HT 14 OPTIMA HR H+

CONNECTED HOOD-TYPE DISHWASHERS WITH CLEAN WATER TECHNOLOGY

Range: HT 14 OPTIMA

We have combined advanced technical specifications and cutting-edge technology with time-tested features. HT 14 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. An 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 6 cycles (8 in the HYGIENE+ version) and quick voltage change, HT 14 OPTIMA ensures versatility and easy installation.

FEATURES

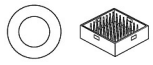
- Double skin insulated hood
- TFT electronic panel with intuitive icons, immediately visible functions and customization of programs and dosage of chemicals
- Linear or corner layouts
- Easy to access for maintenance
- Non-drip roof panel
- Easily removable basket support
- The innovative deep-drawn tank with reduced volume allows significant savings on water, energy and chemicals also avoiding water stagnation
- Combined system of wash and rinse arms in S/S with non-clogging nozzles
- Partial anticipated drain of waste water thanks to the standard drain-pump, waste wash water is partially drained before rinsing. At each cycle, wash water is cleaner, already warm and added with detergent and rinse-aid
- Self-cleaning vertical wash pump for greater operating hygiene
- The PLUS System ensures optimal and constant rinsing performance thanks to the combination of Break Tank, atmospheric boiler and rinse pump
- 8 wash cycles: 6 with partial drain of the wash water before rinsing and 2 special HYGIENE+ (H+) programs featuring A0=60 as defined by the standard EN ISO 15883-1
- Self-cleaning cycle
- Drain pump
- Peristaltic detergent and rinse aid dispensers
- Detergent and rinse aid dosage setting directly from the control panel
- Water consumption and working time control system
- Self-diagnostic system and two-level fault reporting for users and service
- HR Heat recovery steam condensing unit for cold water supply

OPTIONS

- Special voltages
- Multivoltage: easy-change voltage setting directly from the cables connection
- Special basket to wash GN 1/1 (max depth 25 mm)
- CONNECTIVITY remote control HACCP ready
- DA: built-in water softener with automatic regeneration (recommended for water > 8 °f; max 35 °f)
- Probes for lack of detergent and rinse aid detection
- Substitute remote control panel
- Predisposition for connection to an external reverse osmosis system (with electrical conductivity of more than 200 microsiemens for HR)

