

**502759 (ZLAI3GS)**

Undercounter Dishwasher with ACTIVE Guaranteed Rinse System, double skin, built-in drain pump, high-resistance corrugated drain pipe, detergent and rinse aid dispensers, 3 phase, 720d/h

**Main Features**

- 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.
- Incorporated Soft Start feature to offer additional protection to more delicate items.
- Constant temperature of 84 °C throughout the rinsing cycle regardless of the network's water pressure and temperature.
- Built-in rinse aid and detergent dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Digital read-out keeps operator informed as to temperatures.
- Double skinned insulated wall ensures a low noise level and a reduction in heat loss from the machine.
- 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.
- IPx4 water protection.
- Low noise level.
- State-of-the-art electronic controls with built-in programming, self-diagnostics for serviceability and automatic interior self-cleaning cycle.
- Three phase or single phase electrical connection, convertible on-site.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- Washing capacity of 40 baskets or 720 dishes per hour.
- Washing system endowed with rotating washing arms, high powered wash pump and large capacity boiler for professional washing.
- 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.
- 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.
- Green light of Guaranteed Rinse System (ACTIVE) confirms that items have been rinsed properly.

## Construction

- Element protection from dry fire and low water.
- Incorporated drain pump to control water level in wash tank draining.
- Interchangeable wash/rinse arms screw out for simple clean up.
- 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.
- The boiler drain facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.
- Unit to feature smooth surfaces to facilitate 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.
- 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.
- Equipped with high resistant corrugated drain pipe.

## Sustainability

- Pre-arrangement for HACCP system implementation and Energy Management device.
- Unit to feature drain pump, rinse aid and detergent dispenser pumps.

## Included Accessories

| PNC Code | Description                                                       | Quantity |
|----------|-------------------------------------------------------------------|----------|
| 864242   | Yellow cutlery container                                          | 2        |
| 867002   | Basket for 18 dinner plates or 27 side plates (max. diam. 240 mm) | 1        |
| 867007   | Basket for cups and coffee cups (24-48 pcs) - blue                | 1        |

## Optional Accessories

| PNC Code       | Description                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------|
| <b>Baskets</b> |                                                                                                  |
| 864242         | Yellow cutlery container                                                                         |
| 864527         | Half size basket universal                                                                       |
| 864528         | Half size basket for plates                                                                      |
| 864529         | Half size basket for glasses                                                                     |
| 864532         | Basket for 18 plates up to 240 mm - grey                                                         |
| 864533         | Basket for cutlery with 8 dividers - grey                                                        |
| 865574         | Set of 4 yellow cutlery containers                                                               |
| 867002         | Basket for 18 dinner plates or 27 side plates (max. diam. 240 mm)                                |
| 867006         | Basket for 5 trays 530x325 mm - red, for undercounter, utensil dishwashers, hood type, rack type |
| 867007         | Basket for cups and coffee cups (24-48 pcs) - blue                                               |
| 867014         | Basket for 12 pizza plates diam. up to 320 mm, wire basket                                       |
| 867016         | Cover grid for small/light items in rack                                                         |
| 867019         | Basket for long stem wine glasses                                                                |

| PNC Code                      | Description                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------|
| <b>Baskets</b>                |                                                                                              |
| 867023                        | Basket for 16 glasses max. height: 70 mm - blue                                              |
| 867024                        | Basket semi-professional (500x500x190mm)                                                     |
| <b>Installation solutions</b> |                                                                                              |
| 860418                        | Stand for undercounter dishwasher                                                            |
| 864004                        | External detergent level probe kit                                                           |
| 864005                        | External rinse aid level probe kit                                                           |
| 864008                        | Kit of 4 castors for double skinned undercounter dishwasher                                  |
| 864009                        | Kit 4 flanged feet for undercounter dishwashers                                              |
| 864016                        | Stainless steel inlet hose kit                                                               |
| 864461                        | Pressure reducer for single tank dishwasher                                                  |
| <b>Water treatment</b>        |                                                                                              |
| 860005                        | External automatic water softener - 8 lt                                                     |
| 860412                        | External manual water softener - 12 lt                                                       |
| 860430                        | External manual water softener - 20 lt                                                       |
| 864017                        | Filter for partial demineralization                                                          |
| 864050                        | Kit to measure total/partial water hardness                                                  |
| 864367                        | Filter for total demineralization                                                            |
| 864388                        | External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens |
| <b>Other accessories</b>      |                                                                                              |
| 864026                        | External reverse osmosis filter for ACTIVE undercounter and hood type                        |
| 913702                        | PPE-L/UC KIT BASKET INSERT FOR 4 BREATHING MASKS                                             |
| 913703                        | PPE-UC KIT BASKET WITH HOLDER FOR 8 LUNG REGULATORS                                          |
| 913705                        | PPE-UC UNIVERSAL BASKET SST 500x500MM                                                        |

