OPTIMA 400 HR

SMART DISHWASHERS WITH CHANGE WATER TECHNOLOGY

Range: OPTIMA

We have combined advanced technical specifications and cutting-edge technology with time-tested features. OPTIMA 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, OPTIMA ensures versatility and easy installation.

FEATURES

- Double skin AISI 304 machine and double skin insulated door
- Soft door opening and customizable START function when the door gets closed
- TFT electronic panel with intuitive icons, immediately visible functions and customization of programs and dosage of chemicals
- 8 wash cycles, 6 with partial drain of the wash water and 2 with total drain of the wash water before rinsing
- 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
- Peristaltic detergent and rinse aid dispensers
- Detergent and rinse aid dosage setting directly from the control panel
- Drain pump
- The PLUS System ensures optimal and constant rinsing performance thanks to the combination of Break Tank, atmospheric boiler and rinse pump
- Soft Start wash pump that offers additional protection for the most delicate objects
- OPTIMAL-RINSE (optimal rinse technology): water consumption rate among the lowest on the market with consequent reduction of electricity and chemicals consumptions
- Water consumption and working time control system
- Self-diagnostic system with two different control levels for user and service people depending on the failure
- Self-cleaning cycle
- Thermal insulation of the boiler
- Thermostop with Energy Saving device
- HR Heat recovery steam condensing unit for cold water supply

OPTIONS

- Special voltages
- Multivoltage: easy-change voltage setting directly from the cables connection
- Cold rinse
- Round basket
- CONNECTIVITY remote control HACCP ready
- 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)

Option compatibility to be confirmed by the manufacturer after verification

CAPACITY

310 H Ø 310 400x400

RACK EQUIPMENT
• 2 X C121
• 1 X 10728
• 1 X 15060

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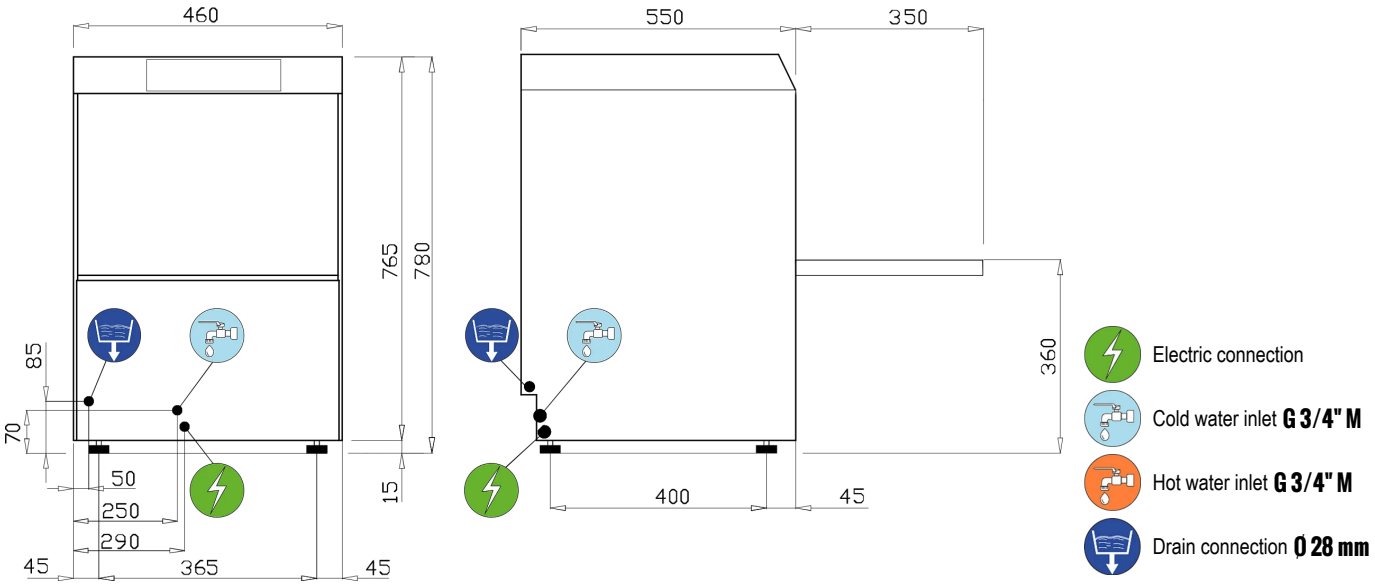

TECHNICAL FEATURES		
EXTERNAL DIMENSIONS		
Width	mm	460
Depth	mm	550
Height (screwed foot)	mm	780
Weight (standard version)	kg	50
TECHNICAL DATA		
Basket dimensions	mm	400x400
Glasses maximum useful height	mm	310
Maximum dish diameter	mm	310
Maximum level of water discharge	mm	700
Water inlet temperature	°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	5.5
Boiler heating element	kW	3
Wash pump power	kW	0.25
Rinse pump power	kW	0.25
Sound pressure level	dB(A)	< 70

POWER SUPPLY DATA	
Supply voltage	Total installed power
220-240 V 50 Hz	3.25 kW
Convertible to	
220-240 V 3 50 Hz	4.75 kW
380-415 V 3N 50 Hz	4.75 kW

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CYCLES

Cycle description			Glasses	Glasses	Glasses	Plates	Plates	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	90	120	120	170
Cycle productivity (racks/h) - 10°C inlet water			21	21	21	18	18	13	13
Cycle water consumption	l		3	3	3	3	3	4 **	4 **
Rinsing temperature setting	°C	70 - 90 *	70	70	70	82	82	82	82
Washing temperature setting	°C	50 - 70 *	60	60	60	60	60	60	60
Tank capacity	l	7	7	7	7	7	7	4	4

Heat recovery per hour	kWh	2.3 (data calculated on shortest cycle)

(*) CUSTOM CYCLE
(**) TOTAL DRAIN AT 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.

ACCORDING TO THE LAW, WE RESERVE OWNERSHIP OF THIS DESIGN OR MODEL WITH A PROHIBITION ON REPRODUCING IT OR MAKING IT KNOWN TO THIRD PARTIES OR COMPETITIVE COMPANIES WITHOUT OUR WRITTEN CONSENT