



Warewashing



Get to know how FagorKonnnect potentiates the functionality of the devices, specifically the dishwashing.



### Specific graphs designed for dishwashing analysis:

To perform dishwashing equipment analysis focusing on specific aspects such as device status, error analysis, and cycles run per programme and per day, you could use intuitive and specific graphics that highlight the information.

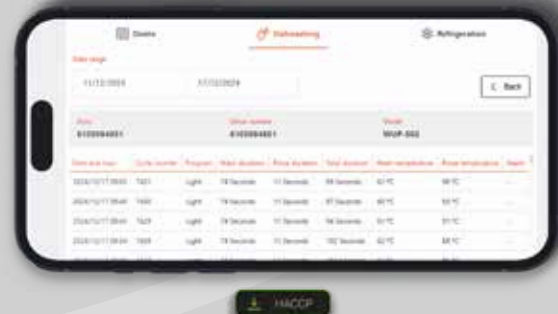


### Detailed information displayed in real time:

Key data will be displayed to monitor dishwashing equipment and perform actions such as setting parameters, switching the equipment on or off or network configuration.

### View and download the HACCP of a particular device:

HACCP for a specific device is available. Obtains a graph over a range of selected dates.



Next generation Dishwashing.

**iNOVA**  
GENERATION

*Innovative washing  
technology for unique  
results.*



# Warewashing

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## WATER CONNECTION SPECIFICATIONS:

**pH:** 6,5 ÷ 7,5

**Total water hardness:** 5 ÷ 10 °fH

3,5 ÷ 7 °eH

2,8 ÷ 5,6 °dH

**Impurities:** Ø < 0,08 mm

**Chlorides:** ≤ 100 mg/l

**Chlorine:** 0 ÷ 0,5 mg/l

**Conductivity:** 400 ÷ 2.000 µS/cm

Operating problems resulting from a faulty installation that does not comply with the above premises will not be considered under warranty.

 **STOCK** This applies to 50 Hz models.





The small and versatile solution for brilliant results.

# Small and medium productions

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# iNOVA

GENERATION

ADVANCE | A

*Technology and efficiency*






CONCEPT+ | P

*Flexibility*

CONCEPT | C

*Simplicity*



|                               |   | CONCEPT   C                 | CONCEPT+   P                |                         |  | ADVANCE   A             |
|-------------------------------|---|-----------------------------|-----------------------------|-------------------------|--|-------------------------|
|                               |   | MAINS PRESSURE<br>(2-4 BAR) | MAINS PRESSURE<br>(2-4 BAR) | RINSE PUMP<br>(1-4 BAR) |  | RINSE PUMP<br>(1-4 BAR) |
| Glasswashers (G)              |  400X400 | WGC-400 (1)                 | WGP-400 (1)                 | WGP-401 (1)             |  |                         |
| Front loading dishwashers (U) |  500X500 | WUC-502<br>WUC-500 (1)      | WUP-502                     | WUP-503                 | WUP-503 SN  | WUA-503                 |
| Hood type dishwashers (H)     |  500X500 | WHC-502                     | WHP-502                     | WHP-503                 | WHP-503 SN  | WHA-503                 |

(1) Single-phase version.

# Interface

ADVANCE | A

CONCEPT+ | P

FagorKonnnect



**White**  
Machine not ready



**Green**  
Machine ready



**Blue**  
In progress

- 2.8" backlit colour (TFT) liquid crystal display.
- Colour-coded status indicators.
- Display of operating parameters, such as wash and rinse temperatures or cycle times.
- Indicators of tank and boiler heaters operations.
- Self-diagnosis and error signalling.
- Timer function to be able to schedule the machine to switch on or off at a specific time.
- Power-saving mode (stand-by): Reduction of power consumption when the machine is not in operation.
- User-selectable programmes according to equipment use (glass, crockery and bar) and machine-specific programmes.
- Machine self-cleaning programmes in models with drain pump (B) and softener (S).



Self-cleaning



Emptying



Auto-filling



Intelligent resin  
regeneration

- Technical menu (via password)
  - View of all the inputs of the electronics and act on the outputs to facilitate the quick detection of problems.
  - Modification of operating parameters, such as heating temperatures, washing and rinsing times, etc.
  - Scheduled maintenance: the time between warnings to perform maintenance on the machine can be edited with the intention of reducing possible breakages and maintaining the machine's performance.
- HACCP: download HACCP information.
- Connectivity (K) as an option (Wi-fi and Ethernet).
- Sensorisation options (Z) including:
  - Chemical dosing control (DA).
  - Control of low chemical level by means of probes (L), available as an accessory, with warning on the control panel.

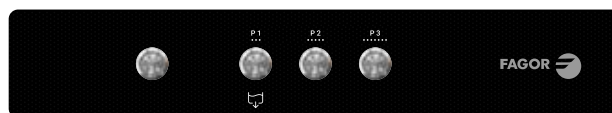
## Concept +

Membrane keypad with 5 buttons.

## Advance

Capacitive touch display. Illuminated push buttons and the multi coloured START button that changes colour depending on the machine status.

CONCEPT | C



- Electromechanical interface with three or four robust backlit pushbuttons depending on the type of machine. One button for power on and the rest for programmes, the light of which indicates the selected programme (flashing) or machine is ready (steady).
- Additional programmes by long pressing of the buttons:
  - Cold rinse (C)
  - Self-cleaning (in models with drain pump- B)
  - Drain (in models with drain pump- B)
  - Extended cycle (hood type dishwasher)
- Optional two digit LED displays (T) to indicate wash and rinse temperatures, as well as alphanumeric status and error codes. They also include operating indicators for tank and boiler heaters.

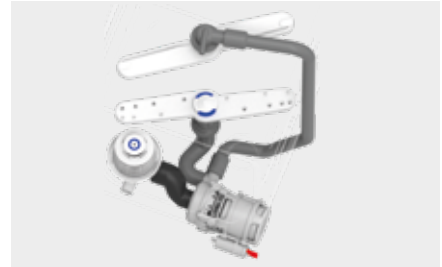
Model + T



# Common characteristics

## Dual-flow wash pumps with soft-start

- Dual-flow wash pumps: one input and two outputs, one for each arm, without the need to split the flow to avoid power loss and reduce noise.
- The cycle starts slowly and gradually increases to maximum speed to prevent light items such as glassware and crockery from falling out.



## Duo-KLIP wash/rinse arms

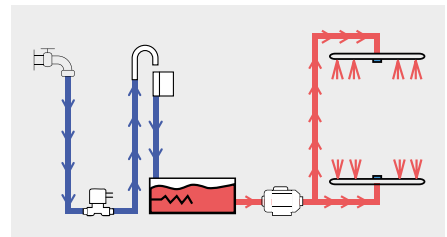
- A combined wash and rinse arm at the same level, made of composite material, in stainless steel as option (X), preventing the two arms from getting in each other's way.
- Washing and rinsing orifices designed to reach the most inaccessible places. They spray water precisely, achieving lower water consumption, reducing electricity and chemical consumption.
- The clip-on snap-on coupling makes it easy to assemble and disassemble for cleaning.



# Characteristics according to model

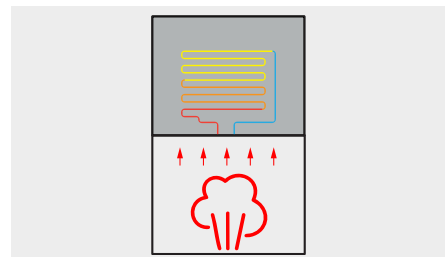
## Rinse pump and thermostat

- Rinse even at low mains pressure (1 bar).
- The temperature of the water in the boiler is constant throughout the rinse.
- Type A nonreturn device in compliance with EN 1717.
- Accurate rinse aid dosing with a constant water flow.
- Thermostop: starts the rinse when the rinse temperature required for a hygienic wash result and correct drying of the dishes has been reached.



## Energy Recovery System (RC)

- Minimizes the steam released to create a more comfortable working environment while using the heat from the unit to further heat the incoming water and reduce energy costs.
- The process is carried out at the end of the cycle for 40 seconds (configurable) increasing the temperature of the incoming water from 10°C to 25°C, which means that a cold water connection (15-25°C) is recommended.



## Smart softener (S)

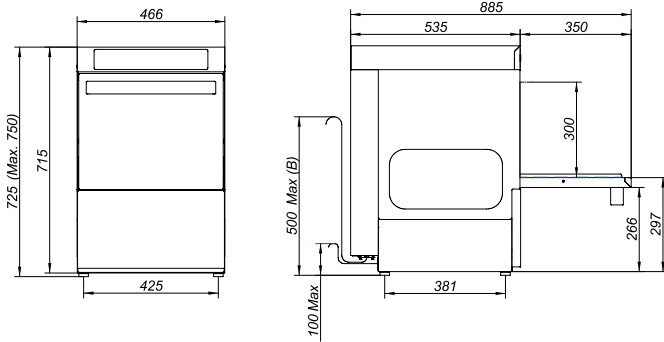
- Integrated softener that provides continuous soft water. This allows the detergent and rinse aid to work to their full effect and considerably reduces limescale deposits in the machine.
- The user can easily refill the tank and a sensor warns when the salt tank needs to be refilled.
- Smart resin regeneration that guarantees uninterrupted washing because the process does not stop to regenerate the resin. It performs the regeneration fully automatically and invisibly for the customer. Water quality is always constant.



# Dimensions

## Glasswashers (G)

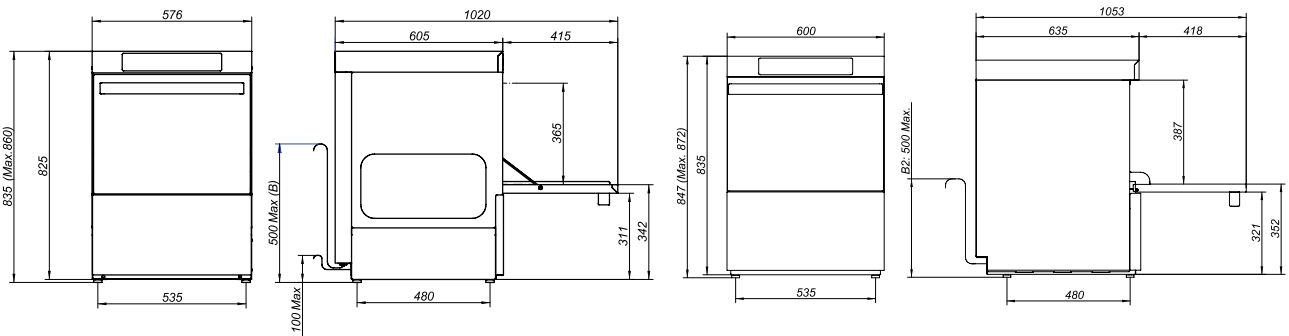
WGC-400/ WGP-400/ WGP-401



## Front loading dishwashers (U)

WUC-500/ WUC-502/ WUP-502/ WUP-503

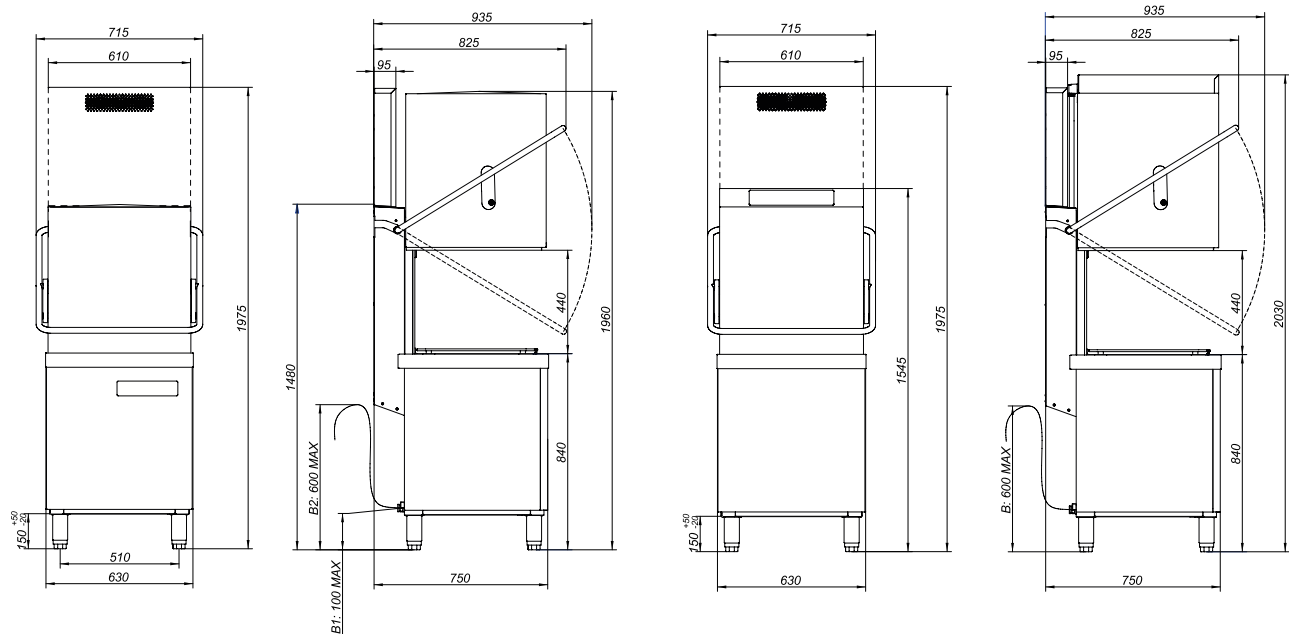
WUA-503



## Hood type dishwashers (H)

WHC-502 (RC)/ WHP-502 (RC)/ WHP-503 (RC)

WHA-503 (RC)







## Codes and prices

|         | MODEL         | CODE 50HZ | € | CODE 60HZ | € | RINSE PUMP | SMART SOFTENER (S) | COLD RINSE (C) (5) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|---------------|-----------|---|-----------|---|------------|--------------------|--------------------|----------------|-------------------------|
| ⊗ STOCK | WGP-400       | 19109781  | - | 19110573  | - |            |                    |                    |                |                         |
|         | WGP-400 B     | 19110484  | - | 19110574  | - |            |                    |                    | X              |                         |
|         | WGP-400 D     | 19110485  | - | 19110575  | - |            |                    |                    |                | X                       |
| ⊗ STOCK | WGP-400 B D   | 19110486  | - | 19110576  | - |            |                    |                    | X              | X                       |
|         | WGP-400 C     | 19110487  | - | 19110577  | - |            |                    | X                  |                |                         |
|         | WGP-400 C B   | 19110488  | - | 19110578  | - |            |                    | X                  | X              |                         |
|         | WGP-400 C D   | 19110489  | - | 19110579  | - |            |                    | X                  |                | X                       |
|         | WGP-400 C B D | 19110490  | - | 19110580  | - |            |                    | X                  | X              | X                       |
|         | WGP-400 S     | 19110491  | - | 19110581  | - |            | X                  |                    |                |                         |
|         | WGP-400 S B   | 19110492  | - | 19110582  | - |            | X                  |                    | X              |                         |
|         | WGP-400 S D   | 19110493  | - | 19110583  | - |            | X                  |                    |                | X                       |
|         | WGP-400 S B D | 19110494  | - | 19110584  | - |            | X                  |                    | X              | X                       |
|         | WGP-401       | 19108942  | - | 19110586  | - | X          |                    |                    |                |                         |
|         | WGP-401 B     | 19110495  | - | 19110588  | - | X          |                    |                    | X              |                         |
|         | WGP-401 D     | 19110496  | - | 19110589  | - | X          |                    |                    |                | X                       |
|         | WGP-401 B D   | 19110497  | - | 19110590  | - | X          |                    |                    | X              | X                       |
|         | WGP-401 S     | 19108391  | - | 19110591  | - | X          | X                  |                    |                |                         |
|         | WGP-401 S B   | 19110498  | - | 19110592  | - | X          | X                  |                    | X              |                         |
|         | WGP-401 S D   | 19110499  | - | 19110593  | - | X          | X                  |                    |                | X                       |
|         | WGP-401 S B D | 19110500  | - | 19110594  | - | X          | X                  |                    | X              | X                       |

## Options

| DESCRIPTION  | ABBREVIATION | € |
|--|--------------|---|
| Double-skin (6)                                      | P            | - |
| Round basket (+ support)<br>19110751 (+19110752) (7) | O            | - |
| Glass rod basket<br>19107614 (8)                     | R            | - |
| Connectivity   | K            | - |
| Sensorisation (9)                                    | Z            | - |
| UK plug (G type) (10)                                | CI           | - |
| Australian model (11)                                | AU           | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19082432   | pc | 2 |
|  | Plates insert<br>19084452  | pc | 1 |
|  | Cutlery insert<br>19102721 | pc | 1 |

(1) Hot water supply at 50°C.

(2) Adjustable height (+25/+0 mm).

(3) In models with mains pressure (WGP-400), consumption may vary depending on the supply water pressure. Water consumption per programme (2 bar): 2/ 2,2/ 2,5/ 2 l/ cycle.

(4) In machines with the cold rinse option (C), the second rinse is carried out with cold water, whereas without the option, the rinse is carried out with cold water by switching off the boiler heating element.

(5) Not compatible with models with water softener (S).

(6) Increases the width of the machine by 20 mm, 10 mm in each side.

(7) This option excludes glass baskets (19082432) and plates insert (19084452) from the standard accessories.

(8) This option excludes the standard accessories.

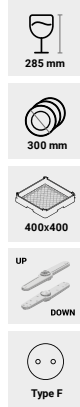
(9) Standard in models with water softener (S).

(10) Power reduction to limit consumption to 13A.

(11) Includes Australian plug (I type) and Watermark approval.

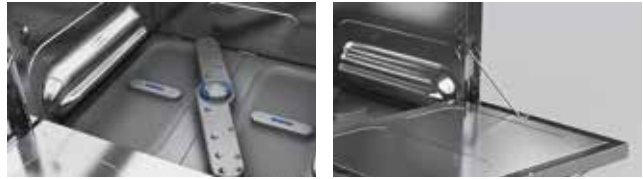
## CONCEPT

## Glasswashers 400x400



## General features

- Electromechanical interface with robust backlit pushbuttons. "T" models with two digit LED displays.
- Stamped tank with slope for a complete drainage.
- Stamped basket guides.
- Sides of the washing chamber in partial double-skin and integral double-skin door.
- Double in stages filtration system. Composite tank surface filters as standard.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Rinsing with mains pressure.
- Hydraulic rinse aid dispenser as standard.



