

Warewashing

Undercounter WSC, double skin, drain pump, detergent & rinse aid dispensers, 720d/h

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____


502707 (ELA11G)

Undercounter Dishwasher with WASH-SAFE CONTROL, double skin, built-in drain pump, detergent and rinse aid dispensers, 1 phase, 720d/h

Short Form Specification

Item No.

Unit shall be Electrolux Professional green&clean undercounter dishwasher type hot water rinsing using rack dimension of 500*500mm with WASH SAFE CONTROL. Electrical characteristics to be 230 volts single phase 50Hz operation, convertible to three phase on-site. Washing performance is ensure by a powerful wash pump, large capacity wash tank, upper and lower revolving spray arms. Soft start wash pump to avoid accidental breakage of crystal wares. Constant rinse temperature and pressure guaranteed by built-in atmospheric boiler and rinse booster pump. Unit to feature "Wash-Safe Control" led light. Green light will indicate that all washed items have been properly rinsed. Uses 2.5 liters of clean water per final rinse. Three automatic cycles for different types of wares. Double skin insulated, counter-balance door. Double skin cabinet. Pressed wash tank with round corners. 304 AISI stainless steel construction to include door, external panels, frame, wash tank, tank filters, wash arms and rinse arms. Electronic control with temperature display. Automatic self-cleaning cycle. The unit shall include drain pump, detergent and rinse aid dispenser pumps and is equipped with electric cable.

Main Features

- Incorporated Soft Start feature to offer additional protection to more delicate items.
- Washing system endowed with rotating washing arms, high powered wash pump and large capacity boiler for professional washing.
- 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.
- Simple control panel with digital display allows on-site personalization of washing and rinsing cycle times and temperatures as well as precise rinse aid and detergent quantities to suit customer's needs.
- Simple service from the front.
- IPx4 water protection.
- Pre-arrangement for HACCP system implementation and Energy Management device.
- Digital read-out keeps operator informed as to temperatures.
- 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.
- Constant temperature of 84 °C throughout the rinsing cycle regardless of the network's water pressure and temperature.
- Double skinned insulated wall ensures a low noise level and a reduction in heat loss from the machine.
- Green light of "WASH SAFE CONTROL" confirms that items have been rinsed properly.
- High efficiency air gap (class A) in water inlet circuit to avoid water being siphoned back into the network as a result of a sudden drop in main pressures.
- Low noise level.
- Three phase or single phase electrical connection, convertible on-site.
- Washing capacity of 40 baskets or 720 dishes per hour.
- Slanted wash arms to avoid detergent-filled wash water dropping on clean dishes after the rinsing phase, thus guaranteeing ideal washing results.
- Built-in atmospheric boiler sized to raise incoming water to 84 °C minimum for sanitizing rinse. No external booster is required.
- Solid double skinned counter-balance door with hurt-free handle fully in stainless steel.
- An effective rinse system uses only 2,5 litres of clean hot water per basket for lower running costs.
- Built-in rinse aid and detergent dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.

Construction

- Unit to feature smooth surfaces to facilitate

APPROVAL: _____

cleaning.

- 304 stainless steel boiler with higher welding protection to increase resistance to corrosion.
- 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.
- Interchangeable wash/rinse arms screw out for simple clean up.
- The boiler drain facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.
- Incorporated drain pump to control water level in wash tank draining.
- Large deep drawn wash tank and internal wash area with round corners and no pipes to avoid dirt built-up.
- Revolving Stainless steel wash/rinse arms above and below the basket.
- Large tank filter collects the soil to keep the wash water clean for a longer time and have better washing performance.
- Front panel, door, wash tank, tank filters, wash arms and rinse arms made in heavy duty anti-corrosive 304 AISI stainless steel.
- Unit to feature drain pump, rinse aid and detergent dispenser pumps.