Option compatibility to be confirmed by the manufacturer after verification

CAPACITY



Ø 410 500x500

RACK EQUIPMENT
- 2 X C40
- 1 X C44
- 2 X 15060

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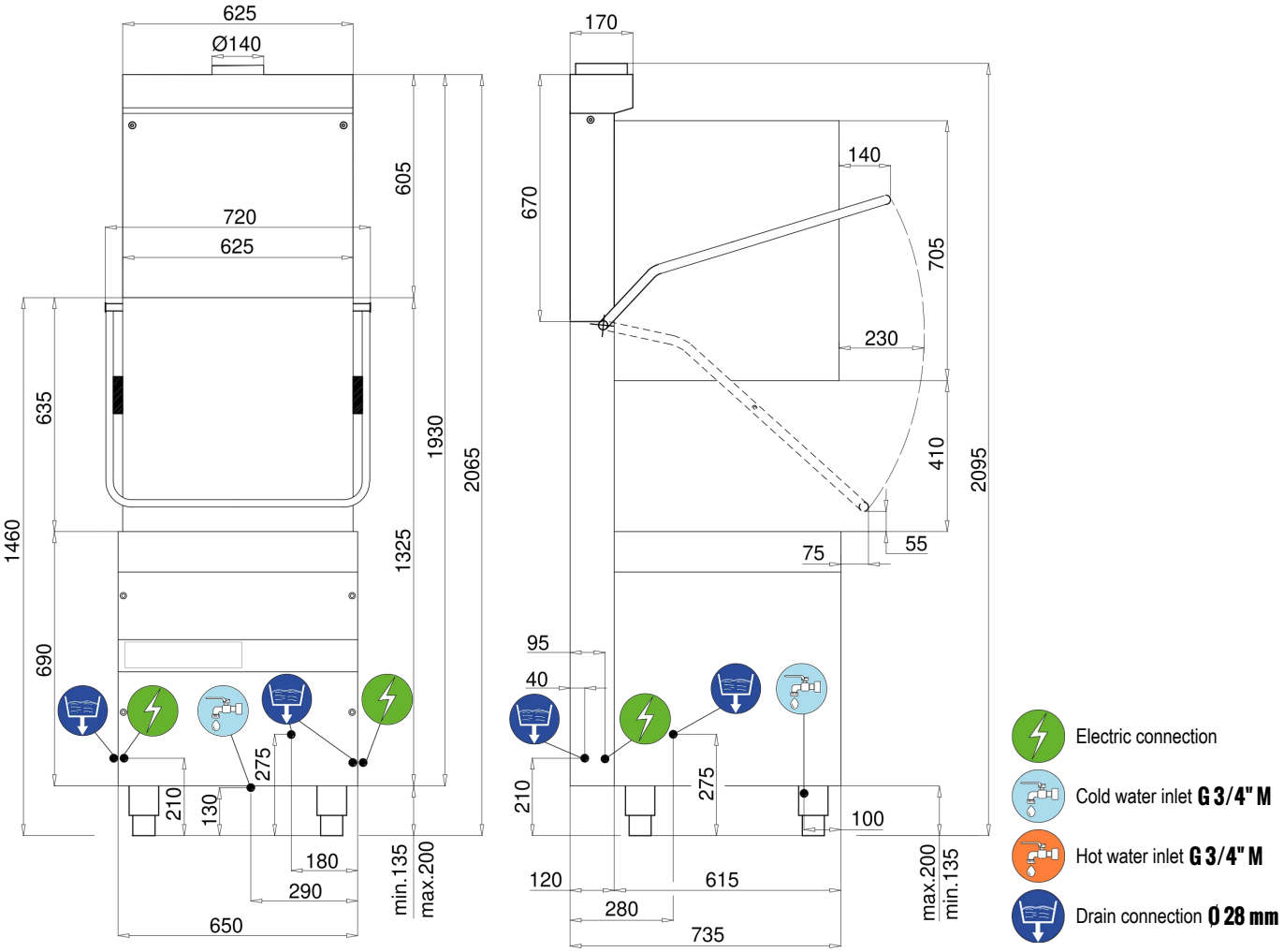

TECHNICAL FEATURES		
EXTERNAL DIMENSIONS		
Width	mm	720
Depth	mm	735
Height (screwed foot)	mm	2095
Weight (standard version)	kg	145
TECHNICAL DATA		
Basket dimensions	mm	500x500
Maximum dish diameter	mm	410
Maximum level of water discharge	mm	800
Water inlet temperature	°C	10
Maximum inlet water hardness	°f	8
Minimum inlet water conductivity	µS / cm	200
Inlet water pressure	kPa	200 - 400
Tank capacity	l	20
Tank heating element	kW	2.7
Boiler capacity	l	15
Boiler heating element	kW	9
Wash pump power	kW	0.9
Wash pump flow rate	l/min	500
Rinse pump power	kW	0.25
Drain pump power	kW	0.025

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TECHNICAL FEATURES

Sound pressure level	dB(A)	72.5

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	9.9 kW
Convertible to	
220-240 V 3 50 Hz	9.9 kW
220-240 V 50 Hz	9.9 kW

CYCLES

Cycle number		1	2	3	4	5	6	7	8
Cycle name		0 *	H1	H2	1	2	3	4	5
Cycle length	s	21 - 680 *	165	600	50	90	120	180	300
Cycle productivity (racks/h) - 10°C inlet water			3	3	40	40	30	20	12
Cycle water consumption	l		3.5	3.5	3.5	3.5	3.5	3.5	3.5
Rinsing temperature setting	°C	70 - 90 *	90	87	82	82	82	82	82
Washing temperature setting	°C	50 - 70 *	75	70	60	60	60	60	60

Outlet air temperature	°C	25
Outlet air humidity	%	60
Air flow rate	m³/h	105
Heat recovery per hour	kWh	6 (data calculated on shortest cycle)

(*) CUSTOM 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.

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