## Technical data

|                                   |           |              |       |
|-----------------------------------|-----------|--------------|-------|
| Max. theoretical productivity (1) | Baskets/h | 30           |       |
| Dimensions (2)                    | mm        | 466x535x725  |       |
| Net weight                        | Kg        | 34           |       |
| Tank capacity                     | L         | 9            |       |
| Boiler capacity                   | L         | 4            |       |
| Tank heater power                 | kW        | 0,8          |       |
| Boiler heater power               | kW        | 2,4          |       |
| Wash pump power                   | 50Hz      | kW           | 0,29  |
|                                   | 60Hz      | kW           | 0,36  |
| Drain pump power                  | kW        | 0,04         |       |
| Total power                       | 50Hz      | kW           | 3,49  |
|                                   | 60Hz      | kW           | 3,56  |
| Total amperes                     | 50Hz      | A            | 15,17 |
|                                   | 60Hz      | A            | 15,48 |
| Connection                        | Sim/Alt   | Simultaneous |       |
| Voltage                           | V         | 220-240 1N~  |       |
| Supply water pressure min. - max. | bar       | 2-4          |       |
| Supply water temperature max.     | °C        | 60           |       |
| Level of protection against water | IPX       | 3            |       |

## Programmes

| PROGRAMME                  | DESCRIPTION | WATER CONSUMPTION (L/ CYCLE) (3) | DURATION (S) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|----------------------------|-------------|----------------------------------|--------------|-----------------------|------------------------|
| <b>Standard programmes</b> |             |                                  |              |                       |                        |
| P1                         | Standard    | 2                                | 120          | 60                    | 65                     |
| P2                         | Intensive   | 2                                | 180          | 60                    | 65                     |




## Codes and prices

|         | MODEL           | CODE 50HZ | € | CODE 60HZ | € | LED DISPLAYS (T) | COLD RINSE (C) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|-----------------|-----------|---|-----------|---|------------------|----------------|----------------|-------------------------|
| ☉ STOCK | WGC-400         | 19106152  | - | 19110595  | - |                  |                |                |                         |
|         | WGC-400 B       | 19108044  | - | 19110596  | - |                  |                | X              |                         |
|         | WGC-400 D       | 19109535  | - | 19110597  | - |                  |                |                | X                       |
| ☉ STOCK | WGC-400 B D     | 19110501  | - | 19110598  | - |                  |                | X              | X                       |
|         | WGC-400 C       | 19110504  | - | 19110603  | - |                  | X              |                |                         |
|         | WGC-400 C B     | 19110505  | - | 19110604  | - |                  | X              | X              |                         |
|         | WGC-400 C D     | 19110506  | - | 19110605  | - |                  | X              |                | X                       |
|         | WGC-400 C B D   | 19110507  | - | 19110606  | - |                  | X              | X              | X                       |
|         | WGC-400 T       | 19109534  | - | 19110599  | - | X                |                |                |                         |
|         | WGC-400 T B     | 19107969  | - | 19110600  | - | X                |                | X              |                         |
|         | WGC-400 T D     | 19110502  | - | 19110601  | - | X                |                |                | X                       |
|         | WGC-400 T B D   | 19110503  | - | 19110602  | - | X                |                | X              | X                       |
|         | WGC-400 T C     | 19110508  | - | 19110607  | - | X                | X              |                |                         |
|         | WGC-400 T C B   | 19110509  | - | 19110608  | - | X                | X              | X              |                         |
|         | WGC-400 T C D   | 19110510  | - | 19110609  | - | X                | X              |                | X                       |
|         | WGC-400 T C B D | 19104296  | - | 19110610  | - | X                | X              | X              | X                       |

## Options

| DESCRIPTION  | ABBREVIATION | € |
|--|--------------|---|
| Double-skin (4)                                      | P            | - |
| Round basket (+ support)<br>19110751 (+19110752) (5) | O            | - |
| Glass rod basket<br>19107614 (6)                     | R            | - |
| UK plug (G type) (7)                                 | CI           | - |
| Australian model (8)                                 | AU           | - |

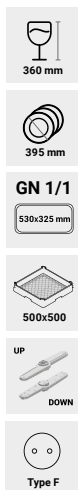
## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19082432   | pc | 2 |
|  | Plates insert<br>19084452  | pc | 1 |
|  | Cutlery insert<br>19102721 | pc | 1 |

- (1) Hot water supply at 50°C.  
 (2) Adjustable height (+25/+0 mm).  
 (3) Consumption for a supply water pressure of 2 bar. At higher pressures the consumption will increase.  
 (4) Increases the width of the machine by 20 mm, 10 mm in each side.

- (5) This option excludes glass baskets (19082432) and plates insert (19084452) from the standard accessories.  
 (6) This option excludes the standard accessories.  
 (7) Power reduction to limit consumption to 13A.  
 (8) Includes Australian plug (I type) and Watermark approval.

# Front loading dishwashers 500x500



## General features

- 2.8" backlit colour liquid crystal display (TFT) and capacitive touch display.
- Tank, rear door and basket guides are stamped and all edges, including the vertical ones, are rounded to facilitate the draining of impurities. There are no points where dirt accumulates.
- The machine is built with integral double-skin.
- Soundproofed and heat-resistant double-skin door.
- Cushioned counterbalanced door.
- Hygienic tank heater.
- Triple in stages filtration system. Stainless steel tank surface filter as standard and waste collection basket.
- Boiler with insulation.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Rinse pump, drain pump and peristaltic rinse aid dispenser as standard.
- Thermostop.
- Multipower as standard.



## Technical data

|   |           |             |
|---|-----------|-------------|
| Max. theoretical productivity (1)                 | Baskets/h | 40          |
| Dimensions (2)                                    | mm        | 600x635x847 |
| Net weight  | Kg        | 60          |
| Tank capacity                                     | L         | 20          |
| Boiler capacity                                   | L         | 7           |
| Tank heater power                                 | kW        | 1           |
| Boiler heater power                               | kW        | 5,6         |
| Wash pump power                                   | kW        | 0,68        |
| Rinse pump power                                  | kW        | 0,13        |
| Drain pump power                                  | kW        | 0,04        |
| Total power                                       | kW        |             |
| Total amperes                                     | A         |             |
| Connection  | Sim/Alt   | Multipower  |
| Voltage   | V         |             |
| Supply water pressure min-max.                    | bar       | 1-4         |
| Supply water temperature max.                     | °C        | 60          |
| Supply water temperature max. in WUA-503 S models | °C        | 25          |
| Level of protection against water                 | IPX       | 4           |

## Programmes

| PROGRAMME                                   | DESCRIPTION | WATER CONSUMPTION (L / CYCLE) | DURATION (S) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|---|-------------|-------------------------------|--------------|-----------------------|------------------------|
| <b>Programmes for CROCKERY- as standard</b> |             |                               |              |                       |                        |
|   | Light       | 2,3                           | 90           | 60                    | 85                     |
|   | Standard    | 2,6                           | 120          | 60                    | 85                     |
|   | Intensive   | 3                             | 180          | 60                    | 85                     |
|   | Cutlery     | 3                             | 300          | 65                    | 85                     |
| <b>Additional programmes</b>                |             |                               |              |                       |                        |
| Programmes for GLASS                        |             |                               |              |                       |                        |
| Programmes for BAR                          |             |                               |              |                       |                        |

## Multipower

| VOLTAGE (V)   | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|---------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| 220V-240V 1N~ | x        | 15,42          | 3,55             | Sim                | 1               | 1,87              | 0,68            |
| 220V-240V 1N~ |          | 19,48          | 4,48             | Sim                | 1               | 2,8               | 0,68            |
| 220V-240V 1N~ |          | 23,54          | 5,41             | Sim                | 1               | 3,73              | 0,68            |
| 380V-415V 3N~ |          | 15,42          | 7,28             | Sim                | 1               | 5,6               | 0,68            |
| 220V-240V 3~  |          | 21,36          | 7,28             | Sim                | 1               | 5,6               | 0,68            |




## Codes and prices

|         | MODEL       | CODE 50HZ | € | CODE 60HZ | € | RINSE PUMP | SMART SOFTENER (S) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|-------------|-----------|---|-----------|---|------------|--------------------|----------------|-------------------------|
|         | WUA-503     | 19110511  | - | 19110611  | - | X          |                    | X              |                         |
| ⊗ STOCK | WUA-503 D   | 19106122  | - | 19110612  | - | X          |                    | X              | X                       |
|         | WUA-503 S   | 19110512  | - | 19110613  | - | X          | X                  | X              |                         |
| ⊗ STOCK | WUA-503 S D | 19105092  | - | 19110614  | - | X          | X                  | X              | X                       |

## Options

| DESCRIPTION                         | ABBREVIATION | € |
|-------------------------------------|--------------|---|
| Stainless steel wash and rinse arms | X            | - |
| Glass rod basket 19107616 (4)       | R            | - |
| Connectivity                        | K            | - |
| Sensorisation (5)                   | Z            | - |
| UK plug (G type) (6)                | CI           | - |
| Australian model (7)                | AU           | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

(1) Cold water supply at 15°C and machine set to maximum power.

(2) Adjustable height (+25/+0 mm).

(3) The second rinse is carried out with cold water by switching off the boiler heating element.

(4) This option excludes the standard accessories.

(5) Standard in models with water softener (S).

(6) Power reduction to limit consumption to 13A.

(7) Includes Australian plug (I type) and Watermark approval.



CONCEPT+

# Front loading dishwashers 500x500




## General features













- 2.8" backlit colour liquid crystal display (TFT) and five-buttons membrane keypad.
- Stamped tank with slope for a complete drainage.
- Stamped basket guides.
- Sides of the washing chamber in partial double-skin and integral double-skin door.
- Triple in stages filtration system. Composite tank surface filters as standard.
- Boiler with insulation.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Hydraulic (in models with mains pressure- WUP-502) or peristaltic (in models with rinse pump- WUP-503) rinse aid dispenser as standard.
- Thermostop in models with rinse pump (WUP-503).
- Multipower as standard.



## Technical data

|  |           |             |
|--|-----------|-------------|
| Max. theoretical productivity (1)                        | Baskets/h | 40          |
| Dimensions (2)   | mm        | 576x605x835 |
| Net weight   | Kg        | 55          |
| Tank capacity  | L         | 20          |
| Boiler capacity  | L         | 7           |
| Tank heater power  | kW        | 2,8         |
| Boiler heater power                                      | kW        | 5,6         |
| Wash pump power  | kW        | 0,68        |
| Rinse pump power   | kW        | 0,13        |
| Drain pump power   | kW        | 0,04        |
| Total power  | kW        | Multipower  |
| Total amperes  | A         |             |
| Connection   | Sim/Alt   |             |
| Voltage  | V         |             |
| Supply water pressure<br>min. - max. in WUP-502 models   | bar       | 2-4         |
| Supply water pressure<br>min. - max. in WUP-502 S models | bar       | 3-4         |
| Supply water pressure<br>min. - max. in WUP-503 models   | bar       | 1-4         |
| Supply water temperature<br>max.                         | °C        | 60          |
| Level of protection against water                        | IPX       | 3           |

## Programmes

| PROGRAMME   | DESCRIPTION   | WATER CONSUMPTION (L/ CYCLE) (3)  | DURATION (S)  | WASH TEMPERATURE (°C)   | RINSE TEMPERATURE (°C) |
|---|---|---|---|---|------------------------|
| <b>Programmes for CROCKERY - as standard</b>  |   |   |   |   |                        |
|  | Light   | 2,3   | 90  | 60  | 85                     |
|  | Standard  | 2,6   | 120   | 60  | 85                     |
|  | Intensive   | 3   | 180   | 60  | 85                     |
|  | Cutlery   | 3   | 300   | 65  | 85                     |
| <b>Additional programmes</b>  |   |   |   |   |                        |
| Programmes for GLASS  |  |  |  |  | (4)                    |
| Programmes for BAR  |  |  |  |  |                        |

## Multipower

| VOLTAGE (V)   | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|---------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| 220V-240V 1N~ | x        | 15,13          | 3,48             | Alt                | 2,8             | 2,8               | 0,68            |
| 220V-240V 1N~ |          | 19,19          | 4,41             | Alt                | 2,8             | 3,73              | 0,68            |
| 380V-415V 3N~ |          | 15,13          | 6,28             | Alt                | 2,8             | 5,6               | 0,68            |
| 220V-240V 3~  |          | 17,01          | 6,28             | Alt                | 2,8             | 5,6               | 0,68            |




## Codes and prices

|         | MODEL         | CODE 50HZ | € | CODE 60HZ | € | RINSE PUMP | SMART SOFTENER (S) | COLD RINSE (C) (5) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|---------------|-----------|---|-----------|---|------------|--------------------|--------------------|----------------|-------------------------|
| ⊙ STOCK | WUP-502       | 19107921  | - | 19110615  | - |            |                    |                    |                |                         |
|         | WUP-502 B     | 19106121  | - | 19110616  | - |            |                    |                    | X              |                         |
|         | WUP-502 D     | 19109548  | - | 19110617  | - |            |                    |                    |                | X                       |
| ⊙ STOCK | WUP-502 B D   | 19110513  | - | 19110618  | - |            |                    |                    | X              | X                       |
|         | WUP-502 C     | 19110514  | - | 19110619  | - |            |                    | X                  |                |                         |
|         | WUP-502 C B   | 19110515  | - | 19110620  | - |            |                    | X                  | X              |                         |
|         | WUP-502 C D   | 19110516  | - | 19110621  | - |            |                    | X                  |                | X                       |
|         | WUP-502 C B D | 19110517  | - | 19110622  | - |            |                    | X                  | X              | X                       |
|         | WUP-502 S     | 19109549  | - | 19110623  | - |            | X                  |                    |                |                         |
|         | WUP-502 S B   | 19110518  | - | 19110624  | - |            | X                  |                    | X              |                         |
|         | WUP-502 S D   | 19110519  | - | 19110625  | - |            | X                  |                    |                | X                       |
|         | WUP-502 S B D | 19110520  | - | 19110626  | - |            | X                  |                    | X              | X                       |
| ⊙ STOCK | WUP-503       | 19105005  | - | 19110627  | - | X          |                    |                    |                |                         |
|         | WUP-503 B     | 19107903  | - | 19110628  | - | X          |                    |                    | X              |                         |
|         | WUP-503 D     | 19109550  | - | 19110629  | - | X          |                    |                    |                | X                       |
| ⊙ STOCK | WUP-503 B D   | 19104293  | - | 19110630  | - | X          |                    |                    | X              | X                       |
|         | WUP-503 S     | 19109551  | - | 19110631  | - | X          | X                  |                    |                |                         |
|         | WUP-503 S B   | 19107906  | - | 19110632  | - | X          | X                  |                    | X              |                         |
|         | WUP-503 S D   | 19110521  | - | 19110633  | - | X          | X                  |                    |                | X                       |
|         | WUP-503 S B D | 19105450  | - | 19110634  | - | X          | X                  |                    | X              | X                       |

## Options

| DESCRIPTION                             | ABBREVIATION | € |
|---|--------------|---|
| Stainless steel wash and rinse arms (6) | X            | - |
| Double-skin (7)                         | P            | - |
| Glass rod basket 19107616 (8)           | R            | - |
| Connectivity                            | K            | - |
| Sensorisation (9)                       | Z            | - |
| UK plug (G type) (10)                   | Cl           | - |
| Australian model (11)                   | AU           | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

- (1) Cold water supply at 15°C and machine set to maximum power.  
 (2) Adjustable height (+25/+0 mm).  
 (3) In models with mains pressure (WUP-502), consumption may vary depending on the supply water pressure. Water consumption per programme (2 bar): 2,2/ 2,4/ 2,7/ 2,7/ 2,7 l/cycle.  
 (4) In machines with the cold rinse option (C), the second rinse is carried out with cold water, whereas without the option, the rinse is carried out with cold water by switching off the boiler heating element.

- (5) Not compatible with models with water softener (S).  
 (6) Includes stainless steel tank surface filters (SF).  
 (7) Increases the width of the machine by 20 mm, 10 mm in each side.  
 (8) This option excludes the standard accessories.  
 (9) Standard in models with water softener (S).  
 (10) Power reduction to limit consumption to 13A.  
 (11) Includes Australian plug (I type) and Watermark approval.

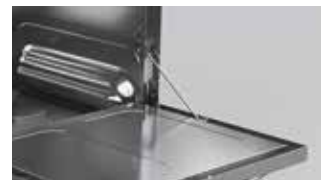
## CONCEPT

# Front loading dishwashers 500x500



## General features

- Electromechanical interface with robust backlit pushbuttons. "T" models with two digit LED displays.
- Stamped tank with slope for a complete drainage.
- Stamped basket guides.
- Sides of the washing chamber in partial double-skin and integral double-skin door.
- Triple in stages filtration system. Composite tank surface filters as standard.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Rinsing with mains pressure.
- Hydraulic rinse aid dispenser as standard.
- Multipower as standard.



