



**Catalogue**  
**FOOD SERVICE**  
**Chapter**  
**DISHWASHING**

**Specific model**  
**CCO-270 R CW 380-415V 3N 50Hz**

01/11/2023

**DENOMINATION:**

Modular rack conveyor 270 racks/hour with entrance from the right for cold water

**DESCRIPTION :**

"-The Concept modular dishwashers are composed of different modules put together, which carry out different operations, making up the washing process.

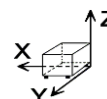
- All the main parts are manufactured in AISI-304 anti-corrosion stainless steel: tanks, washing and rinsing arms, rinsing jets, doors, basket conveyance system, boiler and metal tubes.
  - Upwards-opening double panel door.
  - Tank tray filters made of AISI-304 stainless steel, easy to access and remove for cleaning and access to the tank.
  - Safety filter for pump suction.
  - Rinsing boiler with heat insulation.
  - Easy access for installation. Electrovalve located on one side (no need to remove panels to connect the machine).
  - Electrical panel designed for easy connection of dosers for liquid and solid detergents, rinse aid, limit switches, supplementary emergency stop button.
  - Washing arms easily removable as a set, for cleaning, with a plug on each branch providing access for cleaning inside.
  - Rinse jets easily dismountable and removable.
  - System of electronic regulation of speeds by means of frequency shifter.
  - Configurable electronic temperature control:
    - Wash (50 - 65 °C)
    - Rinse (70 - 85 °C)
    - Guarantor of rinse at 85 °C.
  - Pressure regulator for flow control.
  - Emergency stop button incorporated.
  - Extra anti-entrapment protection system at the entrance, mounted on the AS-260 splash guard supplement (optional).
  - Open door blocking system.
  - IPX4 protection system.
  - System for detection of blockage of conveyor carriage and automatic reverse function.
  - Energy-saving system: reduces consumption by halting operation of the pumps, and by passing the heating of the rinse to stand-by mode (70 °C).
  - Auto-timer which deactivates the conveyor motor after a pre-set period of inactivity (10 minutes)."
  - AS-260 splash guard supplement.
  - First Wash with cold water.
  - High-power washing system with 5 upper and 5 lower washing branches.
  - Rinse and pre-rinse, both double effect.
  - 3 programs 140, 205 and 270 baskets/hour.
- Entry through the right part of the machine.  
CW: Model prepared for connection with cold water from the network (input temperature <(><<>>50 °C.).
- WRAS approved.

**POSSIBLE OPTIONS :**

- Electric transformation to 230V three-phase without neutral (230V 3 ~)
- Electric transformation to marine version (440V 3~ 60 Hz.)
- Drying tunnel
- Drying tunnel 800 mm



**DIMENSIONS**



|            |          |                |          |
|------------|----------|----------------|----------|
| X Width    | 2660 mm  | X Gross width  | 2750 mm  |
| Y Depth    | 790 mm   | Y Gross depth  | 960 mm   |
| Z Height   | 1560 mm  | Z Gross height | 1900 mm  |
| Net Weight | 434,0 kg | Gross Weight   | 628,0 kg |
| Net volume | 3,874 m3 | Gross volume   | 5,016 m3 |

**ELECTRICITY TECHNICAL SPECIFICATIONS**

|                    |               |
|--------------------|---------------|
| Engine power       | 4,40 kW       |
| Electric power     | 49,000 kW     |
| Amperage (A)       | 77,2          |
| Heating power      | 44,00 kW      |
| Voltage            | 380-415V - 3N |
| Electric frequency | 50Hz          |

**WATER TECHNICAL SPECIFICATIONS**

|                       |                         |
|-----------------------|-------------------------|
| Pressure              | H2O: 200-400kPa(2-4bar) |
| Water max consumption | 240,00 L/h              |

**CONNECTIONS TECHNICAL SPECIFICATIONS**

|                            |                |
|----------------------------|----------------|
| 230 V three-phase wiring   | 3X70+T - 180 A |
| Three-phase +N 400V wiring | 4X25+T - 100 A |
| Drain 1 diameter           | 38             |

**OTHERS**

|             |          |
|-------------|----------|
| Noise level | 72,00 dB |
|-------------|----------|



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- Upper energy recovery system
- Anti-splash guard supplement (exit)

**POSSIBLE ACCESSORIES :**

- BASKETS
- MODULAR ELEMENTS
- ENTRY-EXIT TABLES
- BASKETS FOR DISHWASHERS
- BASKETS FOR GLASSES

**SUPPLIED ACCESSORIES:**

- 19000484 Standard basket 2
- 19000487 Basket for 16/18 dishes 2
- 19000488 Baskets for 16 glasses and cups with 110 mm diameter and 105 mm height 1
- 19036306 Standard basket with dense base 1



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