## Recommended Detergents

| PNC Code | Description                                                       |
|----------|-------------------------------------------------------------------|
| OS2092   | DETERGENT FOR DISHWASHERS C11 2PCSx5L                             |
| OS2093   | ECODETERGENT C13 2pzx5L CASSA BOX-4G                              |
| OS2094   | RINSE AID FOR DISHWASHERS C12 2pzx5L ADR & IMDG Limited Quantity  |
| OS2281   | C11 DETERGENT FOR DISHWASHERS; 20L CAN                            |
| OS2362   | C30-MULTIPURPOSE DESCALER; 2PCS x 5L; ADR & IMDG LIMITED QUANTITY |
| OS2904   | C15 ECO RINSE AID; 2PZ X 5L; ADR & IMDG & IATA LIMITED QUANTITY   |

# Technical specifications

## Electric

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

## Water:

|                                   |                           |
|-----------------------------------|---------------------------|
| Chlorides:                        | ppm                       |
| 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): | 0 / 2.5                   |
| Boiler Capacity (lt):             | 12                        |

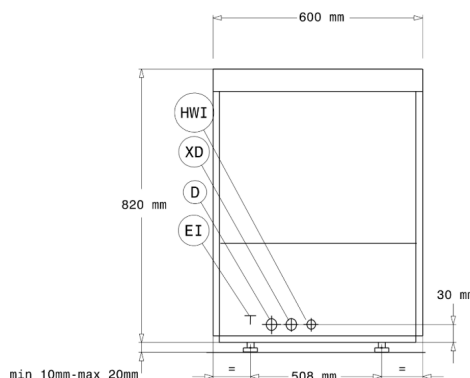
## Key Information:

|                             |         |
|-----------------------------|---------|
| Wash temperature:           | 55-65°C |
| Rinse temperature:          | 84 °C   |
| External dimensions, Width: | 600 mm  |
| External dimensions, Depth: | 615 mm  |
| Weight:                     | 68 kg   |

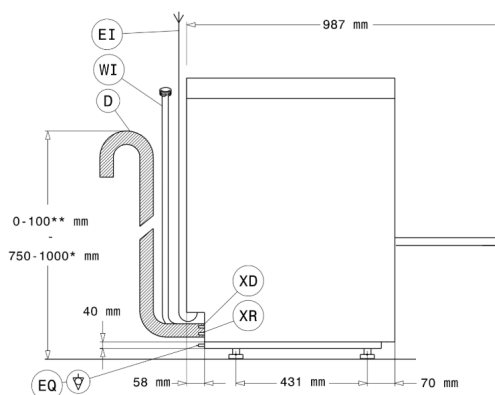
## Sustainability

|              |        |
|--------------|--------|
| Noise level: | 61 dBA |
|--------------|--------|

## Front

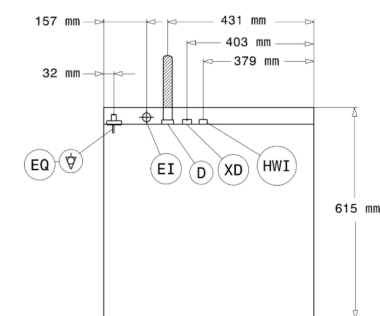


## Side



\* With drain pump  
\*\* Without drain pump

## Top



D = Drain  
EI = Electrical inlet (power)  
HWI = Hot water inlet  
XD = Detergent connection  
EO = Electrical Outlet