## Technical data

|                                   |           |             |
|-----------------------------------|-----------|-------------|
| Max. theoretical productivity (1) | Baskets/h | 40          |
| Dimensions (2)                    | mm        | 576x605x835 |
| Net weight                        | Kg        | 55          |
| Tank capacity                     | L         | 20          |
| Boiler capacity                   | L         | 7           |
| Tank heater power                 | kW        | 2,8         |
| Boiler heater power               | kW        | 5,6         |
| Wash pump power                   | kW        | 0,68        |
| Rinse pump power                  | kW        | 0,13        |
| Drain pump power                  | kW        | 0,04        |
| Total power                       | kW        |             |
| Total amperes                     | A         | Multipower  |
| Connection                        | Sim/Alt   |             |
| Voltage                           | V         |             |
| Supply water pressure min. - max. | bar       | 2-4         |
| Supply water temperature max.     | °C        | 60          |
| Level of protection against water | IPX       | 3           |

## Programmes

| PROGRAMME                  | DESCRIPTION | WATER CONSUMPTION (L/ CYCLE) (3) | DURATION (S) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|----------------------------|-------------|----------------------------------|--------------|-----------------------|------------------------|
| <b>Standard programmes</b> |             |                                  |              |                       |                        |
| P1                         | Light       | 2,2                              | 90           | 60                    | 85                     |
| P2                         | Standard    | 2,2                              | 120          | 60                    | 85                     |
| P3                         | Intensive   | 2,2                              | 180          | 60                    | 85                     |

## Multipower

| VOLTAGE (V)          | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|----------------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| <b>220V-240V 1N~</b> | <b>x</b> | <b>15,13</b>   | <b>3,48</b>      | <b>Alt</b>         | <b>2,8</b>      | <b>2,8</b>        | <b>0,68</b>     |
| 220V-240V 1N~        |          | 19,19          | 4,41             | Alt                | 2,8             | 3,73              | 0,68            |
| 380V-415V 3N~        |          | 15,13          | 6,28             | Alt                | 2,8             | 5,6               | 0,68            |
| 220V-240V 3~         |          | 17,01          | 6,28             | Alt                | 2,8             | 5,6               | 0,68            |




## Codes and prices

|         | MODEL         | CODE 50HZ | € | CODE 60HZ | € | LED DISPLAYS (T) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|---------------|-----------|---|-----------|---|------------------|----------------|-------------------------|
| ☉ STOCK | WUC-502       | 19105105  | - | 19110635  | - |                  |                |                         |
|         | WUC-502 B     | 19109544  | - | 19110636  | - |                  | X              |                         |
|         | WUC-502 D     | 19109546  | - | 19110637  | - |                  |                | X                       |
| ☉ STOCK | WUC-502 B D   | 19110522  | - | 19110638  | - |                  | X              | X                       |
|         | WUC-502 T     | 19109545  | - | 19110639  | - | X                |                |                         |
|         | WUC-502 T B   | 19108785  | - | 19110640  | - | X                | X              |                         |
|         | WUC-502 T D   | 19110523  | - | 19110641  | - | X                |                | X                       |
|         | WUC-502 T B D | 19110524  | - | 19110642  | - | X                | X              | X                       |

## Options

| DESCRIPTION                             | ABBREVIATION | € |
|---|--------------|---|
| Stainless steel wash and rinse arms (4) | X            | - |
| Double-skin (5)                         | P            | - |
| Glass rod basket 19107616 (6)           | R            | - |
| UK plug (G type) (7)                    | CI           | - |
| Australian model (8)                    | AU           | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

(1) Cold water supply at 15°C and machine set to maximum power.

(2) Adjustable height (+25/+0 mm).

(3) Consumption for a supply water pressure of 2 bar. At higher pressures the consumption will increase.

(4) Includes stainless steel tank surface filters (SF).

(5) Increases the width of the machine by 20 mm, 10 mm in each side.

(6) This option excludes the standard accessories.

(7) Power reduction to limit consumption to 13A.

(8) Includes Australian plug (I type) and Watermark approval.

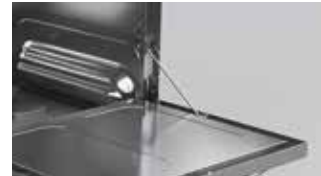
## CONCEPT

# Front loading dishwashers 500x500



## General features

- Electromechanical interface with robust backlit pushbuttons. "T" models with two digit LED displays.
- Stamped tank with slope for a complete drainage.
- Stamped basket guides.
- Sides of the washing chamber in partial double-skin and integral double-skin door.
- Triple in stages filtration system. Composite tank surface filters as standard.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Rinsing with mains pressure.
- Hydraulic rinse aid dispenser as standard.



## Technical data

|                                   |           |             |
|-----------------------------------|-----------|-------------|
| Max. theoretical productivity (1) | Baskets/h | 40          |
| Dimensions (2)                    | mm        | 576x605x835 |
| Net weight                        | Kg        | 55          |
| Tank capacity                     | L         | 20          |
| Boiler capacity                   | L         | 7           |
| Tank heater power                 | kW        | 2,8         |
| Boiler heater power               | kW        | 2,8         |
| Wash pump power                   | kW        | 0,68        |
| Drain pump power                  | kW        | 0,04        |
| Total power                       | kW        | 3,48        |
| Total amperes                     | A         | 16          |
| Connection                        | Sim/Alt   | Alternate   |
| Voltage                           | V         | 220-240 1N~ |
| Supply water pressure min-max.    | bar       | 2-4         |
| Supply water temperature max.     | °C        | 60          |
| Level of protection against water | IPX       | 3           |

## Programmes

| PROGRAMME                  | DESCRIPTION | WATER CONSUMPTION (L/ CYCLE) (3) | DURATION (S) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|----------------------------|-------------|----------------------------------|--------------|-----------------------|------------------------|
| <b>Standard programmes</b> |             |                                  |              |                       |                        |
| P1                         | Standard    | 2,2                              | 120          | 60                    | 85                     |
| P2                         | Intensive   | 2,2                              | 180          | 60                    | 85                     |




## Codes and prices

|         | MODEL         | CODE 50HZ | € | CODE 60HZ | € | LED DISPLAYS (T) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|---------------|-----------|---|-----------|---|------------------|----------------|-------------------------|
| ⊗ STOCK | WUC-500       | 19104935  | - | 19110643  | - |                  |                |                         |
|         | WUC-500 B     | 19109540  | - | 19110644  | - |                  | X              |                         |
|         | WUC-500 D     | 19109541  | - | 19110645  | - |                  |                | X                       |
| ⊗ STOCK | WUC-500 B D   | 19110525  | - | 19110646  | - |                  | X              | X                       |
|         | WUC-500 T     | 19105590  | - | 19110647  | - | X                |                |                         |
|         | WUC-500 T B   | 19110526  | - | 19110648  | - | X                | X              |                         |
|         | WUC-500 T D   | 19110527  | - | 19110649  | - | X                |                | X                       |
|         | WUC-500 T B D | 19110528  | - | 19110650  | - | X                | X              | X                       |

## Options

| DESCRIPTION                             | ABBREVIATION | € |
|---|--------------|---|
| Stainless steel wash and rinse arms (4) | X            | - |
| Double-skin (5)                         | P            | - |
| Glass rod basket 19107616 (6)           | R            | - |
| UK plug (G type) (7)                    | CI           | - |
| Australian model (8)                    | AU           | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

(1) Hot water supply at 50°C.

(2) Adjustable height (+25/+0 mm).

(3) Consumption for a supply water pressure of 2 bar. At higher pressures the consumption will increase.

(4) Includes stainless steel tank surface filters (SF).

(5) Increases the width of the machine by 20 mm, 10 mm in each side.

(6) This option excludes the standard accessories.

(7) Power reduction to limit consumption to 13A.

(8) Includes Australian plug (I type) and Watermark approval.

# Hood type dishwashers 500x500



## General features

- 2.8" backlit colour liquid crystal display (TFT) and capacitive touch display.
- Fully stamped tank with no welds or sharp edges.
- Double-skin hood with thermo-acoustic insulation and metal runners to reduce lifting effort and noise level.
- Maximum visibility thanks to the top position of the control panel.
- Triple stage filtration system. Composite tank surface filter as standard and waste collection basket.
- Boiler with insulation.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Rinse pump, drain pump and peristaltic rinse aid dispenser as standard.
- Thermostop.
- Multipower as standard.



## Technical data

|   |           |               |
|---|-----------|---------------|
| Max. theoretical productivity (1)             | Baskets/h | 60            |
| Dimensions (2)                                | mm        | 630x750x1.545 |
| Dimensions with handle                        | mm        | 715x935       |
| Height with hood opened                       | mm        | 2.030         |
| Height with energy recovery (RC)              | mm        | 1.975         |
| Net weight                                    | Kg        | 116           |
| Net weight with energy recovery (RC)          | Kg        | 135           |
| Tank capacity                                 | L         | 28            |
| Boiler capacity                               | L         | 10            |
| Tank heater power                             | kW        | 2,1           |
| Boiler heater power                           | kW        | 9             |
| Wash pump power                               | kW        | 0,75          |
| Rinse pump power                              | kW        | 0,13          |
| Drain pump power                              | kW        | 0,1           |
| Total power                                   | kW        |               |
| Total amperes                                 | A         |               |
| Connection                                    | Sim/Alt   | Multipower    |
| Voltage                                       | V         |               |
| Supply water pressure min-max.                | bar       | 1-4           |
| Supply water temperature max.                 | °C        | 60            |
| Supply water temperature max. RC and S models | °C        | 25            |
| Level of protection against water             | IPX       | 4             |

## Programmes

| PROGRAMME                                   | DESCRIPTION | WATER CONSUMPTION (L/ CYCLE) | DURATION (S) (3) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|---|-------------|------------------------------|------------------|-----------------------|------------------------|
| <b>Programmes for CROCKERY- as standard</b> |             |                              |                  |                       |                        |
|   | Light       | 2,3                          | 60               | 60                    | 85                     |
|   | Standard    | 2,6                          | 90               | 60                    | 85                     |
|   | Intensive   | 3                            | 180              | 60                    | 85                     |
|   | Extended    | 3                            | 480              | 60                    | 85                     |
|   | Cutlery     | 3                            | 300              | 65                    | 85                     |
| <b>Additional programmes</b>                |             |                              |                  |                       |                        |
| Programmes for GLASS                        |             |                              |                  |                       | (4)                    |
| Programmes for BAR                          |             |                              |                  |                       |                        |

## Multipower

| VOLTAGE (V)          | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|----------------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| 220V-240V 1N~        |          | 27,39          | 6,3              | Sim                | 1,05            | 4,5               | 0,75            |
| 220V-240V 1N~        |          | 35,43          | 8,15             | Sim                | 1,4             | 6                 | 0,75            |
| <b>380V-415V 3N~</b> | <b>x</b> | <b>19,35</b>   | <b>11,85</b>     | <b>Sim</b>         | <b>2,1</b>      | <b>9</b>          | <b>0,75</b>     |
| 220V-240V 3~         |          | 31,12          | 11,85            | Sim                | 2,1             | 9                 | 0,75            |



## Codes and prices

|         | MODEL          | CODE 50HZ | € | CODE 60HZ | € | RINSE PUMP | ENERGY RECOVERY (RC) | SMART SOFTENER (S) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|----------------|-----------|---|-----------|---|------------|----------------------|--------------------|----------------|-------------------------|
|         | WHA-503        | 19105006  | - | 19110651  | - | X          |                      |                    | X              |                         |
| ⊗ STOCK | WHA-503 D      | 19108744  | - | 19110652  | - | X          |                      |                    | X              | X                       |
|         | WHA-503 RC     | 19109461  | - | 19110653  | - | X          | X                    |                    | X              |                         |
|         | WHA-503 RC D   | 19110529  | - | 19110654  | - | X          | X                    |                    | X              | X                       |
|         | WHA-503 S      | 19109460  | - | 19110655  | - | X          |                      | X                  | X              |                         |
| ⊗ STOCK | WHA-503 S D    | 19105482  | - | 19110656  | - | X          |                      | X                  | X              | X                       |
|         | WHA-503 S RC   | 19107905  | - | 19110657  | - | X          | X                    | X                  | X              |                         |
| ⊗ STOCK | WHA-503 S RC D | 19110530  | - | 19110658  | - | X          | X                    | X                  | X              | X                       |

## Options

| DESCRIPTION                         | ABBREVIATION | € |
|-------------------------------------|--------------|---|
| Stainless steel wash and rinse arms | X            | - |
| Stainless steel surface filter      | SF           | - |
| Glass rod basket 19107616 (5)       | R            | - |
| Connectivity                        | K            | - |
| Sensorisation (6)                   | Z            | - |
| Australian model (7)                | AU           | - |
| Marine (8)                          | 400V-440V 3~ | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

(1) Cold water supply at 15°C.

(2) Adjustable height (-20/+50 mm).

(3) In models with energy recovery system (RC), the cycle time is extended by approximately 30s.

(4) The second rinse is carried out with cold water by switching off the boiler heating element.

(5) This option excludes the standard accessories.

(6) Standard in models with water softener (S) or Energy Recovery System (RC).

(7) Includes Watermark approval.

(8) Select the machine with the appropriate frequency and then add the option.

CONCEPT+

# Hood type dishwashers 500x500




## General features













- 2.8" backlit colour liquid crystal display (TFT) and five-buttons membrane keypad.
- Fully stamped tank with no welds or sharp edges.
- Single-skin hood, which slides smoothly on metal runners that reduce lifting effort and noise level.
- Double in stages filtration system. Composite tank surface filter as standard.
- Boiler with insulation.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Hydraulic (in models with mains pressure- WHP-502) or peristaltic (in models with rinse pump- WHP-503) rinse aid dispenser as standard.
- Thermostop in models with rinse pump (WHP-503).
- Multipower as standard.



## Technical data

|   |           |               |
|---|-----------|---------------|
| Max. theoretical productivity (1)                     | Baskets/h | 60            |
| Dimensions (2)  | mm        | 630x750x1.480 |
| Dimensions with handle                                | mm        | 715x935       |
| Height with hood opened                               | mm        | 1.960         |
| Height with energy recovery (RC)                      | mm        | 1.975         |
| Net weight  | Kg        | 97            |
| Net weight with energy recovery (RC)                  | Kg        | 113           |
| Tank capacity   | L         | 33            |
| Boiler capacity in WHP-502 models                     | L         | 9             |
| Boiler capacity in WHP-503 models                     | L         | 10            |
| Tank heater power                                     | kW        | 4,5           |
| Boiler heater power                                   | kW        | 9             |
| Wash pump power                                       | kW        | 0,75          |
| Rinse pump power                                      | kW        | 0,13          |
| Drain pump power                                      | kW        | 0,1           |
| Total power   | kW        |               |
| Total amperes   | A         |               |
| Connection  | Sim/Alt   | Multipower    |
| Voltage   | V         |               |
| Supply water pressure min. - max. in WHP-502          | bar       | 2-4           |
| Supply water pressure min. - max. in WHP-502 S / S RC | bar       | 3-4           |
| Supply water pressure min. - max. in WHP-503 models   | bar       | 1-4           |
| Supply water temperature max.                         | °C        | 60            |
| Supply water temperature max. RC models               | °C        | 25            |
| Level of protection against water                     | IPX       | 4             |

## Programmes

| PROGRAMME   | DESCRIPTION | WATER CONSUMPTION (L/ CYCLE) (3)  | DURATION (S) (4)  | WASH TEMPERATURE (°C)   | RINSE TEMPERATURE (°C)  |
|---|-------------|---|---|---|---|
| <b>Programmes for CROCKERY - as standard</b>  |             |   |   |   |   |
|  | Light       | 2,3   | 60  | 60  | 85  |
|  | Standard    | 2,6   | 90  | 60  | 85  |
|  | Intensive   | 3   | 180   | 60  | 85  |
|  | Extended    | 3   | 480   | 60  | 85  |
|  | Cutlery     | 3   | 300   | 65  | 85  |
| <b>Additional programmes</b>  |             |   |   |   |   |
| Programmes for GLASS  |             |  |  |  |  * (5) |
| Programmes for BAR  |             |  |  |  |   |

## Multipower

| VOLTAGE (V)          | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|----------------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| 220V-240V 1N~        |          | 22,83          | 5,25             | Alt                | 2,25            | 4,5               | 0,75            |
| 220V-240V 1N~        |          | 29,35          | 6,75             | Alt                | 3               | 6                 | 0,75            |
| 220V-240V 1N~        |          | 32,61          | 7,5              | Sim                | 2,25            | 4,5               | 0,75            |
| 220V-240V 1N~        |          | 42,39          | 9,75             | Sim                | 3               | 6                 | 0,75            |
| 380V-415V 3N~        |          | 16,30          | 9,75             | Alt                | 4,5             | 9                 | 0,75            |
| <b>380V-415V 3N~</b> | <b>x</b> | <b>22,83</b>   | <b>14,25</b>     | <b>Sim</b>         | <b>4,5</b>      | <b>9</b>          | <b>0,75</b>     |
| 220V-240V 3~         |          | 25,85          | 9,75             | Alt                | 4,5             | 9                 | 0,75            |
| 220V-240V 3~         |          | 37,15          | 14,25            | Sim                | 4,5             | 9                 | 0,75            |

## Codes and prices

|         | MODEL            | CODE 50HZ | € | CODE 60HZ | € | RINSE PUMP | ENERGY RECOVERY (RC) | SMART SOFTENER (S) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|------------------|-----------|---|-----------|---|------------|----------------------|--------------------|----------------|-------------------------|
| ⊙ STOCK | WHP-502          | 19104995  | - | 19110659  | - |            |                      |                    |                |                         |
|         | WHP-502 B        | 19105442  | - | 19110660  | - |            |                      |                    | X              |                         |
|         | WHP-502 D        | 19109453  | - | 19110661  | - |            |                      |                    |                | X                       |
| ⊙ STOCK | WHP-502 B D      | 19110531  | - | 19110662  | - |            |                      |                    | X              | X                       |
| ⊙ STOCK | WHP-502 RC       | 19109455  | - | 19110663  | - |            | X                    |                    |                |                         |
|         | WHP-502 RC B     | 19110532  | - | 19110664  | - |            | X                    |                    | X              |                         |
|         | WHP-502 RC D     | 19110533  | - | 19110665  | - |            | X                    |                    |                | X                       |
|         | WHP-502 RC B D   | 19110534  | - | 19110666  | - |            | X                    |                    | X              | X                       |
|         | WHP-502 S B      | 19109454  | - | 19110668  | - |            |                      | X                  | X              |                         |
|         | WHP-502 S B D    | 19110537  | - | 19110670  | - |            |                      | X                  | X              | X                       |
|         | WHP-502 S RC B   | 19110539  | - | 19110672  | - |            | X                    | X                  | X              |                         |
|         | WHP-502 S RC B D | 19110541  | - | 19110674  | - |            | X                    | X                  | X              | X                       |
| ⊙ STOCK | WHP-503          | 19104996  | - | 19110675  | - | X          |                      |                    |                |                         |
|         | WHP-503 B        | 19108550  | - | 19110676  | - | X          |                      |                    | X              |                         |
|         | WHP-503 D        | 19109456  | - | 19110677  | - | X          |                      |                    |                | X                       |
| ⊙ STOCK | WHP-503 B D      | 19110542  | - | 19110678  | - | X          |                      |                    | X              | X                       |
|         | WHP-503 RC       | 19109459  | - | 19110679  | - | X          | X                    |                    |                |                         |
|         | WHP-503 RC B     | 19110543  | - | 19110680  | - | X          | X                    |                    | X              |                         |
|         | WHP-503 RC D     | 19110544  | - | 19110681  | - | X          | X                    |                    |                | X                       |
|         | WHP-503 RC B D   | 19110545  | - | 19110682  | - | X          | X                    |                    | X              | X                       |
|         | WHP-503 S B      | 19109457  | - | 19110684  | - | X          |                      | X                  | X              |                         |
|         | WHP-503 S B D    | 19110548  | - | 19110686  | - | X          |                      | X                  | X              | X                       |
|         | WHP-503 S RC B   | 19110550  | - | 19110688  | - | X          | X                    | X                  | X              |                         |
|         | WHP-503 S RC B D | 19110552  | - | 19110690  | - | X          | X                    | X                  | X              | X                       |

## Options

| DESCRIPTION                         | ABBREVIATION | € |
|-------------------------------------|--------------|---|
| Stainless steel wash and rinse arms | X            | - |
| Stainless steel surface filter      | SF           | - |
| Double-skin                         | P            | - |
| Glass rod basket 19107616 (6)       | R            | - |
| Connectivity                        | K            | - |
| Sensorisation (7)                   | Z            | - |
| Australian model (8)                | AU           | - |
| Marine (9)                          | 400V-440V 3~ | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

(1) Cold water supply at 15°C.

