![Electrolux Professional logo]

Warewashing green&clean hood type dishwasher, 80r/h with Drain Pump & Detergent Dispenser, Energy Saving Device

504297 (EHT8EG)

Hood Type Dishwasher, with single skin manual hood, atmospheric boiler, built-in detergent dispenser, rinse aid dispenser and drain pump, ESD, 80r/h

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 drain pump, detergent and rinse aid dispenser pumps and is equipped with flexible fill hoses. Convertible from straight to corner operation and delivered on height-adjustable feet.

Main Features

- Requires only 2 liters of water per washing cycle thus ensuring low energy, water, detergent and rinse aid consumption.
- 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.
- Slanted wash arms 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).
- Green light of "WASH SAFE CONTROL" confirms that items have been rinsed properly.

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.
- Unit to include drain, detergent and rinse aid dispenser pumps

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

Optional Accessories
|		
Kit 8 plastic boxes for cutlery - yellow	PNC 780068	❏
12lt external manual water softener	PNC 860412	❏
8lt external automatic water softener	PNC 860413	❏
20lt external manual water softener	PNC 860430	❏
Connectivity kit for Double Skin Hood Type Dishwashers (ECAP)	PNC 864007	❏
Stainless steel inlet hose kit	PNC 864016	❏
Filter for partial demineralization	PNC 864017	❏
Kit to measure total and partial water hardness	PNC 864050	❏
Yellow cutlery container	PNC 864242	❏
CLEAR BLUE Filtering System kit for single skin hood type	PNC 864329	❏
Filter for total demineralization	PNC 864367	❏
Front control panel for single skin hood type dishwasher	PNC 864374	❏
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 of 100mm feet for Hood Type Dishwasher	PNC 864464	❏
ZERO LIME device kit with pump and air gap for hood type	PNC 864526	❏
Connecting kit for duet manual hood type dishwasher	PNC 865264	❏
Feet for Hood type dishwashers - marine	PNC 865492	❏
Extra heavy rack support for hood type dishwasher	PNC 865493	❏
Kit 4 plastic boxes for cutlery - yellow	PNC 865574	❏
Basket for 6 trays 530x370 mm - red	PNC 866743	❏
Basket for 12 soup bowls - green	PNC 867000	❏
Basket for 18 dinner plates - yellow	PNC 867002	❏
Basket for 48 small cups or 24 cups - blue	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	❏

Front

Side

Top
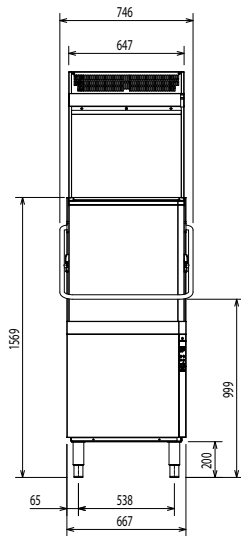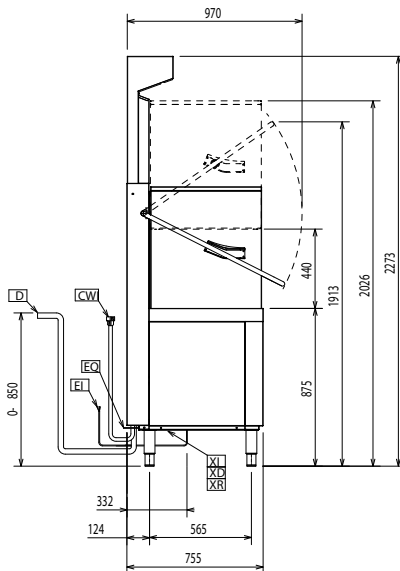
CWI1 = Cold Water inlet 1 (cleaning)
D = Drain
EI = Electrical inlet (power)
EO = Electrical Outlet
V = Vents
WI = Water inlet
XD = Detergent connection
XI = Chemicals inlet (generic)
XR = Rinse aid connection
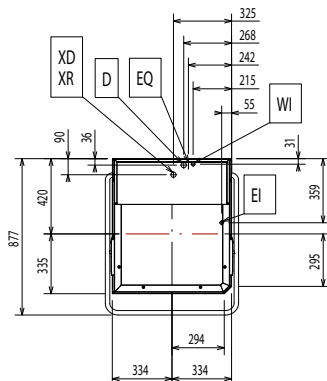
Electric

Supply voltage:	
504297 (EHT8EG)	400 V/3N ph/50 Hz
Convertible to:	230V 1N~; 230V 3~
Default Installed Power:	9.9 kW
Boiler Heating Elements Power:	9 kW
Tank heating elements:	3 kW
Wash pump size:	0.8 kW

Water:

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

Key Information:

