

Warewashing Hood Type Dishwasher with Atmospheric Boiler, Detergent and Rinse Aid Dispenser, 67r/h

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



Warewashing

Hood Type Dishwasher with Atmospheric Boiler, Detergent and Rinse Aid Dispenser, 67r/h

505097 (NHT7DD)

Hood Type dishwasher with
detergent and rinse aid
dispenser, atmospheric boiler,
1200 plates/h or 67 racks/h

Short Form Specification

Item No. _____

Upright hood type hot water rinsing dishmachine. Electrical characteristics to be three phase 50Hz operation with three wash cycles of 54/90/150 seconds using 3 liters of 84°C final rinse water per cycle. Rinse temperature and pressure guaranteed by built in atmospheric boiler and built in rinse booster pump. Washing performance is guaranteed by a powerful 0.8 kW wash pump, upper and lower stainless steel revolving washing spray arms. 304 Stainless steel construction to include hood, external, front and side panels, wash tank, tank filter plus wash and rinse arms. The unit shall include detergent and rinse aid dispenser pumps. Unit shall be field convertible from straight to corner operation.

Main Features

- Atmospheric boiler combine with rinse booster pump offer a perfect rinsing performance in term of constant pressure and high temperature of the water, always at 84°C during the rinse cycle regardless of the inlet water temperature (from 10°C to 60°C) and water pressure of the network (a minimum of 0.5bar or 7psi).
- 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.
- 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.
- An effective rinse system uses only 3 litres of clean hot water per basket for lower running costs.
- 54/90/150 seconds "high productivity" cycle.
- 77/90/150 seconds Thermal label complaint cycle.
- Maximum capacity of 47 racks per hour (Thermal label complaint mode) or 67 racks per hour (High Productivity mode).
- Automatic start on hood closure.
- Open hood on the back side to prevent steam blasts to the operator.
- Three phase electrical connection, convertible to single phase on-site.
- IPX 4 protection against splashing water, solid objects and small animals (larger than 6mm).
- Self-draining wash pump and boiler.
- Fully automatic self-cleaning cycle avoids the risk of bacteria proliferation.
- Low noise level.
- Pre-arranged to accept external dispensers.
- Pre-arrangement for HACCP system implementation and Energy Management device.
- Simple control panel with digital thermometers indicates wash/rinse temperatures.
- Equipped with detergent and rinse aid dispenser for easy and quick installation without opening the machine.
- The machine can be connected to cold water**.

Construction

- Height adjustable feet.
- Unit to feature smooth surfaces to facilitate cleaning.
- PVC water supply hose with metal connections resistant to high water pressure.
- Electronic board with digital display incorporates counter for number of cycles and drain cycles.
- Easy to remove wash/rinse arms, filters and rack support.
- Single skin hood supported by 3 springs to ensure smooth movement and guarantee operator safety.

APPROVAL: _____

- Load bearing frame, hood, tank, washing and rinsing arms, jets and screws in 304 AISI stainless steel to ensure long term reliability.
- 304L stainless steel boiler with higher welding protection improves resistance to corrosion caused by chlorinated water.

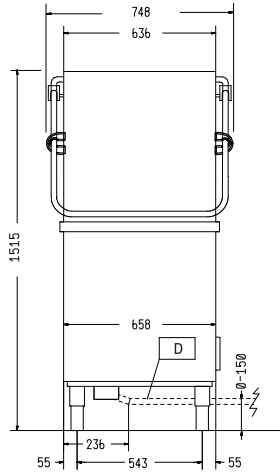
Included Accessories

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

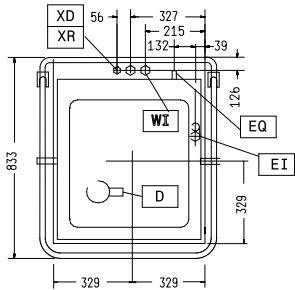
Optional Accessories

- Yellow cutlery container PNC 864242
- Basket for 18 dinner plates - yellow PNC 867002

Front

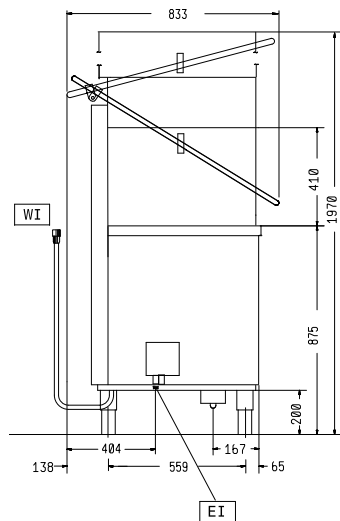


Top



- CW-**
I1 = Cold Water inlet 1 **XD** = Detergent connection
D = Drain **XI** = Chemicals inlet
EI = Electrical connection **XR** = Rinse aid connection
EO = Electrical Outlet
HWI
= Hot water inlet
V = Air vents
WI = Water inlet

Side



Electric

Supply voltage:	
505097 (NHT7DD)	380-400 V/3N ph/50 Hz
	220-240V 1N;
	220-240V 3
Convertible to:	
Default Installed Power:	12.9 kW
Reducible Installed Power (lower)*:	6.9 kW
Boiler heating elements:	12 kW
Boiler reducible to:	6 kW
Tank heating elements:	3 kW
Wash pump size:	0,8 kW

Water:

Water supply temperature:	10-60 °C
Inlet Water supply pressure:	7 - 102 psi (0.5 - 7 bar)
Water consumption per cycle (lt):	3
Boiler Capacity (lt):	12
Tank Capacity (lt):	42
Drain line size:	40mm

Key Information:

N° of cycles:	3
Duration cycle - High productivity*:	54/90/150 sec.
Duration cycle - NSF/ANSI 3 compliant:	77/90/150 sec.
Racks per hour - High productivity: *	67
Racks per hour - NSF/ANSI 3 compliant:	47
Dishes per hour - High productivity: *	1200
Dishes per hour - NSF/ANSI 3 compliant:	846
Wash temperature (MIN):	55°C
Wash temperature - NSF/ANSI 3 compliant:	71 °C
Rinse temperature (MIN):	85 °C

Packaging size (WxDxH):	750x840x1520 mm
Noise level:	<68 dBA

* According to market standard, the productivity is declared at an inlet water supply temperature of 10°C . If the water is supplied at 50°C, the power can be reduced by 6 kW without any loss in productivity.