

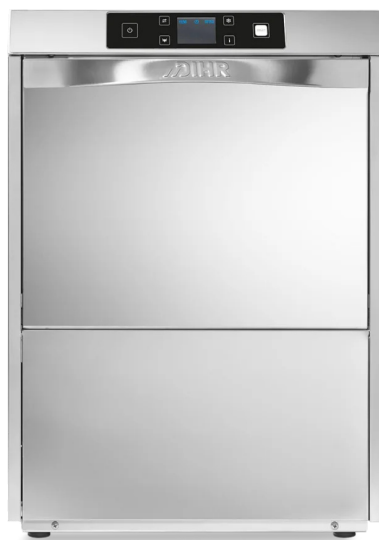
SMART DISHWASHERS WITH CHANGE WATER TECHNOLOGY

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

- 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
- 10 wash cycles: 6 with partial drain of the wash water, 2 with total drain of the wash water before rinsing and 2 HYGIENE+ programs
- 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



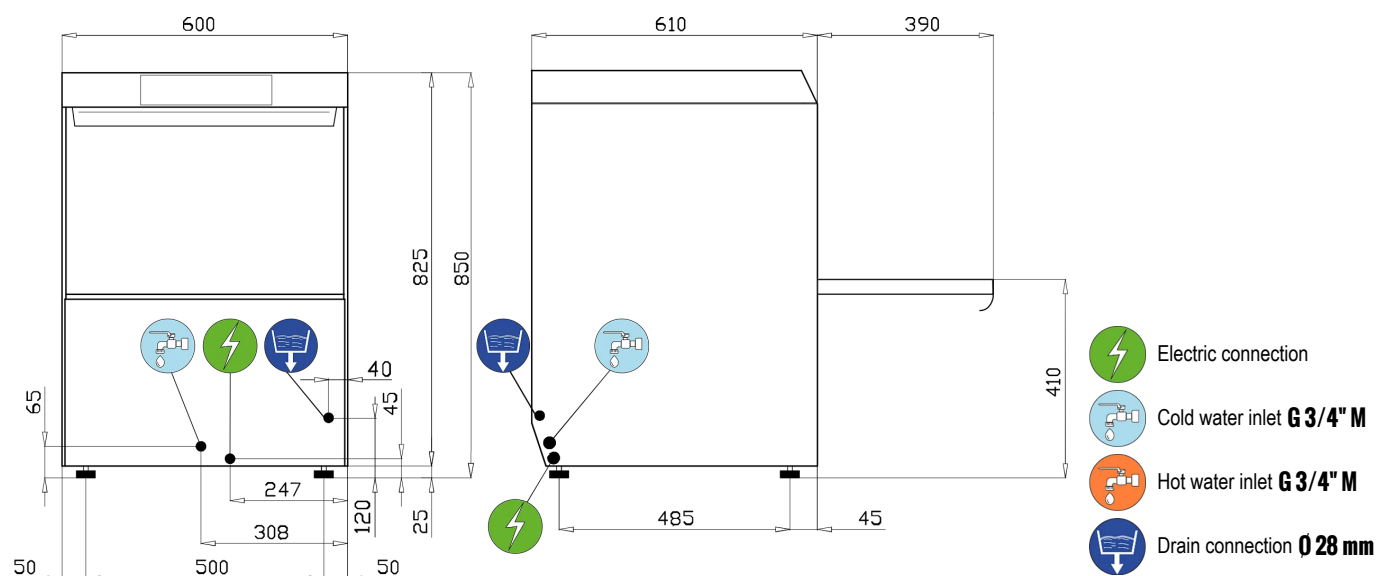


340 H Ø 340 500x500

RACK EQUIPMENT

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





TECHNICAL FEATURES

EXTERNAL DIMENSIONS

Width	mm	600
Depth	mm	610
Height (screwed foot)	mm	850
Weight (standard version)	kg	67

TECHNICAL DATA

Basket dimensions	mm	500x500
Glasses maximum useful height	mm	340
Maximum dish diameter	mm	340
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	0.65
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)
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POWER SUPPLY DATA

Supply voltage	Total installed power
380-415 V 3N 50 Hz	6.65 kW
Convertible to	
220-240 V 3 50 Hz	6.65 kW
220-240 V 50 Hz	6.65 kW

SMART DISHWASHERS WITH CHANGE WATER TECHNOLOGY

CYCLES

Cycle description			Clean water		Plates	Plates	Plates	Glasses	Glasses	Clean water	Clean water
Cycle number		1	2	3	4	5	6	7	8	9	10
Cycle name		0 *	H1	H2	1	2	3	3	4	6	7
Cycle length	s	21 - 680 *	180	630	60	120	180	60	120	180	360
Cycle productivity (racks/h) - 10°C inlet water			4	4	24	24	20	28	28	12	10
Cycle water consumption	l		7 **	3.5	3.5	3.5	3.5	3.5	3.5	7 **	7 **
Rinsing temperature setting	°C	70 - 90 *	90	87	82	82	82	70	70	82	82
Washing temperature setting	°C	50 - 70 *	75	70	60	60	60	60	60	60	60
Tank capacity	l	10	7	10	10	10	10	10	10	10	7

HEAT RECOVERY TECHNICAL DATA

Heat recovery per hour	kWh	2 (data calculated on shortest cycle)
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(*) 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.