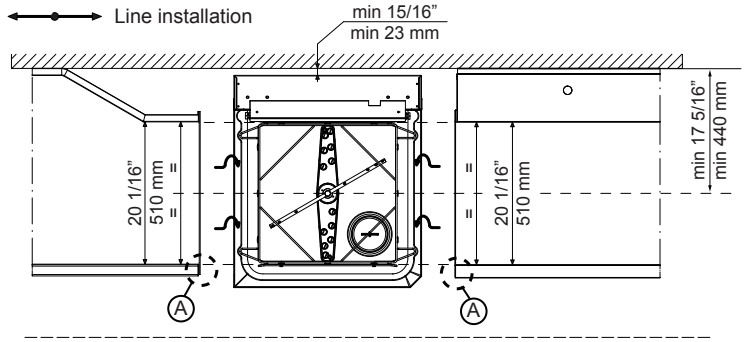
Air Emission:

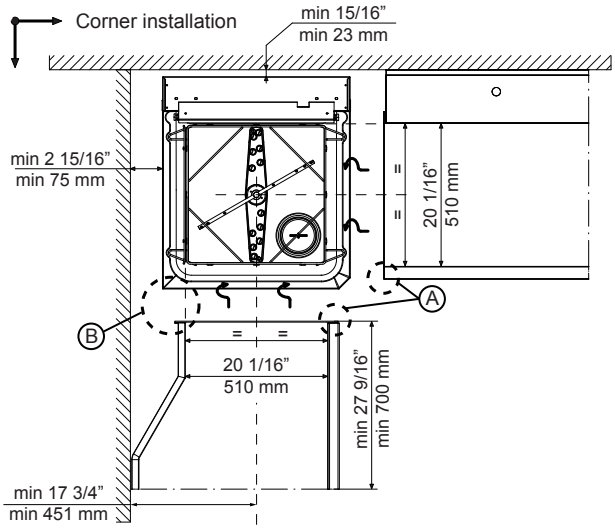
Air humidity:	
520502 (EHT80EROW)	55%
Air Flow:	
520502 (EHT80EROW)	28 m³/h
Air temperature:	26 - 29 °C

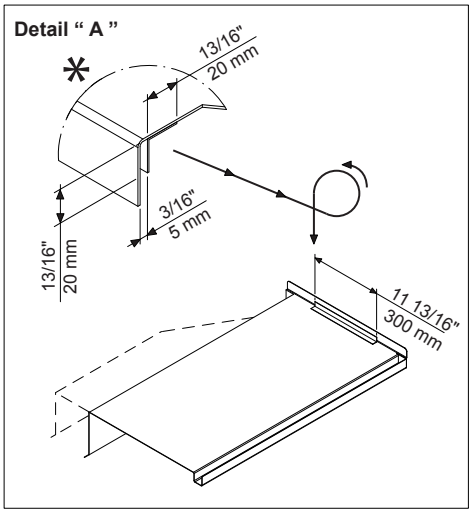
Sustainability

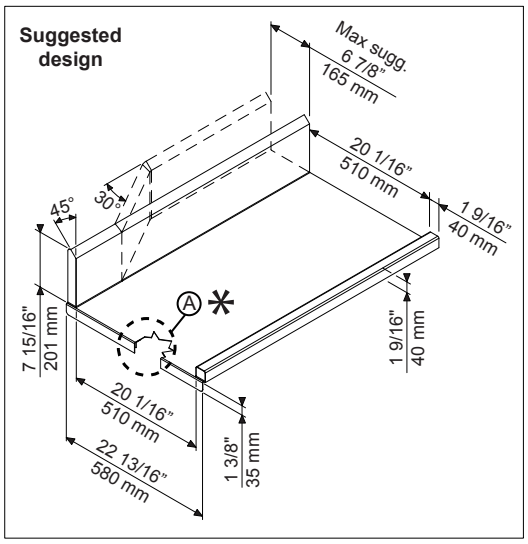
Noise level:	<68 dBA

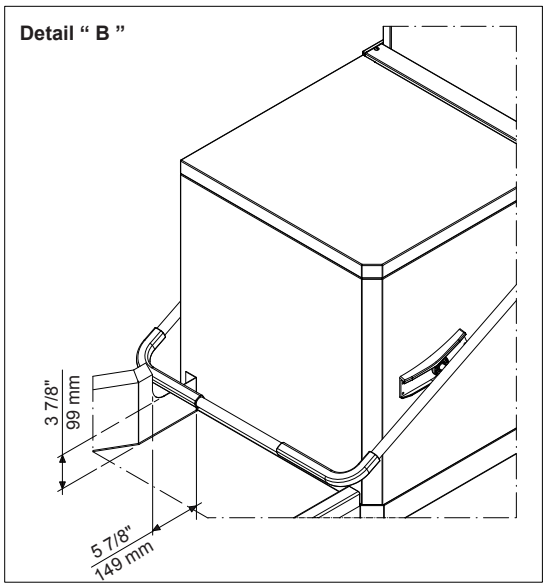
Recommended table connection











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.

Doc Nr : 59566BF00

The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

2026.04.27