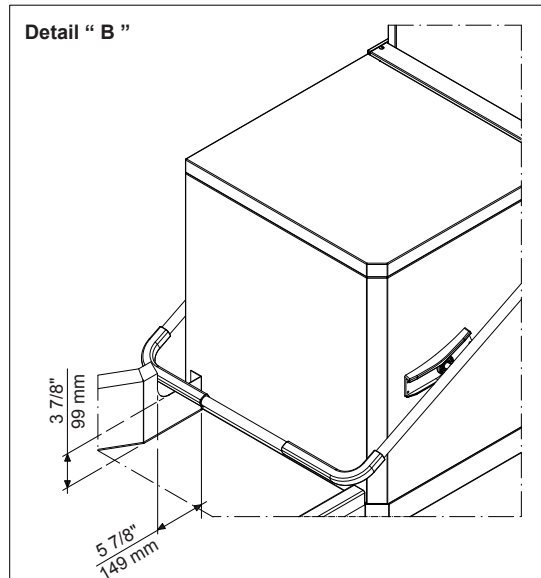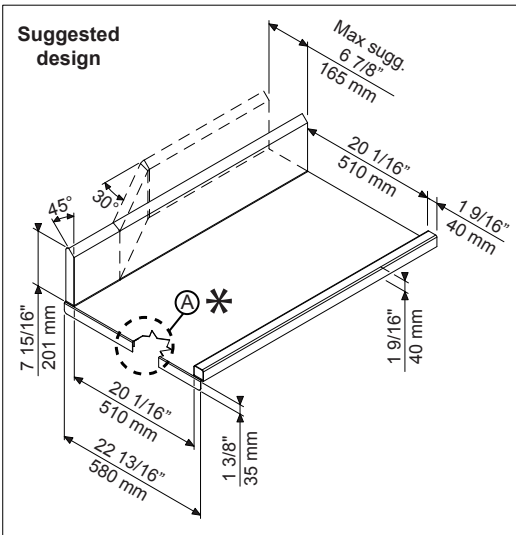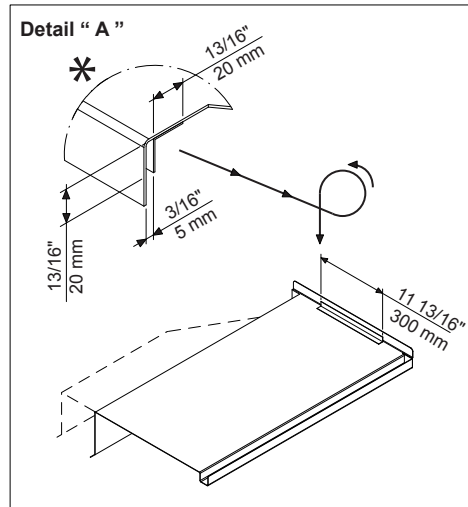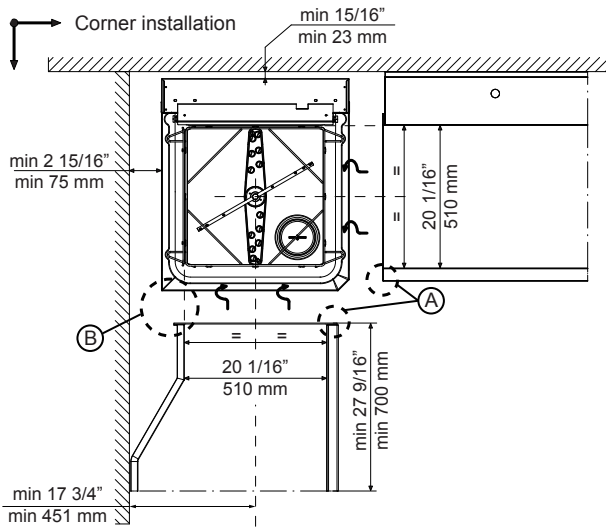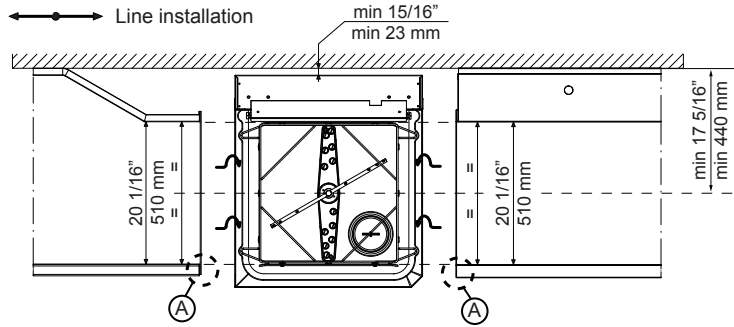|	
N° of cycles:	3
Duration cycle:*	45/84/150 sec.
Duration cycle - NSF/ANSI 3 compliant:	57/84/150 sec.
Racks per hour:*	80
Racks per hour - NSF/ANSI 3 compliant:	63
Dishes per hour:*	1440
Dishes per hour - NSF/ANSI 3 compliant:	1134
Wash temperature:	55 °C
Wash temperature - NSF/ANSI 3 compliant:	75 °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:	119 kg
Shipping weight (ESD):	36 kg
Shipping volume:	1.26 m³
Shipping volume (ESD):	0.33 m³
Packaging size (WxDxH):	930x790x1720 mm
Packaging size ESD (WxDxH):	740x930x480 mm
Shipping weight (ESD):	79 lbs (36 kg)
Noise level:	<68 dBA

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

Air Emission:

Air Flow:	28 m³/h
Air temperature:	26 - 29 °C
Air humidity:	55%
Latent heat:	350 W
Sensible heat:	1490 W

Recommended table connection

Line installation

min 15/16"
min 23 mm

20 1/16"
510 mm

20 1/16"
510 mm

min 17 5/16"
min 440 mm

Ⓐ   Ⓐ

Corner installation

min 15/16"
min 23 mm

min 2 15/16"
min 75 mm

20 1/16"
510 mm

20 1/16"
510 mm

min 27 9/16"
min 700 mm

min 17 3/4"
min 451 mm

Ⓑ   Ⓐ

Detail " A "

13/16"
20 mm

3/16"
5 mm

13/16"
20 mm

11 13/16"
300 mm

Suggested design

Max sugg.
6 7/8"
165 mm

20 1/16"
510 mm

1 9/16"
40 mm

45°

30°

7 15/16"
201 mm

1 9/16"
40 mm

20 1/16"
510 mm

1 3/8"
35 mm

22 13/16"
580 mm

Ⓐ ✲

Detail " B "

3 7/8"
99 mm

5 7/8"
149 mm

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

Warewashing
green&clean hood type dishwasher, 80r/h with Drain Pump & Detergent Dispenser, Energy Saving Device
The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

2022.11.14