(2) Adjustable height (-20/+50 mm).

(3) In models with mains pressure (WHP-502), consumption may vary depending on the supply water pressure. Water consumption per programme (2 bar): 2,2/ 2,4/ 2,8/ 2,8/ 2,8/ 2,8 l/cycle.

(4) In models with energy recovery system (RC), the cycle time is extended by approximately 30s.

(5) The second rinse is carried out with cold water by switching off the boiler heating element.

(6) This option excludes the standard accessories.

(7) Standard in models with water softener (S) or Energy Recovery System (RC).

(8) Includes Watermark approval.

(9) Select the machine with the appropriate frequency and then add the option.

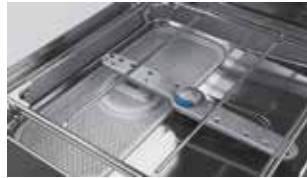
## CONCEPT

## Hood type dishwashers 500x500



## General features

- Electromechanical interface with robust backlit pushbuttons. "T" models with two digit LED displays.
- Fully stamped tank with no welds or sharp edges.
- Single-skin hood, which slides smoothly on metal runners that reduce lifting effort and noise level.
- Double in stages filtration system. Composite tank surface filter as standard.
- Dual-flow wash pump with soft-start.
- Duo-KLIP upper and lower wash/rinse arms made of composite material.
- Rinsing with mains pressure.
- Hydraulic rinse aid dispenser as standard.



## Technical data

|   |           |                           |     |
|---|-----------|---------------------------|-----|
| Max. theoretical productivity (1)       | Baskets/h | 40                        |     |
| Dimensions (2)                          | mm        | 630x750x1.480             |     |
| Dimensions with handle                  | mm        | 715x935                   |     |
| Height with hood opened                 | mm        | 1.960                     |     |
| Height with energy recovery (RC)        | mm        | 1.975                     |     |
| Net weight                              | Kg        | 97                        |     |
| Net weight with energy recovery (RC)    | Kg        | 113                       |     |
| Tank capacity                           | L         | 33                        |     |
| Boiler capacity                         | L         | 9                         |     |
| Tank heater power                       | kW        | 3                         |     |
| Boiler heater power                     | kW        | 6                         |     |
| Wash pump power                         | kW        | 0,75                      |     |
| Rinse pump power                        | kW        | 0,13                      |     |
| Drain pump power                        | kW        | 0,1                       |     |
| Total power                             | kW        |                           |     |
| Total amperes                           | A         | Voltage and power options |     |
| Connection                              | Sim/Alt   |                           |     |
| Voltage                                 | V         |                           |     |
| Supply water pressure min. - max.       | bar       |                           | 2-4 |
| Supply water temperature max.           | °C        |                           | 60  |
| Supply water temperature max. RC models | °C        | 25                        |     |
| Level of protection against water       | IPX       | 4                         |     |

## Programmes

| PROGRAMME                  | DESCRIPTION | WATER CONSUMPTION (L/ CYCLE) (3) | DURATION (S) (4) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|----------------------------|-------------|----------------------------------|------------------|-----------------------|------------------------|
| <b>Standard programmes</b> |             |                                  |                  |                       |                        |
| P1                         | Light       | 2,2                              | 90               | 60                    | 85                     |
| P2                         | Standard    | 2,2                              | 120              | 60                    | 85                     |
| P3                         | Intensive   | 2,2                              | 180              | 60                    | 85                     |
|                            | Extended    | 2,2                              | 480              | 60                    | 85                     |

## Voltage and power options

| VOLTAGE (V)          | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|----------------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| 380V-415V 3N~        |          | 11,96          | 6,75             | Alt                | 3               | 6                 | 0,75            |
| <b>380V-415V 3N~</b> | <b>x</b> | <b>16,3</b>    | <b>9,75</b>      | <b>Sim</b>         | <b>3</b>        | <b>6</b>          | <b>0,75</b>     |
| 220V-240V 3~         |          | 18,32          | 6,75             | Alt                | 3               | 6                 | 0,75            |
| 220V-240V 3~         |          | 25,85          | 9,75             | Sim                | 3               | 6                 | 0,75            |

## Codes and prices

|         | MODEL            | CODE 50HZ | € | CODE 60HZ | € | ENERGY RECOVERY (RC) | LED DISPLAYS (T) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|---------|------------------|-----------|---|-----------|---|----------------------|------------------|----------------|-------------------------|
| ⊙ STOCK | WHC-502          | 19103824  | - | 19110691  | - |                      |                  |                |                         |
|         | WHC-502 B        | 19109394  | - | 19110692  | - |                      |                  | X              |                         |
|         | WHC-502 D        | 19109401  | - | 19110693  | - |                      |                  |                | X                       |
| ⊙ STOCK | WHC-502 B D      | 19110553  | - | 19110694  | - |                      |                  | X              | X                       |
|         | WHC-502 T        | 19105440  | - | 19110695  | - |                      | X                |                |                         |
|         | WHC-502 T B      | 19110554  | - | 19110696  | - |                      | X                | X              |                         |
|         | WHC-502 T D      | 19110555  | - | 19110697  | - |                      | X                |                | X                       |
|         | WHC-502 T B D    | 19110556  | - | 19110698  | - |                      | X                | X              | X                       |
|         | WHC-502 T RC     | 19109445  | - | 19110699  | - | X                    | X                |                |                         |
|         | WHC-502 T RC B   | 19110557  | - | 19110700  | - | X                    | X                | X              |                         |
|         | WHC-502 T RC D   | 19110558  | - | 19110701  | - | X                    | X                |                | X                       |
|         | WHC-502 T RC B D | 19110559  | - | 19110702  | - | X                    | X                | X              | X                       |

## Options

| DESCRIPTION                         | ABBREVIATION | € |
|-------------------------------------|--------------|---|
| Stainless steel wash and rinse arms | X            | - |
| Stainless steel surface filter      | SF           | - |
| Double-skin                         | P            | - |
| Glass rod basket 19107616 (5)       | R            | - |
| Australian model (6)                | AU           | - |
| Marine (7)                          | 400V-440V 3~ | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

(1) Cold water supply at 15°C.

(2) Adjustable height (-20/+50 mm).

(3) Consumption for a supply water pressure of 2 bar. At higher pressures the consumption will increase.

(4) In models with energy recovery system (RC), the cycle time is extended by approximately 30s.

(5) This option excludes the standard accessories.

(6) Includes Watermark approval.

(7) Select the machine with the appropriate frequency and then add the option.

# Front loading dishwashers 500x500



## General features



- 2.8" backlit colour liquid crystal display (TFT) and five-buttons membrane keypad.
- Stamped tank with slope for a complete drainage.
- Stamped basket guides.
- The machine is built with integral double-skin.
- Triple in stages filtration system. Stainless steel tank surface filters as standard.
- Boiler with insulation.
- Dual-flow wash pump with soft-start.
- Stainless steel Duo-KLIP upper and lower wash/rinse arms.
- Rinse pump and peristaltic rinse aid dispenser as standard.
- Thermostop.



## Technical data

|                                   |           |                           |
|-----------------------------------|-----------|---------------------------|
| Max. theoretical productivity (1) | Baskets/h | 40                        |
| Dimensions (2)                    | mm        | 596x605x835               |
| Net weight                        | Kg        | 58                        |
| Tank capacity                     | L         | 20                        |
| Boiler capacity                   | L         | 7                         |
| Tank heater power                 | kW        | 4,5                       |
| Boiler heater power               | kW        | 5,6                       |
| Wash pump power                   | kW        | 0,68                      |
| Rinse pump power                  | kW        | 0,13                      |
| Drain pump power                  | kW        | 0,04                      |
| Total power                       | kW        |                           |
| Total amperes                     | A         | Voltage and power options |
| Connection                        | Sim/Alt   |                           |
| Voltage                           | V         |                           |
| Supply water pressure min. - max. | bar       | 1-4                       |
| Supply water temperature max.     | °C        | 60                        |
| Level of protection against water | IPX       | 3                         |

## Programmes

| PROGRAMME   | DESCRIPTION   | WATER CONSUMPTION (L/ CYCLE) | DURATION (S) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|---|---|------------------------------|--------------|-----------------------|------------------------|
| <b>Standard programmes</b>  |   |                              |              |                       |                        |
|  | Light   | 2,1                          | 90           | 60                    | 85                     |
|  | Standard  | 2,3                          | 120          | 60                    | 85                     |
| $A_{0}^{30}$  | Sanitary programme according to UNE-EN ISO 15883-1/3, MODE A0=30. | 2,3                          | automatic    | 72                    | 85                     |
| $A_{0}^{60}$  | Sanitary programme according to UNE-EN ISO 15883-1/3, MODE A0=60. | 2,9                          | automatic    | 72                    | 85                     |

## Voltage and power options

| VOLTAGE (V)   | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|---------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| 380V-415V 3N~ | x        | 17,59          | 10,78            | Sim                | 4,5             | 5,6               | 0,68            |
| 220V-240V 3~  |          | 28,31          | 10,78            | Sim                | 4,5             | 5,6               | 0,68            |



## Codes and prices

| MODEL          | CODE 50HZ | € | CODE 60HZ | € | RINSE PUMP | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|----------------|-----------|---|-----------|---|------------|----------------|-------------------------|
| WUP-503 SN     | 19105091  | - | 19110703  | - | X          |                |                         |
| WUP-503 SN B   | 19110560  | - | 19110704  | - | X          | X              |                         |
| WUP-503 SN D   | 19110561  | - | 19110705  | - | X          |                | X                       |
| WUP-503 SN B D | 19110562  | - | 19110706  | - | X          | X              | X                       |

## Options

| DESCRIPTION                      | ABBREVIATION | € |
|----------------------------------|--------------|---|
| Glass rod basket<br>19107616 (3) | R            | - |
| Connectivity                     | K            | - |
| Sensorisation                    | Z            | - |
| Australian model (4)             | AU           | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

- (1) Cold water supply at 15°C.  
 (2) Adjustable height (+25/+0 mm).  
 (3) This option excludes the standard accessories.  
 (4) Includes Watermark approval.

# Hood type dishwashers 500x500



## General features



- 2.8" backlit colour liquid crystal display (TFT) and five-buttons membrane keypad.
- Fully stamped tank with no welds or sharp edges.
- Double-skin hood with thermo-acoustic insulation and metal runners that reduce lifting effort and noise level.
- Double in stages filtration system. Stainless steel surface filter as standard.
- Boiler with insulation.
- Dual-flow wash pump with soft-start.
- Stainless steel Duo-KLIP upper and lower wash/rinse arms.
- Rinse pump and peristaltic rinse aid dispenser as standard.
- Thermostop.



## Technical data

|  |           |                           |
|--|-----------|---------------------------|
| Max. theoretical productivity (1)      | Baskets/h | 60                        |
| Dimensions (2)                         | mm        | 630x750x1.480             |
| Dimensions with handle                 | mm        | 715x935                   |
| Height with hood opened                | mm        | 1.960                     |
| Height with energy recovery (RC)       | mm        | 1.975                     |
| Net weight                             | Kg        | 97                        |
| Net weight with energy recovery (RC)   | Kg        | 113                       |
| Tank capacity                          | L         | 33                        |
| Boiler capacity                        | L         | 10                        |
| Tank heater power                      | kW        | 4,5                       |
| Boiler heater power                    | kW        | 9                         |
| Wash pump power                        | kW        | 0,75                      |
| Rinse pump power                       | kW        | 0,13                      |
| Drain pump power                       | kW        | 0,1                       |
| Total power                            | kW        |                           |
| Total amperes                          | A         |                           |
| Connection                             | Sim/Alt   | Voltage and power options |
| Voltage                                | V         |                           |
| Supply water pressure min. - max.      | bar       | 1-4                       |
| Supply water temperature max.          | °C        | 60                        |
| Supply water temperature max RC models | °C        | 25                        |
| Level of protection against water      | IPX       | 4                         |

## Programmes

| PROGRAMME   | DESCRIPTION   | WATER CONSUMPTION (L/ CYCLE) | DURATION (S) (3) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|---|---|------------------------------|------------------|-----------------------|------------------------|
| <b>Standard programmes</b>  |   |                              |                  |                       |                        |
|  | Light   | 2,1                          | 60               | 60                    | 85                     |
|  | Standard  | 2,3                          | 90               | 60                    | 85                     |
| $A_{0}^{30}$  | Sanitary programme according to UNE-EN ISO 15883-1/3, MODE A0=30. | 2,3                          | automatic        | 74                    | 85                     |
| $A_{0}^{60}$  | Sanitary programme according to UNE-EN ISO 15883-1/3, MODE A0=60. | 2,9                          | automatic        | 74                    | 85                     |

## Voltage and power options

| VOLTAGE (V)   | STANDARD | TOTAL AMP. (A) | TOTAL POWER (kW) | CONNECT. (Sim/Alt) | TANK POWER (kW) | BOILER POWER (kW) | PUMP POWER (kW) |
|---------------|----------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|
| 380V-415V 3N~ | x        | 22,83          | 14,25            | Sim                | 4,5             | 9                 | 0,75            |
| 220V-240V 3~  |          | 37,15          | 14,25            | Sim                | 4,5             | 9                 | 0,75            |




## Codes and prices

| MODEL             | CODE 50HZ | € | CODE 60HZ | € | RINSE PUMP | ENERGY RECOVERY (RC) | DRAIN PUMP (B) | DETERGENT DISPENSER (D) |
|-------------------|-----------|---|-----------|---|------------|----------------------|----------------|-------------------------|
| WHP-503 SN        | 19110563  | - | 19110707  | - | X          |                      |                |                         |
| WHP-503 SN B      | 19110564  | - | 19110708  | - | X          |                      | X              |                         |
| WHP-503 SN D      | 19110565  | - | 19110709  | - | X          |                      |                | X                       |
| WHP-503 SN B D    | 19110566  | - | 19110710  | - | X          |                      | X              | X                       |
| WHP-503 SN RC     | 19108549  | - | 19110711  | - | X          | X                    |                |                         |
| WHP-503 SN RC B   | 19110567  | - | 19110712  | - | X          | X                    | X              |                         |
| WHP-503 SN RC D   | 19110568  | - | 19110713  | - | X          | X                    |                | X                       |
| WHP-503 SN RC B D | 19110569  | - | 19110714  | - | X          | X                    | X              | X                       |

## Options

| DESCRIPTION                      | ABBREVIATION | € |
|----------------------------------|--------------|---|
| Glass rod basket<br>19107616 (4) | R            | - |
| Connectivity                     | K            | - |
| Sensorisation (5)                | Z            | - |
| Australian model (6)             | AU           | - |
| Marine (7)                       | 400V-440V 3~ | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19000484   | pc | 1 |
|  | Plates basket<br>19000487  | pc | 1 |
|  | Cutlery insert<br>19000792 | pc | 1 |

(1) Cold water supply at 15°C.

(2) Adjustable height (-20/+50 mm).

(3) In models with energy recovery system (RC), the cycle time is extended by approximately 30s.

(4) This option excludes the standard accessories.


(5) Standard in models with Energy Recovery System (RC).

(6) Includes Watermark approval.


(7) Select the machine with the appropriate frequency and then the add option.

# Accessories


## Detergent dispenser and drain pump kit

|   | MODEL  | CODE     | APPLIES TO  | DESCRIPTION                     | POWER (KW) | € |
|---|--------|----------|---|---------------------------------|------------|---|
|  | WAD    | 19110571 | Glasswashers, front loading dishwashers and hood type dishwashers | Peristaltic detergent dispenser | -          | - |
|   | WAB-GU | 19110572 | Glasswashers and front loading dishwashers                        | Drain pump kit 50/60 Hz         | 0,04       | - |
|   | WAB-H  | 19110082 | Hood type dishwashers   | Drain pump kit 50/60 Hz         | 0,1        | - |


## Rinse aid/detergent low level sensor kit

|   | MODEL | CODE     | APPLIES TO   | DESCRIPTION                                    | € |
|---|-------|----------|--|--|---|
|  | WALS  | 19111334 | Concept + and Advance range with sensorisation option (Z). | Rinse aid/detergent level sensor kit (1 piece) | - |

## Connectivity Kit

|  | MODEL                           | CODE     | APPLIES TO                  | DESCRIPTION        | € |
|--|---------------------------------|----------|-----------------------------|--------------------|---|
|  <b>FagorKonnect</b><br>Foodservice | KIT FAGORKONNECT<br>warewashing | 19110570 | Concept + and Advance range | Wi-fi and Ethernet | - |

## Stands

|   | MODEL   | CODE     | APPLIES TO               | DESCRIPTION                    | DIMENSIONS  | € |
|---|---------|----------|--------------------------|--------------------------------|-------------|---|
|  | WAGB-S  | 19105217 | Glasswasher              |                                | 465x433x90  | - |
|   | WAGB-XL | 19105218 | Glasswasher              | Capacity for 2 baskets 400x400 | 470x465x505 | - |
|   | WAUB-XL | 19105219 | Front loading dishwasher | Capacity for 2 baskets 500x500 | 580x565x400 | - |

## Tables for hood-type dishwashers

- Worktop made of stainless steel with satin finish.
- Welded bowl 450 x 450 x 250 mm.
- Shower unit not included, but provided with a hole to fit it.
- Sorting hole with black rubber ring flush with the worktop for disposal of waste into a rubbish bin (not included).
- Splashback 100 x 15 mm.
- Square stainless steel legs 40 x 40 mm.
- Frame height 850 mm with height-adjustable stainless steel legs (-10 mm / + 50 mm).
- Supplied disassembled.

