Electrolux PROFESSIONAL

ITEM #

MODEL #

NAME #

SIS #

AIA #

Warewashing
Hood Type XL Utensil Washer, double skin manual hood, built-in detergent & rinse, ESD

520529 (EHT60XLG-ESD) Hood Type XL Utensil Washer with drain pump, detergent and rinse aid dispensers, Energy Saving Device (ESD), 60 b/h

Short Form Specification

Item No.

304 Stainless steel construction to include double skin hood, external, front and side panels, wash tank, tank filter plus wash and rinse arms. Uses 2.5 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. The unit shall include drain pump, detergent and rinse aid dispenser pumps. Washing performance is guaranteed by a powerful 0.8 kW wash pump and upper and lower stainless steel revolving washing spray arms. The unit is equipped with flexible fill hoses. Delivered on height-adjustable feet. Energy Saving Device recovers the heat inside the machine to heat-up the incoming water to the boiler.

Main Features

- Field convertible from straight to corner operation.
- Green light of "WASH SAFE CONTROL" confirms that items have been rinsed properly.
- Maximum capacity per hour of 60 racks.
- Equipped with specific stainless steel rack designed for perfect washing result on trays, boxes and containers.
- The unit has pre-arranged wiring hardness for easy adapt the user interface on left or right position.
- Pre-arranged to be connected using RS485 cable for on-site HACCP implementation and to an external gateway by means of the modbus protocol.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- 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.
- Boiler power setting from control panel to facilitate technician's operation when reducing total installed power, thus avoiding the need of machine opening.
- 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 electrical connection, convertible to single phase on-site.
- IP25 protection against water jets, solid objects and small animals (larger than 6 mm).
- 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.
- 60/90/150 seconds cycles.
- NSF/ANSI 3 and DIN 10512 compliant.

APPROVAL:

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Construction

- Incorporated drain pump to control water level in wash tank draining.
- Heavy duty Stainless steel construction. Internal cavity as well as exterior panels are in 304 series Stainless steel.
- Prearranged for IoT via on-board communication port. Real-time data transfer of machine status, temperature, alarms, washing cycles performed, cleaning and sanitizing cycles and main diagnostic parameters.
- Pressed tank in front position to facilitate cleaning.
- 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.
- Element protection from dry fire and low water.
- Double skin hood supported by 4 springs to ensure smooth movement and guarantee operator safety.
- Unit to include drain, detergent and rinse aid dispenser pumps

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).
- The machine can be connected to cold water.
- Requires only 2.5 liters of water per washing cycle thus ensuring low energy, water, detergent and rinse aid consumption.

Included Accessories

• 1 of Stainless steel rack for trays, boxes, containers for Hood Type XL	PNC 888019
• 1 of Flat basket for cutlery containers 500x500mm	PNC 888024

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	❑
• External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens	PNC 864388	❑
• Kit of 100mm feet for Hood Type Dishwasher	PNC 864464	❑
• ZERO LIME device kit with pump and air gap for hood type	PNC 864526	❑
• 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	❑

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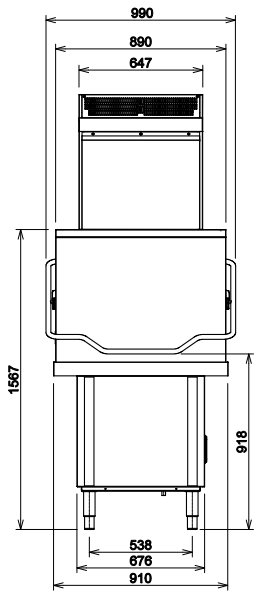
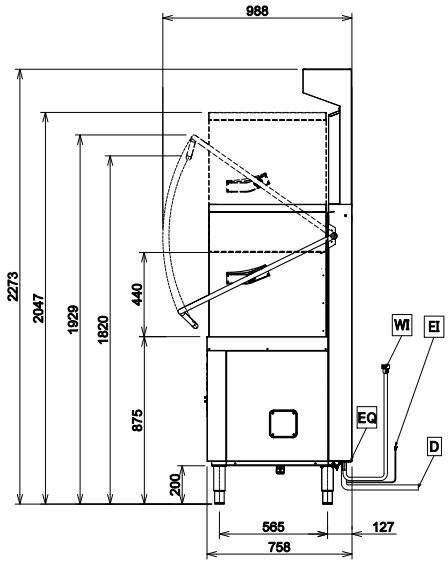
Front

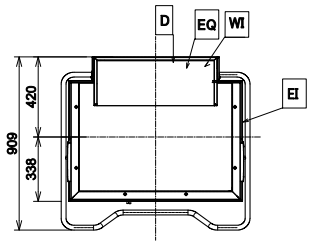


Side



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

Top



Electric

Supply voltage:	
520529 (EHT60XLG-ESD)	380-415 V/3N ph/50 Hz
Convertible to:	
Default Installed Power:	9.9 kW
Boiler Heating Elements Power:	9 kW
Tank heating elements:	3 kW
Wash pump size:	0.8 kW

Water:

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

Key Information:

N° of cycles:	3
Duration cycle:*	60/90/150 sec.
Wash temperature:	55-65 °C
Wash temperature - NSF/ ANSI 3 compliant:	75 °C
Rinse temperature:	84 °C
Rinse temperature - NSF/ ANSI 3 compliant:	86 °C
External dimensions, Width:	990 mm
External dimensions, Depth:	988 mm
External dimensions, Height:	2273 mm
Net weight:	182 kg
Shipping weight:	162 kg
Shipping weight (ESD):	36 kg
Shipping height:	1720 mm
Shipping width:	980 mm
Shipping depth:	1040 mm
Shipping volume:	1.75 m³
Shipping volume (ESD):	0.33 m³
Packaging size ESD (WxDxH):	730x930x480 mm
Washing chamber, WxHxD:	840 / 440 / 560 mm

Air Emission:

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

* For ESD models, the inlet water supply to boiler will be 10-20°C.To maximize energy recovery, ESD will work extra 11 seconds at the end of rinsing

Sustainability

Water supply temperature*:	10-20 °C
Water consumption per cycle (lt):	2.5
Noise level:	<63 dBA

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