

Range: ELECTRON

Latest generation uncompromising DIHR dishwashers. These machines are built with fully double-skin body, completely deep-drawn, designed for being silent and reliable. Beside the standard electronic versions with 4 customizable cycles, we have developed the PLUS models with guaranteed steady rinse temperature and pressure and 2 cycles with HYGIENE+ superior features (ELECTRON 500). Thanks to these latest technological features, the sturdy PLUS versions will promote the almost total elimination of the bacterial load. The customization of our new generation machines has never been so easy!



FEATURES


- Double skin AISI 304 machine and double skin insulated door
- Soft door opening and customizable START function when the door gets closed
- Sloped deep-formed tank
- Deep-formed rack supports
- Non-drip roof panel
- S/S wash arms with non-clogging nozzles and lightweight rinse arms in composite material
- Double tight-mesh filter system in S/S
- The PLUS System ensures optimal and constant rinsing performance thanks to the combination of Break Tank, atmospheric boiler and rinse pump
- Multivoltage: easy-change voltage setting directly from the cables connection
- Intuitive START button with multicolour backlight for a quick visualization of the machine status
- Wash and rinse temperatures displayed
- Built-in rinse aid dispenser and peristaltic detergent dispenser
- Detergent dosage setting directly from the control panel
- 4 customizable cycles
- Self-cleaning cycle
- 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
- Soft Start wash pump that offers additional protection for the most delicate objects
- Non-return valve to prevent the water backflow
- Thermal insulation of the boiler
- HR Heat recovery steam condensing unit for cold water supply

OPTIONS

- Special voltages
- Additional boiler power for cold water supply
- Drain pump
- Round basket
- Connectivity (Cloud)
- Probes for lack of detergent and rinse aid detection
- Built-in water softener with automatic regeneration
- 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

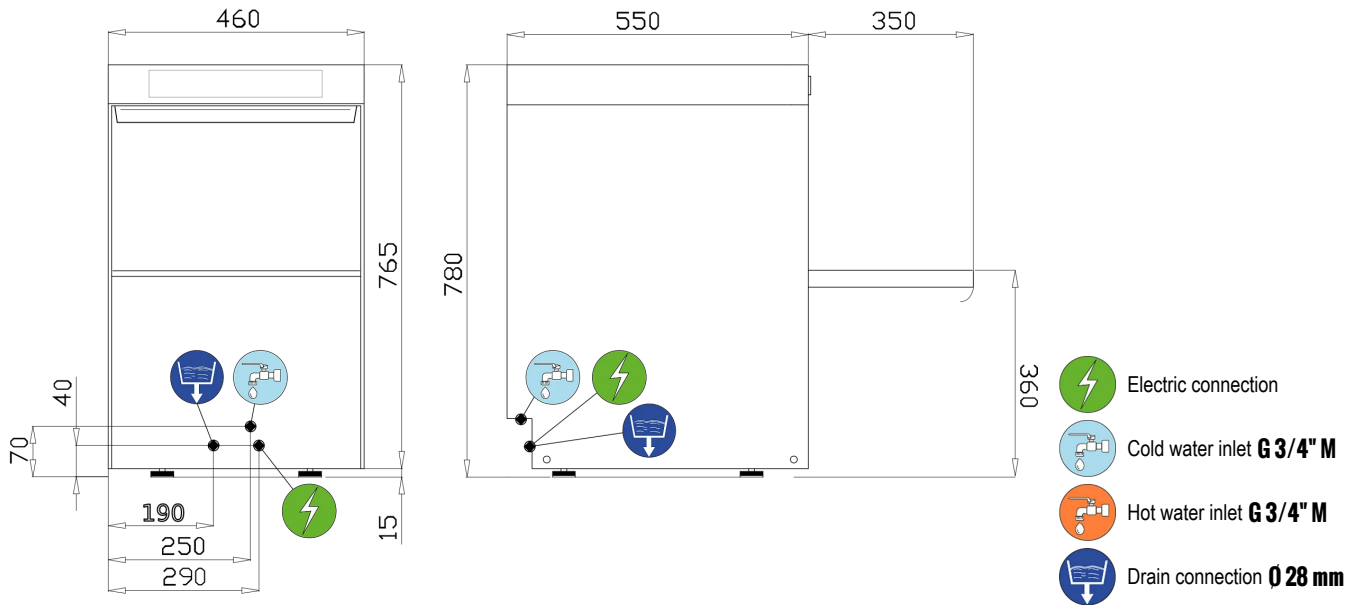


310 H Ø 310 400x400

RACK EQUIPMENT

- 2 X C121
- 1 X 10728
- 1 X 15060





TECHNICAL FEATURES

EXTERNAL DIMENSIONS

Width	mm	460
Depth	mm	550
Height (screwed foot)	mm	780
Weight (standard version)	kg	49

TECHNICAL DATA

Basket dimensions	mm	400x400
Glasses maximum useful height	mm	310
Maximum dish diameter	mm	310
Maximum level of water discharge	mm	50
Water inlet temperature	°C	10
Maximum inlet water hardness	°f	8
Inlet water pressure	kPa	200 - 400
Tank capacity	l	7
Tank heating element	kW	1.1
Boiler capacity	l	5.5
Boiler heating element	kW	3
Wash pump power	kW	0.25
Wash pump flow rate	l/min	150
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

CYCLES					
Cycle number		1	2	3	4
Cycle length	s	60	90	120	180
Cycle length	min	1	1.5	2	3
Cycle productivity (racks/h) - 10°C inlet water		28	28	21	16
Cycle water consumption	l	1.8	1.8	1.8	1.8
Rinsing temperature setting	°C	70	70	85	85
Washing temperature setting	°C	55	55	55	55

HEAT RECOVERY TECHNICAL DATA		
Heat recovery per hour	kWh	2.3 (data calculated on shortest 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.