### Tables without bowl



### Tables without bowl and with splashback



| DIMENSIONS (mm) | MODEL    | CODE     | € | RIGHT         |            |          | LEFT |            |          |   |
|-----------------|----------|----------|---|---------------|------------|----------|------|------------|----------|---|
|                 |          |          |   | DIMENSIONS    | MODEL      | CODE     | €    | MODEL      | CODE     | € |
| 700x620x850     | WHTC-70  | 19104311 | - | 700x740x850   | WHTW-70 R  | 19104313 | -    | WHTW-70 L  | 19104312 | - |
| 1.200x620x850   | WHTC-120 | 19105486 | - | 1.200x740x850 | WHTW-120 R | 19104315 | -    | WHTW-120 L | 19104314 | - |

### Tables with bowl and splashback



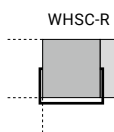
| DIMENSIONS (mm) | RIGHT       |          |   | LEFT        |          |   |
|-----------------|-------------|----------|---|-------------|----------|---|
|                 | MODEL       | CODE     | € | MODEL       | CODE     | € |
| 700x740x850     | WHTWB-70 R  | 19104319 | - | WHTWB-70 L  | 19104318 | - |
| 1.200x740x850   | WHTWB-120 R | 19104321 | - | WHTWB-120 L | 19104320 | - |

### Tables with bowl, sorting hole and splashback



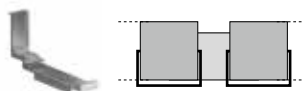
| DIMENSIONS (mm) | RIGHT        |          |   | LEFT         |          |   |
|-----------------|--------------|----------|---|--------------|----------|---|
|                 | MODEL        | CODE     | € | MODEL        | CODE     | € |
| 1.200x740x850   | WHTWBS-120 R | 19104323 | - | WHTWBS-120 L | 19104322 | - |
| 1.500x740x850   | WHTWBS-150 R | 19104325 | - | WHTWBS-150 L | 19104324 | - |

### Side closure



| RIGHT  |          |   | LEFT   |          |   |
|--------|----------|---|--------|----------|---|
| MODEL  | CODE     | € | MODEL  | CODE     | € |
| WHSC-R | 19104327 | - | WHSC-L | 19104326 | - |

### Union element for hood dishwashers



| MODEL   | CODE     | DIMENSIONS (mm) | € |
|---------|----------|-----------------|---|
| WHTJ-14 | 19104316 | 140             | - |
| WHTJ-62 | 19104317 | 640             | - |

# Water treatment

## What you can achieve with treatment of water

Most of the water that comes out of the tap seems perfectly pure, however it may contain invisible contaminants.

Removing these elements has a decisive influence on water quality.

Calcium and magnesium (hardness) are eliminated and the useful life of the equipment is significantly extended, reducing maintenance interventions and the use of detergents and rinse aids.

|                                 | SOFTENER | REVERSE OSMOSIS |
|---------------------------------|----------|-----------------|
| EXCELLENT WASH                  |          | X               |
| SAVING DETERGENTS               | X        | X               |
| REDUCES GLASS AND CERAMICS WEAR |          | X               |
| PROTECTS THE MACHINE            | X        | X               |
| GOODBYE MANUAL DRYING           |          | X               |

## Water treatment methods

Water treatment occurs mainly in two ways.

### SOFTENER

The result obtained by using the water softener is to eliminate the calcium  $\text{Ca}^{2+}$  and magnesium  $\text{Mg}^{2+}$  ions, responsible for the hardness of the water. This effectively prevents the formation of encrustations which over time reduce the performance of the machines and cause malfunctions.


### REVERSE OSMOSIS

Thanks to the very high degree of filtration that characterizes reverse osmosis machines, it is possible to obtain water with high quality characteristics. Water, passing through one or more membranes, is deprived not only of the elements that determine its hardness, but also of all substances contaminants, responsible, for example, for unwanted odors and flavors.

For excellent results and long maintenance intervals, the two technologies can be combined.



## Manual water softeners

| CODE  | DESCRIPTION | CAPACITY OF REGENERATION (*) | DIMENSIONS (mm)                      | €            |   |
|---|-------------|------------------------------|--------------------------------------|--------------|---|
|  | 19004690    | DESCALING KIT 12 L.          | 1.050 litres between 2 regenerations | Ø 185x560 mm | - |
|   | 19004798    | DESCALING KIT 16 L.          | 1.400 litres between 2 regenerations | Ø 185x740 mm | - |

## Reverse osmosis

Great advantages of reverse osmosis:

- It reduces detergent use by up to 60% and rinse aid by 70-100%.
- It polishes plates, glasses and cutlery, obtaining a mark-free washing result since it does not require drying after the wash.
- It extends the life of glassware and dishes since it reduces corrosion.
- It protects the machinery, extending its life.



### Inlet water conditions:

- Type of inlet water: drinking water.
- Inlet water temperature: 5 °C - 35 °C.
- Minimum flow: 400 l/h.
- Supply pressure: 1,5-6 bar.
- Maximum conductivity of inlet water: 1200 µS / cm.
- Maximum inlet water hardness: up to 35°f with pH below 8,5 and up to 27°f with pH above 8,5.
- As of 10°dH 15°dH or 27°f, we recommend installing a water softening system prior to osmosis to prevent blockage of the membrane.
- High-flow reverse osmosis system.
- Vertical or horizontal installation.

- Flow: 120 l/h at 15°C.
- Recovery rate from 25% to 60%.
- Typical rejection rate: 95 %.
- Electrical connection 230V ~ 50/60Hz.
- Prefilter that reduces and eliminates water turbidity, chlorine, tastes and smells. Its nominal filtration rate is 5 microns.
- Easy to install.
- Prefilter change alarm.
- Water leak alarm.
- Low-pressure alarm at system entrance.
- Manual bypass valve.

**ONLY VALID FOR: WGP-401, WUA-503, WUP-503, WHA-503 and WHP-503**

| MODEL    | CODE     | FLOW 15°C (L/H) | NUMBER OF MEMBRANES | VOLTAGE (V) | FREQUENCY (HZ) | POWER (KW) | DIMENSIONS (mm) | € |
|----------|----------|-----------------|---------------------|-------------|----------------|------------|-----------------|---|
| REVO-120 | 19076763 | 120             | 2                   | 230         | 50             | 0,33       | 145 x 560 x 455 | - |

| MODEL      | CODE     | DESCRIPTION  | € |
|------------|----------|--|---|
| PREF-PACK6 | 19076764 | Pack of 6 units of rapid-connection cartridges with extruded carbon block filter | - |



Robust and powerful  
for high degrees  
of cleanliness.



Access the website



# Utensil washers

|                       |     |
|-----------------------|-----|
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# Utensil washers



- 5" backlit colour LCD display.
- The tank is stamped and inclined for complete drainage. The washing chamber is free of interior pipes, edges and holes where dirt can accumulate. In WLP-61 model, the tank is welded.
- The machine is built with integral double-skin.
- Soundproofed and heat-resistant double-skin door.
- Counter-balanced, cushioned door for easy opening and closing (except for WLP-61 model).
- Stainless steel tank surface filter, retains coarse dirt.
- Polypropylene basket filter, except on WLP-61 models, which is in an easily accessible position so that the operator can remove and empty it

- in a few seconds.
- Suction filter in polypropylene that blocks the lightest dirt, protecting the washing pump. In WLP-61 model double suction filter.
- Dual-flow wash pump. 2 pumps in WLP-130 model.
- Lower and upper "3-spoke" stainless steel wash arms. In WLP-61 "2-spoke" in lower side.
- Rinse pump, drain pump, peristaltic rinse aid dispenser and peristaltic detergent dispenser as standard.
- Rod basket as standard accessory.

## Technical data

| TECHNICAL DATA                             |           | WLP-61            | WLP-62            | WLP-63            | WLP-70            | WLP-130           |
|--|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Maximum theoretical productivity           | Baskets/h | 30                | 30                | 30                | 30                | 30                |
| Dimensions                                 | mm        | 600x700x1.290     | 719x782x1.727     | 719x782x1.927     | 853x857x1.959     | 1.465x857x1.959   |
| Height with door open                      | mm        | -                 | 1.997             | 2.243             | 2.274             | 2.274             |
| Height with energy recovery (RC)           | mm        | -                 | 1.956             | 2.156             | 2.187             | 2.187             |
| Usable height                              | mm        | 405               | 650               | 850               | 850               | 850               |
| Net weight                                 | Kg        | 71                | 148               | 173               | 181               | 301               |
| Net weight with energy recovery (RC)       | Kg        | -                 | 174               | 199               | 207               | 327               |
| Tank capacity                              | L         | 23                | 37                | 37                | 68                | 131               |
| Boiler capacity                            | L         | 6                 | 12                | 12                | 12                | 17                |
| Tank heater power                          | kW        | 2,1               | 3                 | 3                 | 8                 | 10,5              |
| Boiler heater power                        | kW        | 6                 | 6                 | 6                 | 8                 | 10,5              |
| Washing pump power                         | kW        | 0,7               | 1,5               | 1,5               | 2,7               | 2,7x2             |
| Rinsing pump power                         | kW        | 0,2               | 0,2               | 0,2               | 0,2               | 0,2x2             |
| Drainage pump power                        | kW        | 0,1               | 0,1               | 0,1               | 0,1               | 0,1               |
| Total power                                | kW        | 6,7               | 7,5               | 7,5               | 10,7              | 15,9              |
| Fuse protection                            | A         | 16                | 16                | 16                | 25                | 32                |
| Connection                                 | Sim/Alt   | Alternate         | Alternate         | Alternate         | Alternate         | Alternate         |
| Voltage                                    | V         | 380 V-415 V / 3N~ | 380 V-415 V / 3N~ | 380 V-415 V / 3N~ | 380 V-415 V / 3N~ | 380 V-415 V / 3N~ |
| Frequency                                  | Hz        | 50                | 50                | 50                | 50                | 50                |
| Supply water pressure min-max.             | bar       | 1-6               | 1-6               | 1-6               | 1-6               | 1-6               |
| Supply water temperature min-max.          | °C        | 15-60             | 15-60             | 15-60             | 15-60             | 15-60             |
| Supply water temperature min-max RC models | °C        | -                 | 15-25             | 15-25             | 15-25             | 15-25             |
| Level of protection against water          | IPX       | 4                 | 4                 | 4                 | 4                 | 4                 |

## Programmes

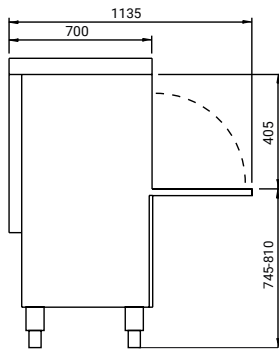
| PROGRAMME  | DESCRIPTION | WATER CONSUMPTION (L / CYCLE) |        |        |        |         | DURATION (S) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) |
|--|-------------|-------------------------------|--------|--------|--------|---------|--------------|-----------------------|------------------------|
|  |             | WLP-61                        | WLP-62 | WLP-63 | WLP-70 | WLP-130 |              |                       |                        |
| <b>Standard programmes</b>   |             |                               |        |        |        |         |              |                       |                        |
| Professional 2   | Light       | 2,4                           | 3      | 3      | 4      | 6       | 120          | 55                    | 80                     |
| Professional 4   | Standard    | 3                             | 3,5    | 3,5    | 6      | 8       | 240          | 60                    | 82                     |
| Professional 6   | Intensive   | 3,5                           | 3,5    | 3,5    | 6      | 8       | 360          | 65                    | 85                     |
| <b>Special programmes</b>  |             |                               |        |        |        |         |              |                       |                        |
| <b>Prolong</b> - Difficult dirt, <b>Proeco</b> - Cycle at low temperature, <b>Proplates</b> - Cycle for dishes, <b>Proactive 5</b> - Pots and utensils, <b>Proactive 7</b> - Pots and utensils |             |                               |        |        |        |         |              |                       |                        |
| <b>Self-cleaning programmes</b>  |             |                               |        |        |        |         |              |                       |                        |
| <b>Proself</b> - Self-cleaning, <b>Proclean</b> - Self-cleaning and emptying, <b>Prodrain</b> - Emptying   |             |                               |        |        |        |         |              |                       |                        |

## Codes and prices

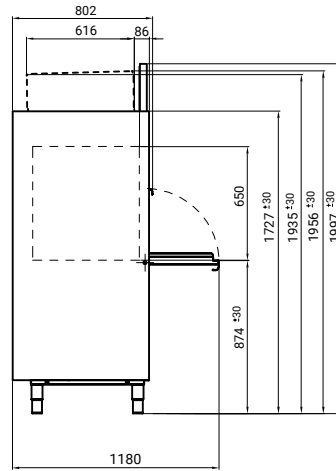
| MODEL      | CODE 50HZ | RINSE PUMP<br>DRAINAGE PUMP<br>DETERGENT DISP. | ENERGY RECOVERY (RC) | € |
|------------|-----------|--|----------------------|---|
| WLP-61     | 19111090  | X  |                      | - |
| WLP-62     | 19111092  | X  |                      | - |
| WLP-62 RC  | 19111094  | X  | X                    | - |
| WLP-63     | 19111095  | X  |                      | - |
| WLP-63 RC  | 19111096  | X  | X                    | - |
| WLP-70     | 19111097  | X  |                      | - |
| WLP-70 RC  | 19111098  | X  | X                    | - |
| WLP-130    | 19111099  | X  |                      | - |
| WLP-130 RC | 19111100  | X  | X                    | - |

## Accessories

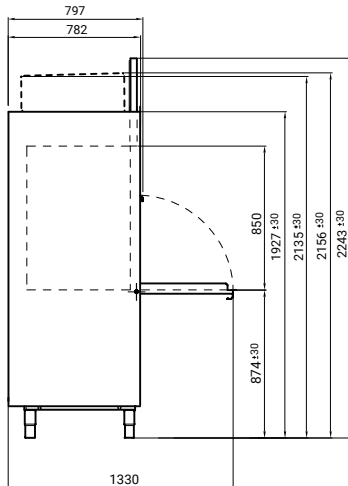
| CODE                     | DESCRIPTION                           | DIMENSIONS (MM) | € |
|--------------------------|---------------------------------------|-----------------|---|
| <b>Baskets</b>           |                                       |                 |   |
| 19023165                 | Basket for WLP-61                     | 500x600         | - |
| 19010251                 | Basket for WLP-62 and WLP-63          | 560x630         | - |
| 19010252                 | Basket for WLP-70                     | 700x700         | - |
| 19011085                 | Basket for WLP-130                    | 1.320x700       | - |
| <b>Other accessories</b> |                                       |                 |   |
| 19010253                 | Pastry bag holder                     | Ø 17            | - |
| 19010254                 | Frame for 8 shelves, max. depth: 40mm | 500x500         | - |
| 19010255                 | Container for utensils                | 150x150         | - |



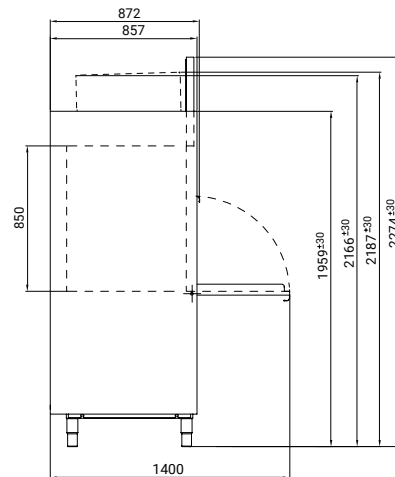
WLP-61



WLP-62 (RC)



WLP-63 (RC)



WLP-70 (RC) / WLP-130 (RC)



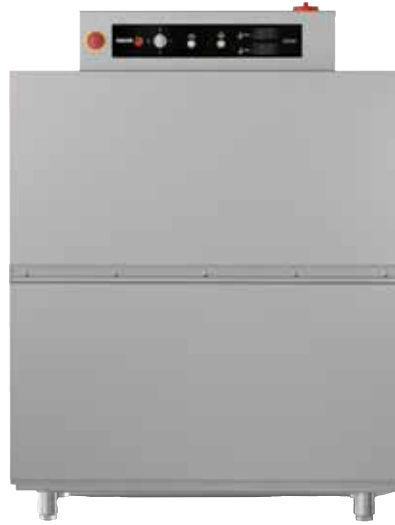
Robust and reliable machines, with an increased output capacity.

# Rack conveyor

|                          |            |
|--------------------------|------------|
| Compact dishwashers..... | <b>215</b> |
| Modular dishwashers..... | <b>220</b> |
| Accessories.....         | <b>226</b> |

CONCEPT

# Rack conveyor | Compact dishwashers



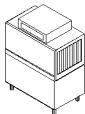
## General characteristics

- 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.
- High-power washing system with 4 upper and 4 lower washing branches.
- 3 washing programs: deep, medium and high-capacity.
- Double effect rinse.
- 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).
- Energy saving system in the wash: the wash does not start up until it detects the passage of the basket.
- Rinse saving system. The rinse stops when the basket has left, saving water and energy.
- Limit switch included.

