

## Warewashing

### Electric Rack Type Dishwasher with 2 Speeds & Pressure Boiler - 140 r/hr

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_


**534304 (WTCS140ERB)**

 Rack type dishwasher,  
 electric, r>l, 2 speeds,  
 pressure boiler, insulated,  
 140b/h

**534305 (WTCS140ELB)**

 Rack type dishwasher,  
 electric, l>r, 2 speeds,  
 pressure boiler, insulated,  
 140b/h

### Short Form Specification

#### Item No. \_\_\_\_\_

304 AISI stainless steel front and side panels, strainers and wash and rinse arms. Pressed wash tank (100 liters) for easier cleaning. Washing tubes in stainless steel. Double-skinned construction and counter balanced door. Built-in pressure boiler. Self draining wash pump. Automatic start/stop function. Wash and single rinse in one compact module. 2 speeds variable on installation. Electric heating. HACCP autodiagnostic check control. Feeding direction: right to left. Hourly capacity: 1st speed 2520 dishes/140 baskets; 2nd speed: 1620 dishes/90 baskets.

### Main Features

- Push button self cleaning cycle of the wash and rinse zones for ease of "end of day" cleaning.
- Washing cycle is carried out with water circulating at a temperature of 55-65 °C, whereas the rinsing cycle is carried out with clean water coming from the water system, heated to a max. temperature of 80-90 °C.
- Pressure boiler.
- Speed of conveyor can be set through the control panel by the operator. 90 racks/hr or 140 racks/hr.
- Large counter balanced inspection doors allow unrestricted all-round access to the wash and rinse area. Door is insulated with injected foam. This adds strength as well as reduces noise and heat loss.
- Large filters sloping towards the front to the smaller pressed filter box for quick removal. Filters feature holes smaller than the concave anti-block wash nozzles so large food cannot enter and block the wash system.
- Adjustable feet for full access underneath the machine for cleaning.
- Wash chamber without internal pipes and therefore no hidden dirt traps.
- Self-draining wash pumps provide maximum hygiene and all wash and rinse zones drain automatically at the push of a button.
- Powerful 2 hp (1.5 kW) wash pump.
- Deep drawn pressed wash tank with fully rounded corners, sloped towards the drain to prevent dirt build up provides fast drainage in only a few minutes. Pressed wash tank with no welded points offer a guaranteed water tight solution.
- Dishwasher structure is held together with a solid 50 x 50 mm stainless steel tube sub-frame to provide long term sturdiness.
- Wash and rinse arms can be easily removed for cleaning.
- IPX5 water protection.
- Auto-start/stop ensures that the zone runs only when a rack is passing through it. This reduces both water, energy consumption and noise.
- Electronic control panel features large display to read wash and rinse temperatures.
- Low water consumption. At 140 racks per hour, the machine uses only 240 liters/hr.
- Machine predisposed for external detergent and rinse aid connections.
- Built-in rinse water heater to increase the temperature of the final rinse water.

### Construction

- All main components made in heavy duty anti-corrosive 304 type Stainless steel: tanks, front and side panels, wash & rinse arms, doors, front, handle and rack transportation system.

APPROVAL: \_\_\_\_\_



### Included Accessories

- 1 of Kit splash hood for Compact rack type dishwasher, to be installed on the right side of the machine - Europe PNC 864475
- 1 of Kit splash hood for Compact rack type dishwasher, to be installed on the left side of the machine - Europe PNC 864477

### Optional Accessories

- Drain kit for modular and compact rack type dishwashers PNC 864150
- Kit of 12 stainless steel plugs for washing arms for multi-rinse and compact rack type PNC 864239
- Air gap for compact rack type PNC 864309
- Electric hot air blower, 600mm, for compact rack type, right>left (only for 534304) PNC 864506
- Electric hot air blower, 600mm, for compact rack type, left>right (only for 534305) PNC 864507
- Electric drying tunnel, 900mm, with door, for compact rack type, right>left (only for 534304) PNC 864516
- Electric drying tunnel, 900mm, with door, for compact rack type, left>right (only for 534305) PNC 864517
- Electric drying tunnel, 600mm, with door, for compact rack type, right>left (only for 534304) PNC 864518
- Electric drying tunnel, 600mm, with door, for compact rack type, left>right (only for 534305) PNC 864519
- Electric corner drying tunnel, for compact rack type, right>left (only for 534304) PNC 864520
- Electric corner drying tunnel, for compact rack type, left>right (only for 534305) PNC 864521
- Basket for 5 half insulated trays 530x370 mm - red PNC 867005
- Set of 6 baskets: 2 for trays, 2 for plates, 1 for cutlery and 1 for cups PNC 867050
- Set of 9 baskets: 2 for trays, 3 for plates, 2 for cutlery and 2 for cups PNC 867051

### Electric

#### Supply voltage:

<b>534304 (WTCS140ERB)</b>	400 V/3N ph/50 Hz
<b>534305 (WTCS140ELB)</b>	400 V/3N ph/50 Hz

Machine requires one electrical connection.

**Wash pump power:** 1.5 kW

### Water:

**Inlet Water supply pressure:** 44 - 102 psi (3 - 7 bar)

**Inlet water supply temperature (wash and rinse):** 0 - 0°C

**Inlet Water supply hardness:** 14 (°fH) / 8 (°dH)

**Incoming Hot water line size (wash section):** G 3/4"

**Drain line size (wash section):** G 1 1/2"

**Hot Water consumption: Liters/hr:** 240 liters/hr

**Wash tank size:** 100 l

**Wash pump water flow:** 450 l/min

**Initial fill Hot water requirements:** 112 liters

**Booster heating power:** 16 hp (12 kW)

**Final Rinse water flow:** 240 liters/hr

**Hot water booster capacity:** 12 liters

### Key Information:

**Wash Temperature:**

**Final rinse temperature:**

**Productivity per hour (max speed):** 1620 dishes/ trays / 90 Basket

**Productivity per hour (slow speed):** 140Basket/2520dishes

**Table to Table connection:** 1118 mm

**Number of tanks:** 1

**External dimensions, Width:** 1125 mm

**External dimensions, Height:** 1771 mm

**External dimensions, Depth:** 884 mm

**Height with door open:** 2119 mm

**Charging hole size (width):** 530 mm

**Charging hole size (height):** 501 mm

**Net weight:** 508 kg

**Shipping weight:**

**534304 (WTCS140ERB)** 321 kg

**534305 (WTCS140ELB)** 315 kg

**Shipping height:** 2040 mm

**Shipping width:** 1040 mm

**Shipping depth:** 1900 mm

**Shipping volume:** 4.03 m<sup>3</sup>

**Noise level:** <70 dBA

Unit predisposed to accept external detergent dispensers, detergent probes and rinse aid dispensers.

### Air Emission:

**Air Flow:**

Unit optionally supplied with extended vent hoods.

Exhaust extraction not more than 177 CFM (300 cubic meters/h).

Refer to installation diagram for minimum exhaust hood installation height.

