

## RANGE COMPOSITION

The range consists of 2 models, single skin or double skin insulated hood with continuous water softener (CWS) offering the possibility to wash plates, trays, cutlery, glasses and cups and have a capacity of 1200 plates per hour (67 baskets/hour).



504237

## TOP VERSION WITH CWS

### HOOD TYPE DISHWASHERS **ZANUSSI** PROFESSIONAL

## FUNCTIONAL AND CONSTRUCTION FEATURES

- ◆ All models are ACTIVE and feature the Guaranteed Rinse System. The rinsing is always at a temperature of 84°C throughout the rinse cycle thus guaranteeing rinse quality of the tableware in line with current international standards. The atmospheric boiler guarantees a constant high rinse temperature independent from the network water pressure (with a minimum of 0.5 bar).
- ◆ 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.
- ◆ 4 different dishwashing cycles: glass and lightly soiled items (1st cycle of 54 seconds), standard soiled items (2nd cycle of 90 seconds), heavy soiled items (3rd cycle of 150 seconds) and the continuous program.
- ◆ Built-in drain pump allows water discharge in all conditions.
- ◆ Simple control panel with digital thermometers, indicating both wash & rinse temperatures.

\* Declared actual cycle duration times can extend when water supply temperature is lower than indicated.

TECHNICAL DATA CHARACTERISTICS	MODELS	
	ZHTAWS 504237	ZHTAWS 504239
Water supply		
temperature - °C	50	50
hardness - °f	<48	<48
Drain pump	●	●
Rinse Booster Pump	●	●
Rinse aid dispenser	●	●
N° of cycles	4	4
Duration cycles - sec.	54/90/150/inf	54/90/150/inf
Dishes capacity/h	1200	1200
Basket capacity/h	67	67
Door/hood thickness	Single	Double
External dimensions - mm		
width	735	735
depth	815	815
height	1507	1507
Cell dimensions - mm		
width	590	590
depth	560	560
height	409	409
Washing cycle		
temperature - °C	55-65	55-65
tank capacity - lt.	40	40
power pump - kW	0.8	0.8
electrical elements - kW	3	3
Hot rinse cycle		
duration - sec.	12	12
temperature during rinse - °C	84	84
water consumption - lt./cycle	3	3
Boiler capacity - lt.	12	12
Boiler elements - kW	9	9
Power - kW		
Rinse pump	0.35	0.35
total power	9.9	9.9
Noise level - dBA	<68	<63
Net weight - kg.	111.5	128
Supply voltage	400 V, 3N, 50	400 V, 3N, 50
Convertible to	230 V / 3 / 50 Hz	230 V / 1+N / 50 Hz; 230 V / 3 / 50 Hz
INCLUDED ACCESSORIES		
BASKET FOR 18 DINNER PLATES 240MM-YELLOW	1	1
BASKET FOR 48 SMALL CUPS/24 CUPS-BLUE	1	1
YELLOW CUTLERY CONTAINER	2	2

- ◆ Electronic board with digital display incorporating fault diagnosis system, number of cycles counter and number of drain cycles counter.
- ◆ Fault auto-diagnosis system.
- ◆ Double skinned insulated wall (available only for code 504235) ensures a low noise level and a reduction in heat loss from the machine.
- ◆ An effective rinse system that uses only 3 litres of clean hot water per rack to ensure lower running costs (in energy, water and chemical consumption).
- ◆ Large deep drawn wash tank and internal wash area with round corners and no pipes to avoid dirt built-up.
- ◆ Easily removable washing and rinsing arms, filters and rack support.
- ◆ All the machines have smooth surfaces and a wash tank with rounded corners to facilitate cleaning.
- ◆ Safety devices prevent the hood from suddenly closing in case of spring breakage, thus avoiding operator injury.
- ◆ The fully automatic self-cleaning cycle avoids the risk of bacteria proliferation.
- ◆ The self-draining wash pump facilitates the evacuation of stagnant water after long periods of inactivity to ensure a higher level of hygiene.
- ◆ Load bearing frame height adjustable feet, hood, tank, washin and rinsing arms, jets and

- screws in 304 AISI stainless steel to ensure long term reliability.
- ◆ 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.
- ◆ 304L stainless steel boiler with higher welding protection improves the resistance against corrosion with chlorinated water
- ◆ PVC water supply hose with metal connections resistant to high water pressure.
- ◆ The IPX5 water protection.
- ◆ Pre-arranged for on-site HACCP implementation and Energy Management device.
- ◆ The incorporated Soft Start feature offers additional protection to delicate items such as glassware and crockery and increases wash pump reliability.
- ◆ Three phase electrical connection, convertible on-site.
- ◆ Suitable to be connected to specific pre-wash tabling, service entry and exit tabling and roller conveyor tabling – included in ZANUSSI Professional Handling System range.
- ◆ The machine will start with the close of the hood and stop when the hood is opened
- ◆ Open hood on the back side to prevent steam blasts to the operator.
- ◆ All machines are pre-arranged to accept external dispensers.

- ◆ 97% recyclable by weight.
- ◆ CFC free packaging.
- ◆ Low noise level.
- ◆ Developed and produced in ISO 9001 and ISO 14001 certified factory.
- ◆ In compliance with CE requirements.

**CONTINUOUS WATER SOFTENER:**

- ◆ Two resin containers automatically alternate between softening and regenerating to provide non-stop washing.
- ◆ Regeneration activated automatically – no operator intervention.
- ◆ 100% of rinse water softened with no pressure drop during rinse to ensure full detergent removal and perfect rinse quality of items.
- ◆ Comfortable front loading of regeneration salt.

OPTIONAL ACCESSORIES		
ACCESSORIES	MODELS	
	ZHTAWS 504237	ZHTAIWS 504239
BASKET F. 16 VERTIC. GLASSES (H70MM)-BLUE	867023	867023
BASKET FOR 12 SOUP BOWLS 240MM-GREEN	867000	867000
BASKET FOR 18 DINNER PLATES 240MM-YELLOW	867002	867002
BASKET FOR 48 SMALL CUPS/24 CUPS-BLUE	867007	867007
BASKET FOR 6 TRAYS 530X370MM-RED	866743	866743
BASKET FOR BULK CUTLERY-BROWN	867009	867009
BASKET SEMI-PROFESSIONAL 500X500X190MM	867024	867024
BRASS INLET VALVE KIT FOR UC AND HT	864000	864000
COVER GRID FOR SMALL/LIGHT ITEMS IN RACK	867016	867016
DETERGENT LEVEL PROBE KIT FOR UC+HT DW	864004	864004
DETERGENT PUMP KIT	864218	864218
DRAIN PUMP KIT FOR 50HZ DISHWASHERS	864199	864199
KIT 4 PLASTIC BOXES FOR CUTLERY-YELLOW	865574	865574
KIT 8 PLASTIC BOXES FOR CUTLERY-YELLOW	780068	780068
KIT TO MEASURE TOTAL/PART.WATER HARDNESS	864050	864050
RINSE AID LEVEL PROBE KIT FOR UC+HT DW	864005	864005
STAINLESS STEEL INLET HOSE KIT	864016	864016
YELLOW CUTLERY CONTAINER	864242	864242



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