**Equipment included:**

- 2 base baskets, CT-10
- 2 baskets for plates, CP-16/18
- 1 basket for glasses, CV-16/105
- 1 basket for cutlery, CT-10 R

| MODEL        | HZ | CODE     | ENTRANCE (*) | WATER SUPPLY | PROGRAMS (BASKETS/H) |        |               | INTERNAL ZONES (**) | WATER CONSUMPTION (L/H) | ELECTRICAL POWER (kW) | DIMENSIONS (mm)     | € |
|--------------|----|----------|--------------|--------------|----------------------|--------|---------------|---------------------|-------------------------|-----------------------|---------------------|---|
|              |    |          |              |              | DEEP                 | MEDIUM | HIGH-CAPACITY |                     |                         |                       |                     |   |
| CCO-120-L-HW | 50 | 19048203 | L            | >50°         | 80                   | 100    | 120           |                     | 210                     | 19.45                 | 1,180 x 790 x 1,550 | - |
|              | 60 | 19048571 |              |              |                      |        |               |                     |                         |                       |                     |   |
| CCO-120-R-HW | 50 | 19048204 | R            | >50°         | 80                   | 100    | 120           | LP + A              | 210                     | 19.45                 | 1,180 x 790 x 1,550 | - |
|              | 60 | 19048573 |              |              |                      |        |               |                     |                         |                       |                     |   |
| CCO-120-L-CW | 50 | 19045325 | L            | <50°         | 80                   | 100    | 120           |                     | 210                     | 28.45                 | 1,180 x 790 x 1,550 | - |
|              | 60 | 19048217 |              |              |                      |        |               |                     |                         |                       |                     |   |
| CCO-120-R-CW | 50 | 19046527 | R            | <50°         | 80                   | 100    | 120           | LP + A              | 210                     | 28.45                 | 1,180 x 790 x 1,550 | - |
|              | 60 | 19047158 |              |              |                      |        |               |                     |                         |                       |                     |   |



(\*) Entry of baskets.  
L: Entrance from the Left of the machine.  
R: Entrance from the Right of the machine.

(\*\*): Internal zones  
■ LP: Main wash.  
■ A: Double effect rinse.

## CONCEPT

# Rack conveyor | Compact dishwashers



## General characteristics

- 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 dismantable 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.
- High-power washing system with 4 upper and 4 lower washing branches.
- 3 washing programs: deep, medium and high-capacity.

- Double effect rinse.
- 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).
- Energy saving system in the wash: the wash does not start up until it detects the passage of the basket.
- Rinse saving system. The rinse stops when the basket has left, saving water and energy.
- Limit switch included.

### Equipment included:

- 2 base baskets, CT-10
- 2 baskets for plates, CP-16/18
- 1 basket for glasses, CV-16/105
- 1 basket for cutlery, CT-10 R

| MODEL        | HZ | CODE     | ENTRANCE<br>(*) | WATER<br>SUPPLY | PROGRAMS (BASKETS/H) |        |               | INTERNAL<br>ZONES<br>(**) | WATER<br>CONSUMPTION<br>(L/H) | ELECTRICAL<br>POWER<br>(kW) | DIMENSIONS<br>(mm)  | € |
|--------------|----|----------|-----------------|-----------------|----------------------|--------|---------------|---------------------------|-------------------------------|-----------------------------|---------------------|---|
|              |    |          |                 |                 | DEEP                 | MEDIUM | HIGH-CAPACITY |                           |                               |                             |                     |   |
| CCO-160-L-HW | 50 | 19048233 | L               | >50°            | 100                  | 130    | 160           |                           | 240                           | 22,45                       | 1.180 x 790 x 1.550 | - |
|              | 60 | 19048576 |                 |                 |                      |        |               |                           |                               |                             |                     |   |
| CCO-160-R-HW | 50 | 19048255 | R               | >50°            | 100                  | 130    | 160           | LP + A                    | 240                           | 22,45                       | 1.180 x 790 x 1.550 | - |
|              | 60 | 19048579 |                 |                 |                      |        |               |                           |                               |                             |                     |   |
| CCO-160-L-CW | 50 | 19048231 | L               | <50°            | 100                  | 130    | 160           |                           | 240                           | 31,45                       | 1.180 x 790 x 1.550 | - |
|              | 60 | 19048575 |                 |                 |                      |        |               |                           |                               |                             |                     |   |
| CCO-160-R-CW | 50 | 19048254 | R               | <50°            | 100                  | 130    | 160           | LP + A                    | 240                           | 31,45                       | 1.180 x 790 x 1.550 | - |
|              | 60 | 19048578 |                 |                 |                      |        |               |                           |                               |                             |                     |   |

(\*): Entry of baskets.  
L: Entrance from the Left of the machine.  
R: Entrance from the Right of the machine.

(\*\*): Internal zones  

 LP: Main wash.  
 A: Double effect rinse.

CONCEPT

# Rack conveyor | Compact dishwashers "eco" version - gas heated

CCO-160-L-ECO + AS-260 + GWB-40



## General characteristics

- The ECO version conveyor dishwashers are fitted with an external hot water generator, gas heated, model GWB-40 (#).
- The generator replaces the electric rinse boiler in the dishwasher, bringing a significant saving in electricity consumption.
- Given the heating power of the generator, the dishwasher can be installed in facilities with a cold water connection.
- The dishwasher has a motor pump to send the water from the generator to the rinse jets.
- The dishwasher incorporates a flow regulator to ensure constant water consumption.
- The first filling of the dishwasher wash tank takes place with water from the generator, rapidly reaching the set temperature.

| MODEL | HZ. | CODE (#) | ENTRANCE WATER (*) SUPPLY | PROGRAMS (BASKETS/H) |        |               | INTERNAL ZONES (**) | WATER CONSUMPTION (L/H) | ELECTRICAL POWER (kW) | GAS POWER (kW) | DIMENSIONS (mm)     | € |
|-------|-----|----------|---------------------------|----------------------|--------|---------------|---------------------|-------------------------|-----------------------|----------------|---------------------|---|
|       |     |          |                           | DEEP                 | MEDIUM | HIGH-CAPACITY |                     |                         |                       |                |                     |   |
|       | 50  | 19046991 | L                         | <50°                 | 80     | 100           |                     | 210                     | 10,7                  | 35             | 1.180 x 790 x 1.550 | - |
|       | 60  | 19048572 |                           |                      |        |               |                     |                         |                       |                |                     |   |
|       | 50  | 19046990 | R                         | <50°                 | 80     | 100           |                     | 210                     | 10,7                  | 35             | 1.180 x 790 x 1.550 | - |
|       | 60  | 19048574 |                           |                      |        |               |                     |                         |                       |                |                     |   |
|       | 50  | 19048253 | L                         | <50°                 | 100    | 130           |                     | 240                     | 10,7                  | 35             | 1.180 x 790 x 1.550 | - |
|       | 60  | 19048577 |                           |                      |        |               |                     |                         |                       |                |                     |   |
|       | 50  | 19048256 | R                         | <50°                 | 100    | 130           |                     | 240                     | 10,7                  | 35             | 1.180 x 790 x 1.550 | - |
|       | 60  | 19048580 |                           |                      |        |               |                     |                         |                       |                |                     |   |

(#) Note:  
The generator is already included in the price of the dishwasher. When ordering, the GWB-40 generator code must be added to the machine code.

(\*) Entrance of baskets.  
L: Entrance from the Left of the machine.  
R: Entrance from the Right of the machine.

(\*\*): Internal zones  
 LP: Main wash.  
 A-ECO: Double effect rinse.

## Gas hot water generator GWB-40

| MODEL | HZ.    | GAS | CODE     | DESCRIPTION  | POWER (kW) | DIMENSIONES (mm) | € |
|-------|--------|-----|----------|--|------------|------------------|---|
|       | GWB-40 | LPG | 19011596 | GAS HOT WATER GENERATOR                                  | 35         | 432x548x770      | - |
|       |        | GN  | 19038585 | Forced draught burner and double safety valve.           |            |                  |   |
|       |        | LPG | 19044808 | Electronic control of temperature and water levels.      |            |                  |   |
|       |        | GN  | 19044809 | Automatic limescale removal.<br>Automatic tank emptying. |            |                  |   |



# Complementary modules for compact rack conveyor dishwashers

AS-260



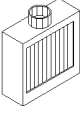
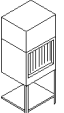
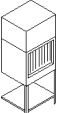
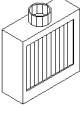
CRS-600



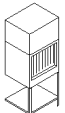

CDT-600



## Factory assembly options on request

| MODEL   | HZ      | CODE  | DESCRIPTION | POWER (KW)   | DIMENSIONS (mm) | €             |   |
|---|---------|-------|-------------|--|-----------------|---------------|---|
| OPTION AT THE ENTRANCE TO SELECT FROM   |         |       |             |  |                 |               |   |
|    | AS-260  | -     | 19048568    | ANTI-SPLASH GUARD SUPPLEMENT (ENTER)<br>With fitting for connection of fume extractor.<br>With separator curtains.<br>Includes extra anti-entrapment protection element.<br>Fitted as standard at the entrance of modular dishwashers.<br>This item cannot be installed on dishwashers fitted with energy recovery (CRS)   | -               | L = 260 mm    | - |
|  | CRS-600 | 50/60 | 19048639    | CONVEYOR RECOVERY SYSTEM:<br>Recommended for models with cold water input (CW)<br>Aspires the steam generated inside the tunnel and sends the condensed water to the tank of the machine, increasing the water temperature from 15/18 °C to 35/40 °C .<br>Allows savings of up to 3 kW-h.<br>Recommended for models with cold water input (CW) with temperatures no higher than 25 °C. It is not appropriate for installation in machines with hot water input, nor in ECO models with rinse water heating in the GWB-40 generator. Module with conveyance system included. With separator curtains. Bottom shelf. This item cannot be installed on dishwashers fitted with anti-splash guard supplement at the entrance (AS-260). | 0,75            | 600x790x1.930 | - |
| OPTION AT THE EXIT TO SELECT FROM   |         |       |             |  |                 |               |   |
|  | CDT-600 | 50/60 | 19046516    | DRYING TUNNEL :<br>Supplementary element with 9 kW heating element box and upper fan for drying of the dishes with 0,55 kW motor. Module with conveyance system included, for placement at the end of the machine. With separator curtains. Bottom shelf. This item cannot be installed on dishwashers fitted with anti-splash guard supplement at the exit (ASE-260). A maximum of one drier per machine can be installed.  | 9,55            | 600x790x1.930 | - |
|  | ASE-260 | -     | 19076633    | ANTI-SPLASH GUARD SUPPLEMENT (EXIT)<br>With fitting for connection of fume extractor.<br>With separator curtains.<br>Includes extra anti-entrapment protection element.<br>Optional on all compact or modular rack-type dishwashers.<br>This item cannot be installed on dishwashers fitted with CDT drying.   | -               | L = 260 mm    | - |

## Dissassembled accesories

| MODEL   | HZ                      | CODE  | DESCRIPTION | POWER (KW)  | DIMENSIONS (mm) | €             |   |
|---|-------------------------|-------|-------------|---|-----------------|---------------|---|
|  | KIT CDT-600<br>MODULE L | 50/60 | 19056095    | DRYING TUNNEL: Supplementary element with 9 kW heating element box and upper fan for drying of the dishes with 0,55 kW motor. Module with conveyance system included, for placement at the end of the machine. With separator curtains. | 9,55            | 600x790x1.930 | - |
|  | KIT CDT-600<br>MODULE R | 50/60 | 19086106    | Bottom shelf. A maximum of one drier per machine can be installed.  |                 |               |   |

## Transformations to other voltages

| VOLTAGE             | CHARACTERISTICS  | € |
|---------------------|--|---|
| 400- 440V 3~ (RC-C) | 400- 440V 3~ connection for ships in Compact rack type dishwashers | - |
| 220-240V 3~ (RC)    | 220-240V 3~ connection for rack type dishwashers                   | - |

# Packs for compact rack conveyor dishwashers



CCO-120 PACK L CW



|                   | COMPOSITION  |          | MODEL             | CODE 50HZ |
|-------------------|--------------|----------|-------------------|-----------|
|                   | Model        | Code (1) |                   |           |
| <b>Dishwasher</b> | CCO-120 L CW | 19045325 |                   |           |
| Anti-salp.        | AS-260       | 19048568 | CCO-120 PACK L CW | 19068300  |
| Drying tunnel     | CDT-600      | 19046516 |                   |           |
| <b>Dishwasher</b> | CCO-120 R CW | 19046527 |                   |           |
| Anti-salp.        | AS-260       | 19048568 | CCO-120 PACK R CW | 19068304  |
| Drying tunnel     | CDT-600      | 19046516 |                   |           |
| <b>Dishwasher</b> | CCO-160 L CW | 19048231 |                   |           |
| Anti-salp.        | AS-260       | 19048568 | CCO-160 PACK L CW | 19068305  |
| Drying tunnel     | CDT-600      | 19046516 |                   |           |
| <b>Dishwasher</b> | CCO-160 R CW | 19048254 |                   |           |
| Anti-salp.        | AS-260       | 19048568 | CCO-160 PACK R CW | 19068306  |
| Drying tunnel     | CDT-600      | 19046516 |                   |           |

| MODEL             | CODE (1) | ENTRANCE | HZ | PRODUCTION |           | WATER | POWER | DIMENSIONS      | € |
|-------------------|----------|----------|----|------------|-----------|-------|-------|-----------------|---|
|                   |          |          |    | Speed No.  | Baskets/h |       |       |                 |   |
| CCO-120 PACK L CW | 19068300 | L        | 50 | 3          | 120       | 210   | 38,00 | 2.040x790x1.930 | - |
| CCO-120 PACK R CW | 19068304 | R        | 50 | 3          | 120       | 210   | 38,00 | 2.040x790x1.930 | - |
| CCO-160 PACK L CW | 19068305 | L        | 50 | 3          | 160       | 240   | 41,00 | 2.040x790x1.930 | - |
| CCO-160 PACK R CW | 19068306 | R        | 50 | 3          | 160       | 240   | 41,00 | 2.040x790x1.930 | - |

(1): Machines not ready to assembly neither introducor of baskets in corner nor automatized curves for exit.

L: Entrance from the Left of the machine.

R: Entrance from the Right of the machine.

CONCEPT

# Rack conveyor | Modular dishwashers

CCO-180-L



## General characteristics

- 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, as standard.
- Open door blocking system.
- IPX4 protection system.
- System for detection of blockage of conveyor carriage and automatic reverse function.
- Prewash module with 3 upper and 3 lower washing branches.
- High-power washing system with 5 upper and 5 lower washing branches.
- 3 washing programs: intensive (DIN10534), medium and high-capacity.
- Pre-rinse and rinse, both double effect, in models 180, 225 and 270.
- Triple-effect pre-rinse and double-effect rinse in model 320.
- 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).
- Energy saving system in the wash: the wash does not start up until it detects the passage of the basket.
- Rinse saving system. The rinse stops which the basket has left, saving water and energy.
- Limit switch included.

**Equipment included:**

- 2 base baskets, CT-10
- 2 baskets for plates, CP-16/18
- 1 basket for glasses, CV-16/105
- 1 basket for cutlery, CT-10 R

| MODEL        | HZ | CODE     | ENTRANCE | WATER SUPPLY | PROGRAMS (BASKETS/H)  |        |               | MODULES COMPOSITION (**) | WATER CONSUMPTION (L/H) | ELECTRICAL POWER (KW) | DIMENSIONS (mm)     | € |
|--------------|----|----------|----------|--------------|-----------------------|--------|---------------|--------------------------|-------------------------|-----------------------|---------------------|---|
|              |    |          |          |              | INTENSIVE (DIN-10534) | MEDIUM | HIGH CAPACITY |                          |                         |                       |                     |   |
| CCO-180-L-HW | 50 | 19048582 | L        | >50°         | 90                    | 135    | 180           |                          | 210                     | 25,7                  | 1.750 x 790 x 1.550 | - |
|              | 60 | 19048583 |          |              |                       |        |               |                          |                         |                       |                     |   |
| CCO-180-R-HW | 50 | 19048587 | R        | >50°         | 90                    | 135    | 180           |                          | 210                     | 25,7                  | 1.750 x 790 x 1.550 | - |
|              | 60 | 19048588 |          |              |                       |        |               |                          |                         |                       |                     |   |
| CCO-180-L-CW | 50 | 19047209 | L        | <50°         | 90                    | 135    | 180           |                          | 210                     | 34,7                  | 1.750 x 790 x 1.550 | - |
|              | 60 | 19048581 |          |              |                       |        |               |                          |                         |                       |                     |   |
| CCO-180-R-CW | 50 | 19047164 | R        | <50°         | 90                    | 135    | 180           |                          | 210                     | 34,7                  | 1.750 x 790 x 1.550 | - |
|              | 60 | 19051473 |          |              |                       |        |               |                          |                         |                       |                     |   |
| CCO-225-L-HW | 50 | 19048595 | L        | >50°         | 125                   | 175    | 225           |                          | 210                     | 35,9                  | 2.360 x 790 x 1.550 | - |
|              | 60 | 19048596 |          |              |                       |        |               |                          |                         |                       |                     |   |
| CCO-225-R-HW | 50 | 19048212 | R        | >50°         | 125                   | 175    | 225           |                          | 210                     | 35,9                  | 2.360 x 790 x 1.550 | - |
|              | 60 | 19048600 |          |              |                       |        |               |                          |                         |                       |                     |   |
| CCO-225-L-CW | 50 | 19048119 | L        | <50°         | 125                   | 175    | 225           |                          | 210                     | 44,9                  | 2.360 x 790 x 1.550 | - |
|              | 60 | 19048594 |          |              |                       |        |               |                          |                         |                       |                     |   |
| CCO-225-R-CW | 50 | 19048120 | R        | <50°         | 125                   | 175    | 225           |                          | 210                     | 44,9                  | 2.360 x 790 x 1.550 | - |
|              | 60 | 19048599 |          |              |                       |        |               |                          |                         |                       |                     |   |

(\*) Entry of baskets:

L: Entrance from the Left of the machine.

R: Entrance from the Right of the machine.

(\*\*) COMPOSITION OF MODULES

The diagrams and composition indicated always refer to the left-entry version.

AS-260: Anti-splash guard supplement

PL3: Cold water prewash

PL5: First Wash with cold water

L5: First wash with hot water

LP: Main wash

DA: Double-effect rinse and pre-rinse

TA: Double-effect rinse and triple-effect pre-rinse

CONCEPT

# Rack conveyor | Modular dishwashers

CCO-320-L



## General Characteristics

- 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 dismantlable 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, as standard.
- Open door blocking system.
- IPX4 protection system.
- System for detection of blockage of conveyor carriage and automatic reverse function.
- Prewash module with 3 upper and 3 lower washing branches.
- High-power washing system with 5 upper and 5 lower washing branches.
- 3 washing programs: intensive (DIN10534), medium and high-capacity.
- Pre-rinse and rinse, both double effect, in models 180, 225 and 270.
- Triple-effect pre-rinse and double-effect rinse in model 320.
- 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).
- Energy saving system in the wash: the wash does not start up until it detects the passage of the basket.
- Rinse saving system. The rinse stops which the basket has left, saving water and energy.
- Limit switch included.

