

## SMART DISHWASHERS WITH CHANGE WATER TECHNOLOGY

### Range: PREMIUM

We have combined advanced technical specifications and cutting-edge technology with time-tested features. PREMIUM meets the highest international hygiene and cleanliness standards, while maintaining low operating costs thanks to the OPTIMAL RINSE system.

The two HYGIENE+ cycles ensure maximum safety and hygiene. The compact design, additional customizable cycle, self-monitoring, and CONNECTIVITY make the range extremely comprehensive.

The interactive electronic panel with self-diagnostics clearly displays the wash phases and machine status. With 8 cycles (10 in the HYGIENE+ version) and quick voltage change, PREMIUM ensures versatility and easy installation.



### FEATURES

- OPTIMAL-RINSE (optimal rinse technology): water consumption rate among the lowest on the market with consequent reduction of electricity and chemicals consumptions
- Soft door opening and customizable START function when the door gets closed
- Combined system of wash and rinse arms in S/S with non-clogging nozzles
- Innovative S/S filter improving the filtration of the wash water
- Partial drain of the waste wash water before rinsing
- 8 wash cycles: 6 with partial drain of the wash water and 2 with total drain of the wash water before rinsing
- Double skin AISI 304 machine and double skin insulated door
- The PLUS System ensures optimal and constant rinsing performance thanks to the combination of Break Tank, atmospheric boiler and rinse pump
- TFT electronic panel with multicolor START button for immediate display of functions
- Self-diagnostic system with two different control levels for user and service people depending on the failure
- Multivoltage: easy-change voltage setting directly from the cables connection
- Water consumption and working time control system
- Detergent and rinse aid peristaltic dispensers
- Detergent and rinse aid dosage setting directly from the control panel
- Drain pump
- Thermostop with Energy Saving system
- Self-cleaning cycle
- Soft Start wash pump that offers additional protection for the most delicate objects
- Thermal insulation of the boiler
- HR Heat recovery steam condensing unit for cold water supply

### OPTIONS

- Special voltages
- Cold rinse
- Connectivity (Cloud)
- WRAS Break Tank
- DVGW Break Tank
- Probes for lack of detergent and rinse aid detection
- Predisposition for connection to an external reverse osmosis system (with electrical conductivity of more than 200 microsiemens for HR)
- DA: built-in water softener with automatic regeneration (recommended for water > 8 °f; max 35 °f)
- Special basket to wash GN 1/1 (max depth 25 mm)

Option compatibility to be confirmed by the manufacturer after verification

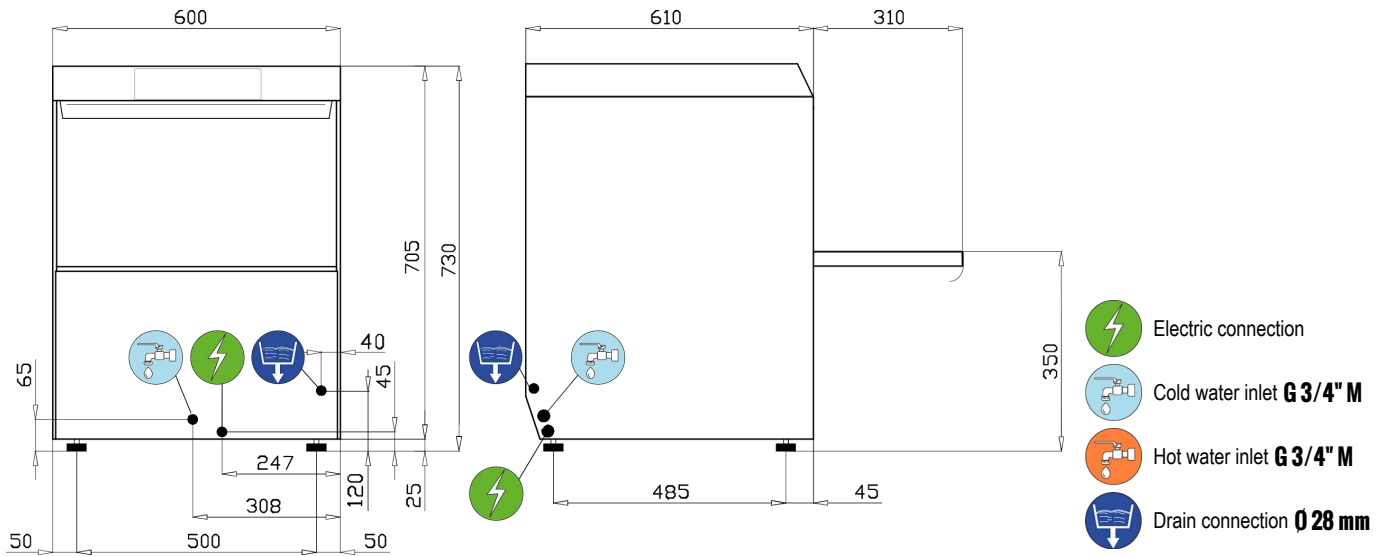
**CAPACITY**

260 H    Ø 260    500x500

**RACK EQUIPMENT**

- 1 X C40
- 1 X C44
- 1 X 15060

**SMART DISHWASHERS WITH CHANGE WATER TECHNOLOGY**



**TECHNICAL FEATURES**

**EXTERNAL DIMENSIONS**

Width	mm	600
Depth	mm	610
Height (screwed foot)	mm	730
Weight (standard version)	kg	60

**TECHNICAL DATA**

Basket dimensions	mm	500x500
Glasses maximum useful height	mm	260
Maximum dish diameter	mm	260
Maximum level of water discharge	mm	700
Water inlet temperature	°C	10
Maximum inlet water hardness	°f	8
Minimum inlet water conductivity	µS / cm	200
Inlet water pressure	kPa	200 - 400
Tank heating element	kW	2.1
Boiler capacity	l	11
Boiler heating element	kW	6
Wash pump power	kW	0.35
Rinse pump power	kW	0.25
Drain pump power	kW	0.025
Sound pressure level	dB(A)	< 70

**LOADING CAPACITY**

GN 1/1 loading capacity		6 x (530x325x25) (with special basket to order)
-------------------------	--	---

**POWER SUPPLY DATA**

Supply voltage	Total installed power
380-415 V 3N 50 Hz	6.35 kW
Convertible to	
220-240 V 3 50 Hz	6.35 kW
220-240 V 50 Hz	6.35 kW

## SMART DISHWASHERS WITH CHANGE WATER TECHNOLOGY

CYCLES									
Cycle description			Plates	Plates	Plates	Glasses	Glasses	Clean water	Clean water
Cycle number		1	2	3	4	5	6	7	8
Cycle name		0 *	1	2	3	4	5	6	7
Cycle length	s	21 - 680 *	60	90	120	60	90	180	360
Cycle productivity (racks/h) - 10°C inlet water			24	24	24	28	28	12	10
Cycle water consumption	l		3.5	3.5	3.5	3.5	3.5	7 **	7 **
Rinsing temperature setting	°C	70 - 90 *	82	82	82	70	70	82	82
Washing temperature setting	°C	50 - 70 *	60	60	60	60	60	60	60
Tank capacity	l	10	10	10	10	10	10	7	7

HEAT RECOVERY TECHNICAL DATA		
Heat recovery per hour	kWh	2 (data calculated on shortest cycle)

(\*) CUSTOM CYCLE

(\*\*) TOTAL DRAINING EVERY CYCLE

Standard Thermostop. In case of cold water supply and/or continuous washing, the rinse-water heating process might take more time than usual, until the proper rinse temperature is reached. For this reason, the wash-cycle total timing might result longer than set.