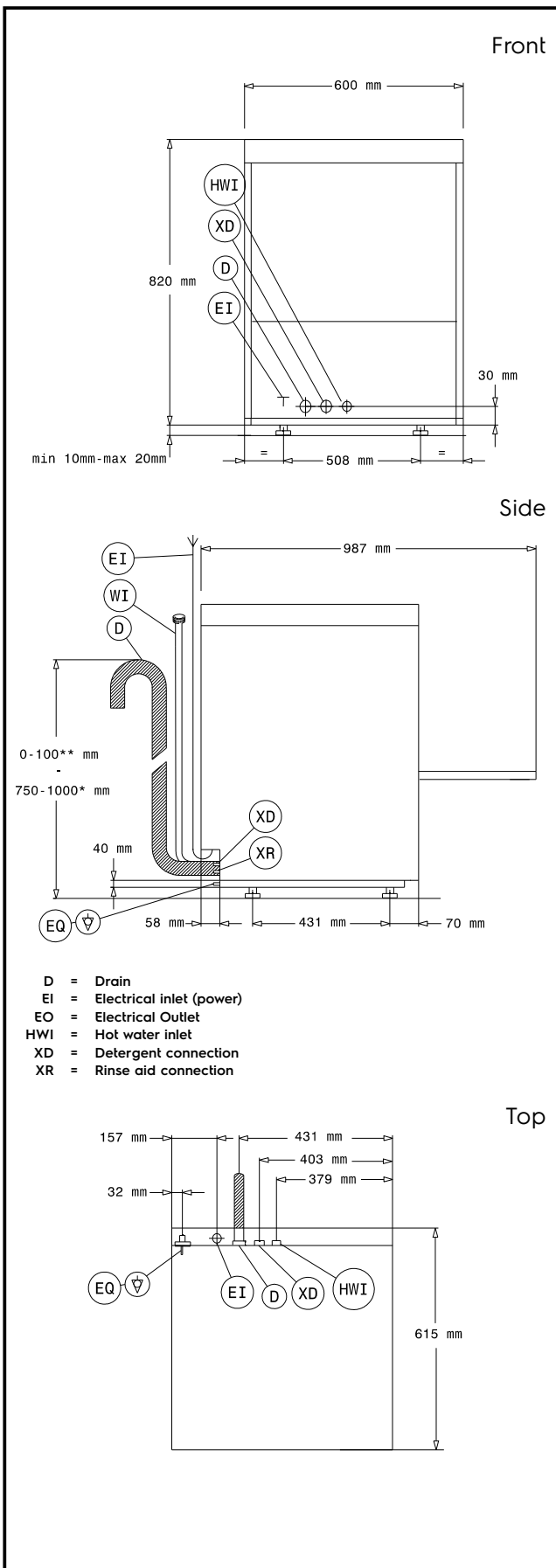
- Basket for 5 trays 530x325 mm - red, for PNC 867006
undercounter (top level), utensil
dishwashers, hood type, rack type
- Basket for 48 small cups or 24 cups - PNC 867007
blue
- Wire basket for 12 plates up to 320 mm PNC 867014
- Cover rack for small and light items PNC 867016
(500x500 baskets)
- Basket for long stem wine glasses PNC 867019
- Basket for 16 vertical glasses (h 70 mm - PNC 867023
diam 100 mm) - blue
- Basket semi-professional PNC 867024
500x500x190mm

Included Accessories

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

Optional Accessories

- 12lt external manual water softener PNC 860412
- 8lt external automatic water softener PNC 860413
- Stand for undercounter dishwasher PNC 860418
- 20lt external manual water softener PNC 860430
- External detergent level probe kit PNC 864004
- External rinse aid level probe kit PNC 864005
- Kit 4 castors for double skin PNC 864008
undercounter dishwashers
- Kit 4 flanged feet for undecounter PNC 864009
dishwashers
- Stainless steel inlet hose kit PNC 864016
- Filter for partial demineralization PNC 864017
- Kit to measure total and partial PNC 864050
water hardness
- Yellow cutlery container PNC 864242
- Filter for total demineralization PNC 864367
- External reverse osmosis filter for PNC 864388
single tank Dishwashers with
atmosphere boiler and Ovens
- Pressure reducer for single tank PNC 864461
dishwasher
- Half size basket universal PNC 864527
- Half size basket for plates PNC 864528
- Half size basket for glasses PNC 864529
- Kit 4 plastic boxes for cutlery - PNC 865574
yellow
- Basket for 18 dinner plates - yellow PNC 867002



Electric

Supply voltage:	502707 (ELAIIG)	230 V/1 ph/50 Hz
Convertible to:		400V 3N~; 230V 3~
Default Installed Power:		5.35 kW
Boiler heating elements:		4,5 kW
Tank heating elements:		2 kW
Wash pump size:		0.736 kW

Water:

Pressure, bar min/max:	0.5-7 bar
Water supply temperature*:	50 °C
Drain line size:	20.5mm
Inlet Water supply pressure:	7 - 102 psi (0.5 - 7 bar)
Washing tank capacity (lt):	23
Water consumption per cycle (lt):	2.5
Boiler Capacity (lt):	12

Key Information:

Baskets per hour*:	40
Dishes per hour:	720
Working cycles time (sec.):	90/120/240
Wash temperature:	55-65°C
Cell dimensions - width:	500 mm
Cell dimensions - depth:	500 mm
Cell dimensions - height:	335 mm
Rinse temperature:	84 °C
External dimensions, Width:	600 mm
External dimensions, Depth:	615 mm
External dimensions, Height:	820 mm
Packaging size (WxDxH):	740x670x1020 mm
Noise level:	61 dBA