**Equipment included:**

- 2 base baskets, CT-10
- 2 baskets for plates, CP-16/18,
- 1 basket for glasses, CV-16/105,
- 1 basket for cutlery, CT-10 R

| MODEL        | HZ | CODE     | ENTRANCE (*) | PROGRAMS (BASKETS/H) |                       |        | MODULES COMPOSITION (**) | WATER CONSUMPTION (L/H) | ELECTRICAL POWER (KW) | DIMENSIONS (mm)     | € |
|--------------|----|----------|--------------|----------------------|-----------------------|--------|--------------------------|-------------------------|-----------------------|---------------------|---|
|              |    |          |              | SUPPLY               | INTENSIVE (DIN-10534) | MEDIUM |                          |                         |                       |                     |   |
| CCO-270-L-HW | 50 | 19048608 | L            | >50°                 | 140                   | 205    | AS-260 + PL5+LP +DA      | 240                     | 39,9                  | 2.660 x 790 x 1.550 | - |
|              | 60 | 19048609 | R            |                      |                       |        |                          |                         |                       |                     |   |
| CCO-270-R-HW | 50 | 19048614 | R            | <50°                 | 140                   | 205    | AS-260 + PL5+LP +DA      | 240                     | 48,9                  | 2.660 x 790 x 1.550 | - |
|              | 60 | 19048615 | L            |                      |                       |        |                          |                         |                       |                     |   |
| CCO-270-L-CW | 50 | 19048606 | L            | <50°                 | 140                   | 205    | AS-260 + PL3+L5+LP +DA   | 240                     | 48,9                  | 2.660 x 790 x 1.550 | - |
|              | 60 | 19048607 | R            |                      |                       |        |                          |                         |                       |                     |   |
| CCO-270-R-CW | 50 | 19048612 | R            | <50°                 | 140                   | 205    | AS-260 + PL3+L5+LP +DA   | 240                     | 48,9                  | 2.660 x 790 x 1.550 | - |
|              | 60 | 19048613 | L            |                      |                       |        |                          |                         |                       |                     |   |
| CCO-320-L-HW | 50 | 19048621 | L            | >50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA    | 240                     | 47,1                  | 3.260 x 790 x 1.550 | - |
|              | 60 | 19048622 | R            |                      |                       |        |                          |                         |                       |                     |   |
| CCO-320-R-HW | 50 | 19048630 | R            | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA    | 240                     | 56,1                  | 3.260 x 790 x 1.550 | - |
|              | 60 | 19048631 | L            |                      |                       |        |                          |                         |                       |                     |   |
| CCO-320-L-CW | 50 | 19048618 | L            | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA    | 240                     | 56,1                  | 3.260 x 790 x 1.550 | - |
|              | 60 | 19048620 | R            |                      |                       |        |                          |                         |                       |                     |   |
| CCO-320-R-CW | 50 | 19048627 | R            | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA    | 240                     | 56,1                  | 3.260 x 790 x 1.550 | - |
|              | 60 | 19048628 | L            |                      |                       |        |                          |                         |                       |                     |   |

(\*) Entry of baskets:

- L: Entrance from the Left of the machine.
- R: Entrance from the Right of the machine.

(\*\*) Composition of modules

The diagrams and composition indicated always refer to the left-entry version.

- AS-260: Anti-splash guard supplement
- PL3: Cold water prewash
- PL5: First Wash with cold water
- L5: First wash with hot water
- LP: Main wash
- DA: Double-effect pre-rinse and rinse
- TA: Triple-effect pre-rinse and double-effect rinse

CONCEPT

# Rack conveyor | Modular dishwashers "ECO" version - gas heated

CCO-225-L-ECO + GWB-40



## Specific characteristics

- The ECO version conveyor dishwashers are fitted with an external hot water generator, gas heated, model GWB-40 (#).
- The generator replaces the electric rinse boiler in the dishwasher, bringing a significant saving in electricity consumption.
- Given the heating power of the generator, the dishwasher is for installation in facilities with a cold water connection.
- The dishwasher has a motor pump to send the water from the generator to the rinse jets.
- The dishwasher incorporates a flow regulator to ensure constant water consumption.
- The first filling of the dishwasher wash tank takes place with water both from the generator and from the filling electrovalve.

| MODEL         | HZ       | CODE     | ENTRANCE WATER (*) | PROGRAMS (BASKETS/H) |                       |        | MODULES COMPOSITION (**)           | WATER CONSUMPTION (L/H) | ELECTRICAL POWER (KW) | GAS POWER (KW) | DIMENSIONS (mm)     | € |
|---------------|----------|----------|--------------------|----------------------|-----------------------|--------|------------------------------------|-------------------------|-----------------------|----------------|---------------------|---|
|               |          |          |                    | SUPPLY               | INTENSIVE (DIN-10534) | MEDIUM |                                    |                         |                       |                |                     |   |
| CCO-180-L-ECO | 50       | 19048584 | L                  | <50°                 | 90                    | 135    | AS-260 + LP + DA-ECO   GWB-40      | 210                     | 19,7                  | 35             | 1.750 x 790 x 1.550 | - |
| 60            | 19048586 | R        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |
| CCO-180-R-ECO | 50       | 19048591 | R                  | <50°                 | 125                   | 175    | AS-260+PL3+LP+DA-ECO   GWB-40      | 210                     | 20,9                  | 35             | 2.360 x 790 x 1.550 | - |
| 60            | 19048593 | L        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |
| CCO-225-L-ECO | 50       | 19048597 | L                  | <50°                 | 140                   | 205    | AS-260 + PL5+LP+DA-ECO   GWB-40    | 240                     | 21,9                  | 35             | 2.660 x 790 x 1.550 | - |
| 60            | 19048598 | R        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |
| CCO-225-R-ECO | 50       | 19048602 | R                  | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA-ECO   GWB-40 | 240                     | 29,1                  | 35             | 3.260 x 790 x 1.550 | - |
| 60            | 19048603 | L        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |
| CCO-270-L-ECO | 50       | 19048610 | L                  | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA-ECO   GWB-40 | 240                     | 29,1                  | 35             | 3.260 x 790 x 1.550 | - |
| 60            | 19048611 | R        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |
| CCO-270-R-ECO | 50       | 19048616 | R                  | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA-ECO   GWB-40 | 240                     | 29,1                  | 35             | 3.260 x 790 x 1.550 | - |
| 60            | 19048617 | L        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |
| CCO-320-L-ECO | 50       | 19048624 | L                  | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA-ECO   GWB-40 | 240                     | 29,1                  | 35             | 3.260 x 790 x 1.550 | - |
| 60            | 19048626 | R        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |
| CCO-320-R-ECO | 50       | 19048633 | R                  | <50°                 | 170                   | 245    | AS-260 + PL3+L5+LP+TA-ECO   GWB-40 | 240                     | 29,1                  | 35             | 3.260 x 790 x 1.550 | - |
| 60            | 19048636 | L        |                    |                      |                       |        |                                    |                         |                       |                |                     |   |

(#) Note on codes

The generator is already included in the price of the dishwasher. When ordering, the GWB-40 generator code must be added to the machine code.

(\*) Entry of baskets:

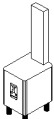
L: Entrance from the Left of the machine.  
R: Entrance from the Right of the machine.

(\*\*) COMPOSITION OF MODULES

The diagrams and composition indicated always refer to the left-entry version.

- AS-260: Anti-splash guard supplement
- PL3: Cold water prewash
- PL5: First Wash with cold water
- L5: First wash with hot water
- LP: Main wash
- DA: Double-effect rinse and pre-rinse
- TA: Double-effect rinse and triple-effect pre-rinse

## Gas hot water generator GWB-40

| MODEL   | HZ | GAS | CODE     | DESCRIPTION  | POWER (KW) | DIMENSIONES (mm) | € |
|---|----|-----|----------|--|------------|------------------|---|
| <br>GWB-40 | 50 | LPG | 19011596 | GAS HOT WATER GENERATOR<br>Forced draught burner and double safety valve.<br>Electronic control of temperature and water levels.<br>Automatic limescale removal.<br>Automatic tank emptying. | 35         | 432x548x770      | - |
|   |    | GN  | 19038585 |  |            |                  |   |
|   | 60 | LPG | 19044808 |  |            |                  |   |
|   |    | GN  | 19044809 |  |            |                  |   |

# Complementary modules for modular rack conveyor dishwashers

CRS-700 L



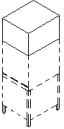
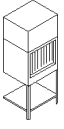
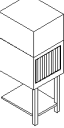

CDT-600



ASE-260

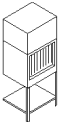

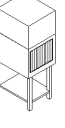



## Factory assembly options on request

| MODEL   | HZ      | CODE     | DESCRIPTION   | POWER (kW) | DIMENSIONS (mm) | € |
|---|---------|----------|---|------------|-----------------|---|
| <b>OPTION AT THE ENTRANCE</b>   |         |          |   |            |                 |   |
|    | (*)     |          | <b>UPPER ENERGY RECOVERY</b><br>Recommended for dishwashers with cold water inlet (CW) with temperatures not exceeding 25 °C. It aspirates the steam generated inside the tunnel and sends the condensed water to the tanks of the machine, increasing the water temperature from 15/18 °C to 35/40 °C. Save up to 3 kW-h. Fitted into the top of the dishwasher. Does not increase length. Its installation does not proceed in machines with hot water inlet, nor in ECO models with rinse water heating in the GWB-40 generator. | 0,55       | 600x790x500     | - |
| CRS-700-L   | 50/60   | 19056031 |   |            |                 |   |
| CRS-700-R   |         | 19048641 |   |            |                 |   |
| <b>OPTION AT THE EXIT TO SELECT FROM</b>  |         |          |   |            |                 |   |
|  | CDT-600 | 50/60    | 19046516  | 9,55       | 600x790x1.930   | - |
|   |         |          | <b>SHORT DRYING TUNNEL FOR MODELS 180 AND 225</b><br>Supplementary element with 9 kW heating element box and upper fan for drying of the dishes with 0.55 kW motor. Module with conveyance system included, for placement at the end of the machine. With separator curtains. Bottom shelf. This element cannot be installed in a dishwasher equipped with exist anti-splash guard supplement (ASE-260). A maximum of one drier per machine can be installed.   |            |                 |   |
|  | CDT-800 | 50/60    | 19047215  | 14,6       | 800x790x1.930   | - |
|   |         |          | <b>LONG DRYING TUNNEL FOR MODELS 270 AND 320</b><br>Supplementary element with 13,5 kW heating element box and upper fan for drying of the dishes with 1,1 kW motor. Module with conveyance system included, for placement at the end of the machine. With separator curtains. Bottom shelf. A maximum of one drier per machine can be installed. This element cannot be installed in a dishwasher equipped with exist anti-splash guard supplement (ASE-260).  |            |                 |   |
|  | ASE-260 | -        | 19076633  | -          | L = 260 mm      | - |
|   |         |          | <b>ANTI-SPLASH GUARD SUPPLEMENT (EXIT)</b><br>With fitting for connection of fume extractor.<br>With separator curtains.<br>Includes extra anti-entrapment protection element.<br>Optional on all compact or modular rack-type dishwashers. This item cannot be installed on dishwashers fitted with CDT drying.  |            |                 |   |

(\*) Entry of baskets: L: Entrance from the Left of the machine. R: Entrance from the Right of the machine.

## Dissassembled accesories

| MODEL   | HZ                      | CODE  | DESCRIPTION   | POWER (kW) | DIMENSIONS (mm) | € |
|---|-------------------------|-------|---|------------|-----------------|---|
|  | KIT CDT-600<br>MODULE L | 50/60 | 19056095  | 9,55       | 600x790x1.930   | - |
|   |                         |       | <b>SHORT DRYING TUNNEL FOR MODELS 180 AND 225</b><br>Supplementary element with 9 kW heating element box and upper fan for drying of the dishes with 0.55 kW motor. Module with conveyance system included, for placement at the end of the machine. With separator curtains. Bottom shelf. This element cannot be installed in a dishwasher equipped with exist anti-splash guard supplement (ASE-260). A maximum of one drier per machine can be installed.   |            |                 |   |
|  | KIT CDT-600<br>MODULE R | 50/60 | 19086106  |            |                 |   |
|  | KIT CDT-800<br>MODULE L | 50/60 | 19056098  | 14,6       | 800x790x1.930   | - |
|   |                         |       | <b>LONG DRYING TUNNEL FOR MODELS 270 AND 320:</b><br>Supplementary element with 13,5 kW heating element box and upper fan for drying of the dishes with 1,1 kW motor. Module with conveyance system included, for placement at the end of the machine. With separator curtains. Bottom shelf. This element cannot be installed in a dishwasher equipped with exist anti-splash guard supplement (ASE-260). A maximum of one drier per machine can be installed. |            |                 |   |
|  | KIT CDT-800<br>MODULE R | 50/60 | 19086108  |            |                 |   |

## Transformations to other voltages

| VOLTAGE             | CHARACTERISTICS  | € |
|---------------------|--|---|
| 400- 440V 3~ (RC-M) | 400- 440V 3~ connection for ships in Modular rack type dishwashers | - |
| 220-240V 3~ (RC)    | 220-240V 3~ connection for rack type dishwashers                   | - |



## Overview of the characteristics of the different modules

Table of modules that can form part of the composition of modular traction units.

The composition of the different models is shown on the previous pages.

| MÓDULO   |             | COMPACT |         | MODULAR |         |         |         |
|--|-------------|---------|---------|---------|---------|---------|---------|
|  |             | CCO-120 | CCO-160 | CCO-180 | CCO-225 | CCO-270 | CCO-320 |
| Supplementary Anti-splash + anti-entrapment protection at the entrance | AS-260      | •       | •       | •       | •       | •       | •       |
| Prewash  | PL3         | -       | -       | -       | •       | -       | •       |
| Intense prewash  | PL5         | -       | -       | -       | -       | •       | -       |
| First wash   | L5          | -       | -       | -       | -       | -       | •       |
| Main wash  | LP          | •       | •       | •       | •       | •       | •       |
| Double effect rinse  | A           | •       | •       | -       | -       | -       | -       |
| Double effect ECO rinse  | A-ECO       | •       | •       | -       | -       | -       | -       |
| Double effect pre-rinse + Double effect rinse                          | DA          | -       | -       | •       | •       | •       | -       |
| Double effect pre-rinse + Double effect ECO rinse                      | DA-ECO      | -       | -       | •       | •       | •       | -       |
| Triple effect pre-rinse + Double effect rinse                          | TA          | -       | -       | -       | -       | -       | •       |
| Triple effect pre-rinse + Double effect ECO rinse                      | DA / TA-ECO | -       | -       | -       | -       | -       | •       |
| Drying Module 600  | CDT-600     | •       | •       | •       | •       | -       | -       |
| Drying Module 800  | CDT-800     | -       | -       | -       | -       | •       | •       |
| Energy recycler for compact models                                     | CRS-600     | •       | •       | -       | -       | -       | -       |
| Energy recycler for modular dishwashers                                | CRS-700     | -       | -       | •       | •       | •       | •       |
| Supplementary anti-splash guard at the exit                            | ASE-260     | •       | •       | •       | •       | •       | •       |

•: Standard •: Optional

All the modular machines come with an anti-splash module AS-260 at the entrance as standard, 260 mm in length. An exterior extractor can be fitted to this module. Optionally, you can also request it as a supplement to fit to the exit of the machine.

The CDT drying tunnels are fitted to the exit of the machine, increasing the total length by 600 or 800 mm (depending on the model of drying tunnel installed). For models 270 and 320, the long CDT-800 drying tunnel is to be installed.

The CRS-700 energy recycler is to be placed on top of the modular dishwashers, and the total length is not increased. Recommended for models with cold water input (CW) with temperatures no higher than 25 °C. It is not appropriate for installation in machines with hot water input, nor in ECO models with rinse water heating in the GWB-40 generator.

The mission of this accessory is to collect the steam from the inside of the dishwasher, and, after a process of condensation, send this water (which is at high temperature) to the rinse system. This raises the average temperature in the rinse system, which therefore requires a lower supply of electrical energy, contributing to notable savings in energy and costs (around 3 kW-h).

