

## COMBI HIGH-PRESSURE WAREWASHER FOR TRAYS AND PLATES

### Range: HYDROPOWER

This innovative product features unique solutions: a high pressure utensil washer and a hood-type dishwasher. The cleaning power of high-pressure water jets guarantees excellent results in few minutes without the need of granules and soaking. Our versatile utensil washer goes beyond cleaning trays: it is also perfectly suited to wash dishes. Equipped with dedicated programs, it guarantees effective and hygienic cleaning, making it an ideal choice for professional kitchens that demand high efficiency and monitored operation.

In terms of sustainability, HYDROPOWER offers significant savings in detergent and time, thanks to the innovative PLUS system that minimizes water, energy, and chemical consumption. It delivers outstanding results even against the most stubborn dirt and quick turnaround of kitchenware, maximizing productivity. By automating tasks that previously required soaking and hand washing, our HYDROPOWER allows kitchen staff to focus on other important duties. Designed to meet the demanding needs of canteens, caterers, airports, and restaurants, it provides excellent value by saving both time and money while maintaining top cleanliness standards.



### FEATURES

- Double skin
- Compact size: smaller than a warewasher, slightly wider than a standard hood type model
- 2 FUNCTIONS:
  - tray/pan washer version with high pressure jet: for burnt or furred up GN trays or pans
  - dishwasher version: to wash dishes like a classic hood type model
- 1 high pressure wash pump for trays
- 1 low pressure wash pump for dishes
- TFT electronic panel with intuitive icons, immediately visible functions and customization of programs and dosage of chemicals
- Final step after rinse: "spinning" function (fast basket's rotation) to help remove water from pans and trays
- Hood opening with useful height of 55 cm
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- Tank and boiler in S/S AISI 316
- The PLUS System ensures optimal and constant rinsing performance thanks to the combination of Break Tank, atmospheric boiler and rinse pump
- Standard peristaltic rinse aid dispenser
- Self-cleaning cycle
- Break Tank
- HR Heat recovery steam condensing unit for cold water supply

### OPTIONS

- Special voltages
- Remote display (replacing the lower door one)
- Automatized drain
- Drain pump
- Built-in peristaltic detergent dispenser

Option compatibility to be confirmed by the manufacturer after verification

CAPACITY

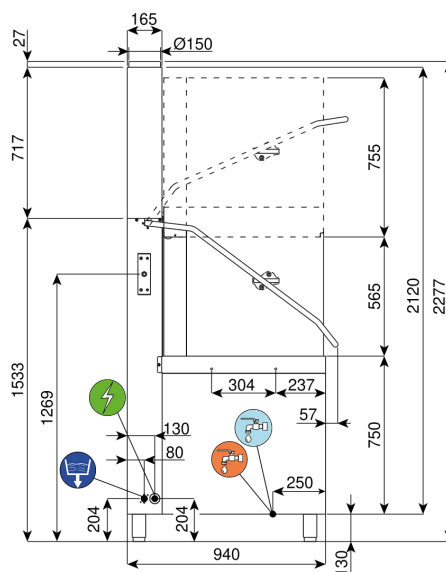


Ø 310

RACK EQUIPMENT

- 1 X 11900028
- 1 X 11900029
- 1 X 11900030



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-  Electric connection
-  Cold water inlet **G 3/4" M**
-  Hot water inlet **G 3/4" M**
-  Drain connection **Ø 28 mm**

## EXTERNAL DIMENSIONS

|                           |    |      |
|---------------------------|----|------|
| Width                     | mm | 830  |
| Depth                     | mm | 940  |
| Height (screwed foot)     | mm | 2277 |
| Weight (standard version) | kg | 268  |

|                                       |         |           |
|---------------------------------------|---------|-----------|
| Rack diameter                         | mm      | 600       |
| Maximum dish diameter                 | mm      | 310       |
| Maximum level of water discharge      | mm      | 170       |
| 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       | 70        |
| Tank heating element                  | kW      | 9         |
| Boiler capacity                       | l       | 15        |
| Boiler heating element                | kW      | 9         |
| Wash pump power (alta pressione)      | kW      | 3.78      |
| Wash pump flow rate (alta pressione)  | l/min   | 900       |
| Wash pump power (bassa pressione)     | kW      | 1.12      |
| Wash pump flow rate (bassa pressione) | l/min   | 630       |
| Rinse pump power                      | kW      | 0.25      |
| Sound pressure level                  | dB(A)   | 82        |

|                           |  |                  |
|---------------------------|--|------------------|
| EURONORM loading capacity |  | 2 x (800x600x20) |
| GN 1/1 loading capacity   |  | 4 x (530x325x25) |

|                       |    |                    |
|-----------------------|----|--------------------|
| Supply voltage        |    | 380-415 V 3N 50 Hz |
| Total installed power | kW | 12.975             |

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TRAYS CYCLES

|                                                 |    |     |     |     |     |
|-------------------------------------------------|----|-----|-----|-----|-----|
| Cycle number                                    |    | 1   | 2   | 3   | 4   |
| Cycle length                                    | s  | 200 | 380 | 500 | 620 |
| Cycle productivity (racks/h) - 10°C inlet water |    | 18  | 9   | 7   | 5   |
| Cycle water consumption                         | l  | 2.8 | 2.8 | 2.8 | 2.8 |
| Rinsing temperature setting                     | °C | 85  | 85  | 85  | 85  |
| Washing temperature setting                     | °C | 55  | 55  | 55  | 55  |

PLATES CYCLE

|                                                 |    |     |     |     |     |
|-------------------------------------------------|----|-----|-----|-----|-----|
| Cycle number                                    |    | 1   | 2   | 3   | 4   |
| Cycle length                                    | s  | 90  | 11  | 140 | 200 |
| Cycle productivity (racks/h) - 10°C inlet water |    | 26  | 26  | 25  | 18  |
| Cycle water consumption                         | l  | 2.8 | 2.8 | 2.8 | 2.8 |
| Rinsing temperature setting                     | °C | 85  | 85  | 85  | 85  |
| Washing temperature setting                     | °C | 55  | 55  | 55  | 55  |

HEAT RECOVERY TECHNICAL DATA

|                        |      |                                         |
|------------------------|------|-----------------------------------------|
| Outlet air temperature | °C   | 25                                      |
| Outlet air humidity    | %    | 60                                      |
| Air flow rate          | m³/h | 105                                     |
| Heat recovery per hour | kWh  | 2.6 (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.