

**504270 (ZHT8TIEL)**

Hood type dishwasher, with double skin insulated automatic hood, guaranteed rinse system (Active), energy saving device, automatic deliming device, advanced filtering system, built-in rinse aid dispenser and drain pump, 80r/h

Main Features

- Incorporated Soft Start feature to offer additional protection to more delicate items.
- Automatic start on hood closure and automatic hood lifting when cycle ends.
- Built-in rinse aid dispenser with automatic initial and continuous cycle loading for perfect result while minimizing service and maintenance needs.
- Cycle may be interrupted at any time by lifting the hood.
- State-of-the-art electronic controls with built-in programming, self-diagnostics for serviceability and automatic interior self-cleaning cycle.
- Three phase electrical connection, convertible to single phase on-site.
- Unique temperature interlock guarantees required temperatures in both the wash and final rinse in case of emergency cold water feeding.
- CLEAR BLUE advanced filtering system provides cleaner wash water and higher active detergent thus ensuring better washing performances and lower running costs.
- Automatic self-cleaning cycle and self-draining vertical wash pump and boiler to avoid bacteria proliferation.
- LED strip on the top keeps operator informed on machine status.
- Boiler power setting from control panel to facilitate technician's operation when reducing total installed power, thus avoiding the need of machine opening.
- IP25 protection against water jets, solid objects and small animals (larger than 6 mm).
- Slanted wash arms and sloped ceiling 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 cold water to a minimum of 84 °C for sanitizing rinse. No external boiler is required. Constant temperature of 84 °C throughout the rinsing cycle regardless of the network's water pressure.
- Advanced Filtering System provides cleaner wash water and higher active detergent thus ensuring better washing performances and lower running costs.
- Guaranteed Rinse System (ACTIVE) ensures the correct water temperature and pressure during the rinse phase to guarantee a perfect rinsing performance, independent from the water pressure in the network (min. 0,5 bar).
- Green light of Guaranteed Rinse System (ACTIVE) confirms that items have been rinsed properly.
- 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).

Construction

- Element protection from dry fire and low water.
- 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.
- Automatic double skin insulated hood.
- 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.
- Unit to include drain pump and rinse aid dispenser pump.

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).
- ZERO LIME Device ensures total scale removal from the boiler, the hydraulic circuits and the washing chamber allowing ultimate performances and lower energy consumption thanks to the high-efficiency heating element.
- Requires only 2 liters of water per washing cycle thus ensuring low energy, water, detergent and rinse aid consumption.
- Automatic Deliming Device ensures total scale removal from the boiler, the hydraulic circuits and the washing chamber allowing ultimate performances and lower energy consumption thanks to the high-efficiency heating element.

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
Baskets	
780068	Kit 8 plastic boxes for cutlery - yellow
864242	Yellow cutlery container
864532	Basket for 18 plates up to 240 mm - grey
864533	Basket for cutlery with 8 dividers - grey
865493	Extra heavy rack support for hood type dishwasher
865574	Set of 4 yellow cutlery containers
866743	Basket for 6 trays 530x370 mm
867000	Basket for 12 soup plates or 12 cups (max. diam. 240 mm)
867002	Basket for 18 dinner plates or 27 side plates (max. diam. 240 mm)
867007	Basket for cups and coffee cups (24-48 pcs) - blue
867009	Basket for bulk cutlery-capacity: 100 pieces - brown
867016	Cover grid for small/light items in rack
867021	Basket for 25 glasses max. height: 120 mm diameter: 80 mm - blue

PNC Code	Description
Baskets	
867023	Basket for 16 glasses max. height: 70 mm - blue
867024	Basket semi-professional (500x500x190mm)
867040	Basket for 16 glasses max. height: 220 mm diameter: 100 mm - blue
Installation solutions	
864016	Stainless steel inlet hose kit
864369	Detergent dispenser kit
864461	Pressure reducer for single tank dishwasher
864463	Kit of rack and support to wash fryer basket
864464	Kit of 100mm feet for Hood Type Dishwasher
864467	Frontal control panel for double skin automatic hood type dishwasher
865492	Feet for hood type - marine
Water treatment	
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
Other accessories	
864026	External reverse osmosis filter for ACTIVE undercounter and hood type

Technical specifications

Electric

Supply voltage:	400 V/3N ph/50 Hz
Default Installed Power:	9.9 kW
Convertible to:	230V 1N~; 230V 3~
Tank heating elements:	3 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:

N° of cycles:	3
Wash temperature - NSF/ANSI 3 compliant:	75 °C
Rinse temperature:	84 °C
Net weight:	152 kg
Shipping weight (gross):	140 kg
Shipping volume:	1.01 m³
Shipping volume (ESD):	0.32 m³

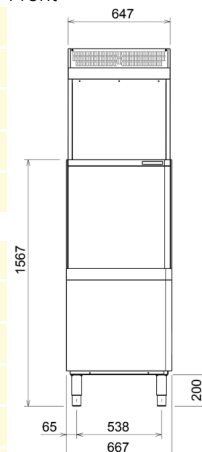
Air Emission:

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

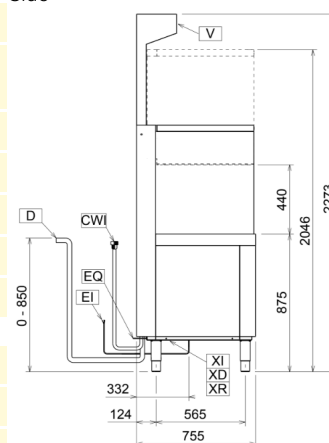
Sustainability

Noise level:	<63 dBA
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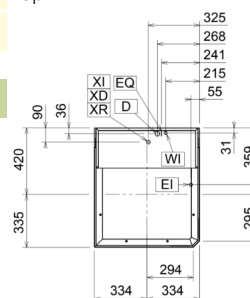
Front



Side



Top



CWI1 = Cold Water inlet 1 (cleaning)

D = Drain

EI = Electrical inlet (power)

XP = Chemical probe/sensor

XD = Detergent connection

EO = Electrical Outlet