## Summary table of characteristics for conveyor dishwashers

|                                | CCO-120                 | CCO-160     | CCO-180     | CCO-225     | CCO-270     | CCO-320     |
|--------------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|
| Speeds                         | 3                       | 3           | 3           | 3           | 3           | 3           |
| Production (baskets/h)         |                         |             |             |             |             |             |
| Deep wash program              | 80                      | 100         | -           | -           | -           | -           |
| Intensive program (DIN-10534)  | -                       | -           | 90          | 125         | 140         | 170         |
| Medium program                 | 100                     | 130         | 135         | 175         | 225         | 245         |
| High-capacity program          | 120                     | 160         | 180         | 225         | 270         | 320         |
| PREWASH PL3,PL5                |                         |             |             |             |             |             |
| Tank capacity (l)              | -                       | -           | -           | 60          | 100         | 60          |
| Pump power (kW)                | -                       | -           | -           | 1,2         | 2,2         | 1,2         |
| WASH L5, LP                    |                         |             |             |             |             |             |
| Tank capacity (l)              | 50                      | 50          | 100         | 100         | 100         | 200         |
| Temperature (°C)               | 55-65                   | 55-65       | 55-65       | 55-65       | 55-65       | 55-65       |
| Heating power (kW)             | 9                       | 9           | 12          | 12          | 12          | 18          |
| Pump power (kW)                | 1,2                     | 1,2         | 2,2         | 2,2         | 2,2         | 4,4         |
| PRE-RINSE DA, TA               |                         |             |             |             |             |             |
| Tank capacity (l)              | -                       | -           | 15          | 15          | 15          | 15          |
| Temperature (°C)               | -                       | -           | 70          | 70          | 70          | 70          |
| Heating power (kW)             | -                       | -           | 5           | 5           | 5           | 5           |
| Pump power (kW)                | -                       | -           | 0,26        | 0,26        | 0,26        | 0,26        |
| RINSE                          |                         |             |             |             |             |             |
| Boiler volume (l)              | 21                      | 21          | 21          | 21          | 21          | 21          |
| Temperature (°C)               | 80-85                   | 80-85       | 80-85       | 80-85       | 80-85       | 80-85       |
| Heating power (kW)             |                         |             |             |             |             |             |
| CW                             | 27                      | 30          | 27          | 24          | 27          | 27          |
| CW with recycler               | 24                      | 27          | 24          | 21          | 24          | 24          |
| HW                             | 18                      | 21          | 18          | 15          | 18          | 18          |
| ECO                            | -                       | -           | -           | -           | -           | -           |
| ECO rinse pump power (kW)      | 0,26                    | 0,26        | 0,26        | 0,26        | 0,26        | 0,26        |
| Water consumption *1           |                         |             |             |             |             |             |
| (l/h)                          | 210                     | 240         | 210         | 210         | 240         | 240         |
| (l/basket)                     | 1,75                    | 1,5         | 1,17        | 0,93        | 0,89        | 0,75        |
| STANDARD CONNECTION            |                         |             |             |             |             |             |
| Type of connection (default)   | ALT.                    | ALT.        | ALT.        | SIM.        | SIM.        | SIM.        |
| Voltage *2                     | 400 V /3N ~ / 50 - 60Hz |             |             |             |             |             |
| Total power (kW)               |                         |             |             |             |             |             |
| CW                             | 28,5                    | 31,5        | 34,7        | 44,9        | 48,9        | 56,1        |
| CW with recycler               | 26,2                    | 29,2        | 32,3        | 42,5        | 46,5        | 53,7        |
| HW                             | 19,5                    | 22,5        | 25,7        | 35,9        | 39,9        | 47,1        |
| ECO                            | 10,7                    | 10,7        | 19,7        | 20,9        | 21,9        | 29,1        |
| ECO gas booster (gas kW)       | 35                      | 35          | 35          | 35          | 35          | 35          |
| WIDTH (mm)                     |                         |             |             |             |             |             |
| Standard                       | 1.180                   | 1.180       | 1.750       | 2.360       | 2.660       | 3.260       |
| With drying module             | 1.780                   | 1.780       | 2.360       | 2.360       | 3.460       | 4.060       |
| Depth (mm)                     | 790                     | 790         | 790         | 790         | 790         | 790         |
| HEIGHT (mm) *3                 |                         |             |             |             |             |             |
| Standard                       | 1.550-1.610             | 1.550-1.610 | 1.550-1.610 | 1.550-1.610 | 1.550-1.610 | 1.550-1.610 |
| With drying                    | 1.860-1.920             | 1.860-1.920 | 1.860-1.920 | 1.860-1.920 | 1.860-1.920 | 1.860-1.920 |
| With recycler                  | 1.960-2.020             | 1.960-2.020 | 1.960-2.020 | 1.960-2.020 | 1.960-2.020 | 1.960-2.020 |
| With open door blocking system | 1.870-1.930             | 1.870-1.930 | 1.870-1.930 | 1.870-1.930 | 1.870-1.930 | 1.870-1.930 |
| Operating height (mm)          | 850-900                 | 850-900     | 850-900     | 850-900     | 850-900     | 850-900     |
| Useful entrance height (mm)    | 390                     | 390         | 390         | 390         | 390         | 390         |
| Passage width (mm)             | 510                     | 510         | 510         | 510         | 510         | 510         |
| WEIGHT (KG)                    |                         |             |             |             |             |             |
| Net                            | 211                     | 211         | 259         | 381         | 434         | 556         |
| Gross                          | 305                     | 305         | 382         | 556         | 628         | 792         |
| WATER CONNECTION               |                         |             |             |             |             |             |
| Operating pressure             | 2 - 4 bars              |             |             |             |             |             |
| Type of connection             | 3/4" GAS                |             |             |             |             |             |
| T <sup>a</sup> of hot water    | 50 °C - 60 °C           |             |             |             |             |             |
| T <sup>a</sup> of cold water   | 15 °C - 50 °C           |             |             |             |             |             |

\*1- Non-binding information Consumption might vary depending on the characteristics of the facility

\*2- Standard voltage: 400 V 3+N - For other voltages and options, please consult Fagor Professional

\*3- The adjustable feet allow for height adjustment, raising the machine by up to 60 mm



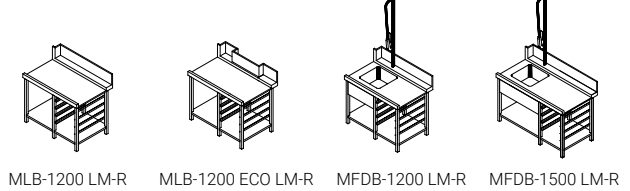
# Pre-rinsing tables

MFDB-1200 LM-R



## General characteristics

- Manufactured for the compact and modular conveyor dishwashers.



| MODEL             | CODE     | ENTRY (*) | EQUIPMENT FEATURES   | DIMENSIONS (mm) | € |
|-------------------|----------|-----------|--|-----------------|---|
| MLB-1200 LM-R     | 19006097 | R         | - Rear guard<br>- Lower rack<br>- Guides for baskets                           | 1.200x800x900   | - |
| MLB-1200 LM-L     | 19006096 | L         |  |                 |   |
| MLB-1200 ECO/LM-R | 19006099 | R         | - Rear guard<br>- Lower rack<br>- Guides for baskets                           | 1.200x800x900   | - |
| MLB-1200 ECO/LM-L | 19006098 | L         | - Hole for chimney of GWB-40   |                 |   |
| MFDB-1200 LM-R    | 19006104 | R         | - Rear guard<br>- Sink<br>- Shower tap<br>- Lower rack<br>- Guides for baskets | 1.200x800x900   | - |
| MFDB-1200 LM-L    | 19006105 | L         |  |                 |   |
| MFDB-1500 LM-R    | 19006404 | R         | - Rear guard<br>- Sink<br>- Shower tap<br>- Lower rack<br>- Guides for baskets | 1.500x800x900   | - |
| MFDB-1500 LM-L    | 19006405 | L         |  |                 |   |



(\*) Entrance of the baskets:  
L: Entry from the left side of the machine.  
R: Entrance from the right side of the machine.

# Delivery / sorting tables



## General characteristics

- Serving staff can deposit dirty dishes while the dishwashing staff are sorting them on the other side.
- The table is supplied with a sorting shelf (450 mm over the work top) and a waste disposal.
- Adjustable feet.

| MODEL | CODE     | SHELF DIMENSIONS (mm) | SHELF CAPACITY (BASKETS) | DIMENSIONS (mm) | € |
|-------|----------|-----------------------|--------------------------|-----------------|---|
| MD3C  | 19006410 | 1.530x600             | 3                        | 1.600x800x1.642 | - |
| MD4C  | 19006509 | 2.030x600             | 4                        | 2.100x800x1.642 | - |

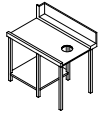
# Delivery / sorting tables

MFDP-1800 LM-L

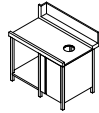


## General characteristics

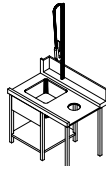
- Manufactured for the compact and modular conveyor dishwashers:
- Rear guard in all the models.
- Waste disposal.
- Space for the trash bin.
- Tables with sink built-in shower tap.



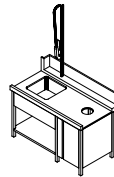
MLH-1200 LM-R



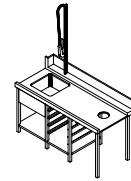
MLP-1200 LM-R



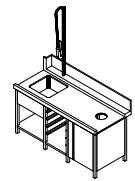
MFDH-1200 LM-R



MFDP-1500 LM-R

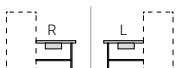


MFDH-1800 LM-R



MFDP-1800 LM-R

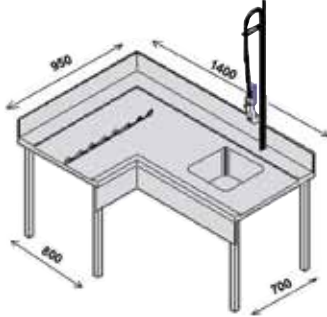
| MODEL          | CODE     | ENTRY (*) | HOUSING FOR BIN | CHARACTERISTICS  | DIMENSIONS (mm) | € |
|----------------|----------|-----------|-----------------|--|-----------------|---|
| MLH-1200 LM-R  | 19006100 | R         | OPEN            | - Lower rack   | 1.200x800x900   | - |
| MLH-1200 LM-L  | 19006101 | L         |                 |  |                 |   |
| MLP-1200 LM-R  | 19006102 | R         | DOOR            | - Lower rack   | 1.200x800x900   | - |
| MLP-1200 LM-L  | 19006103 | L         |                 |  |                 |   |
| MFDH-1200 LM-R | 19006106 | R         | OPEN            | - Sink<br>- Shower tap<br>- Lower rack                         | 1.200x800x900   | - |
| MFDH-1200 LM-L | 19006107 | L         |                 |  |                 |   |
| MFDP-1200 LM-R | 19006108 | R         | DOOR            | - Sink<br>- Shower tap<br>- Lower rack                         | 1.200x800x900   | - |
| MFDP-1200 LM-L | 19006109 | L         |                 |  |                 |   |
| MFDH-1500 LM-R | 19006408 | R         | OPEN            | - Sink<br>- Shower tap<br>- Lower rack                         | 1.500x800x900   | - |
| MFDH-1500 LM-L | 19006407 | L         |                 |  |                 |   |
| MFDP-1500 LM-R | 19006409 | R         | DOOR            | - Sink<br>- Shower tap<br>- Lower rack                         | 1.500x800x900   | - |
| MFDP-1500 LM-L | 19006406 | L         |                 |  |                 |   |
| MFDH-1800 LM-R | 19006506 | R         | OPEN            | - Sink<br>- Shower tap<br>- Lower rack<br>- Guides for baskets | 1.800x800x900   | - |
| MFDH-1800 LM-L | 19006507 | L         |                 |  |                 |   |
| MFDP-1800 LM-R | 19006508 | R         | DOOR            | - Sink<br>- Shower tap<br>- Lower rack<br>- Guides for baskets | 1.800x800x900   | - |
| MFDP-1800 LM-L | 19006505 | L         |                 |  |                 |   |



(\*) Entrance of the baskets:  
L: Entry from the left side of the machine.  
R: Entrance from the right side of the machine.

# Pre-rinsing table with introducer of baskets in corner

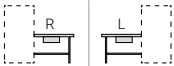
MCFD-1000 R



## General characteristics

- Rear guard 200 mm. Built in sink and shower tap.
- Length of the sink side: 1,400 mm - Depth: 700 mm.
- Element to introduce the baskets with the movement of the advancement system of the conveyor.
- Length of the introducer side: 950 mm - Depth: 800 mm.
- Ask the manufacturer to adapt the machine to install the table.

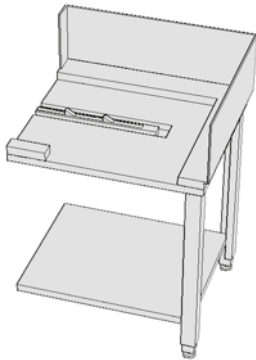
| MODEL       | CODE     | ENTRY (*) | EQUIPMENT FEATURES                                     | DIMENSIONS (mm) | € |
|-------------|----------|-----------|--|-----------------|---|
| MCFD-1000 R | 19006350 | R         | - Rear guard<br>- Sink<br>- Shower tap<br>- Introducer | 1.400x950x900   | - |
| MCFD-1000 L | 19006351 | L         |  |                 |   |



(\*) Entrance of the baskets:  
L: Entry from the left side of the machine.  
R: Entrance from the right side of the machine.

# Introducers of baskets in corner

E-90-R-CV



## General characteristics

- Element to introduce the baskets in the machine.
- Movement by the advancement system of the conveyor.
- Rear guard 250 mm.
- Lower shelf.
- Ask the manufacturer to adapt the machine to install the introducer.



(\*) Entrance of the baskets:  
L: Entry from the left side of the machine.  
R: Entrance from the right side of the machine.

| MODEL     | CODE     | DESCRIPTION  | DIMENSIONS (mm) | € |
|-----------|----------|--|-----------------|---|
| E-90-L    | 19004789 | INTRODUCER OF BASKETS BY THE LEFT SIDE<br>For rack conveyors WITH entry splash-guard (AS-260).     | 800x700x850     | - |
| E-90-L-CV | 19004792 | INTRODUCER OF BASKETS BY THE LEFT SIDE<br>For rack conveyors WITHOUT entry splash-guard (AS-260).  | 800x700x850     | - |
| E-90-R    | 19004790 | INTRODUCER OF BASKETS BY THE RIGHT SIDE<br>For rack conveyors WITH entry splash-guard (AS-260).    | 800x700x850     | - |
| E-90-R-CV | 19004791 | INTRODUCER OF BASKETS BY THE RIGHT SIDE<br>For rack conveyors WITHOUT entry splash-guard (AS-260). | 800x700x850     | - |
| -         | 19003534 | Basket introducer mechanism to install on a custom made introducer                                 | -               | - |

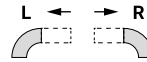
# Automatized curves for exit

180-L-TS


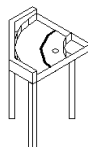


## General characteristics

- Automatic movement with the conveyor exit system.
- Ask the manufacturer to adapt the machine to install the automatized curve.



(\*) Exit of basket. It is opposite to the model of conveyor dishwasher.  
L: Exist from the left of the machine  
R: Exist from the right of the machine

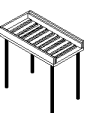
| MODEL   | CODE     | EXIT (*) | DESCRIPTION  | DIMENSIONS (mm)   | €             |
|---|----------|----------|--|---|---------------|
| 180-L-TS  | 19004788 | L        | AUTOMATIZED CURVE 180° AT LEFT<br>For rack conveyors WITHOUT exit splash-guard (ASE-260). Also for models WITH DRYING TUNNEL | 778x1.442x900   | -             |
|    | 180-L    | L        | AUTOMATIZED CURVE 180° AT LEFT<br>For rack conveyors WITH exit splash-guard (ASE-260).                                       | 778x1.442x900   | -             |
|   | 180-R-TS | 19004797 | R  | AUTOMATIZED CURVE 180° AT RIGHT<br>For rack conveyors WITHOUT exit splash-guard (ASE-260). Also for models WITH DRYING TUNNEL | 778x1.442x900 |
|   | 180-R    | R        | AUTOMATIZED CURVE 180° AT RIGHT<br>For rack conveyors WITH exit splash-guard (ASE-260).                                      | 778x1.442x900   | -             |
|  | 90-L-TS  | L        | AUTOMATIZED CURVE 90° AT LEFT<br>For rack conveyors WITHOUT exit splash-guard (ASE-260). Also for models WITH DRYING TUNNEL  | 778x778x900   | -             |
|   | 90-L     | L        | AUTOMATIZED CURVE 90° AT LEFT<br>For rack conveyors WITH exit splash-guard (ASE-260).  | 778x778x900   | -             |
|   | 90-R-TS  | R        | AUTOMATIZED CURVE 90° AT RIGHT<br>For rack conveyors WITHOUT exit splash-guard (ASE-260). Also for models WITH DRYING TUNNEL | 778x778x900   | -             |
|   | 90-R     | R        | AUTOMATIZED CURVE 90° AT RIGHT<br>For rack conveyors WITH exit splash-guard (ASE-260).                                       | 778x778x900   | -             |

# Rolling tables



## General characteristics

- Removable rolling units made in ABS, Ø 40 mm.
- Easy cleaning.
- Drain outlet.
- Adjustable stainless steel legs.
- Can be connected to the automatic curves.
- Includes limit switch for connection to the dishwasher

| MODEL   | CODE | DESCRIPTION   | CAPACITY (BASKETS) | DIMENSIONS (mm) | € |
|---|------|---------------|--------------------|-----------------|---|
|  | MR2C | Rolling table | 2                  | 1.128x665x850   | - |
|   | MR3C | Rolling table | 3                  | 1.638x665x850   | - |
|   | MR4C | Rolling table | 4                  | 2.148x665x850   | - |



Dishwashing







A high performance  
solution.

# Flight type dishwashers

Flight type dishwashers..... **231**

# Common features of the range



- Wash modules without inner piping.
- Double-skin construction.
- Double-skin doors with thermal and acoustic insulation.
- Counterweighted doors with safety stops allow full unrestricted access to the pre-wash, wash, pre-rinse and rinse areas.
- Modular construction allowing the machine to be divided on site into narrower modules.
- Useful loading area of 763 mm and unloading area of 830 mm at 900 mm height.
- 150 mm splash (AS) guard module at the loading area.
- Activation of the washing process by photocell.
- Belt drive speed controlled by a frequency converter and a micro cut-off which, in the event of any kind of blockage, stops the machine without causing any damage to it. It has an unblocking feature that reverses the belt to help clear the jam.
- Autotimer: after a period of inactivity, the traction motor is deactivated, reducing power consumption.
- Power-saving mode (stand-by): Reduction of power consumption and limescale deposition on the heating element by reducing the temperature of the boiler and tank water when the machine is not in operation.
- Automatic pre-heating system. Activation of the washing pumps and the dryers prior to reaching the setpoint temperatures to heat the environment and thus achieve a quick start-up of the machine.
- Washing tanks:
  - 100-litre tank.
  - Washing system consisting of 6 upper arms and 5 lower arms.
- Stainless steel arms in the pre-wash and wash, removable for cleaning.
- Triple level filtration in the wash and pre-wash modules.
- The bottom of the tank is stamped to ensure complete draining and facilitate cleaning.
- Thermally insulated boilers.
- Easily removable stainless steel rinsing arms with high efficiency rinsing nozzles.
- Adjustable steam suction system that prevents vapours from escaping.
- Energy recovery included, located on the upper part of the machine, which allows the installed power to be reduced by 9kW.
- Drying (D) placed on the unloading area and possibility of adding up to 2 additional dryers (except in FCO-P3W4-RDD where only one can be added).
- Curtains resistant to high temperatures and detergents, which are installed to prevent water splashing and contamination between modules.
- Detection of belt end with stop and autostart.
- Machine protected against water jets according to IPX5 category.

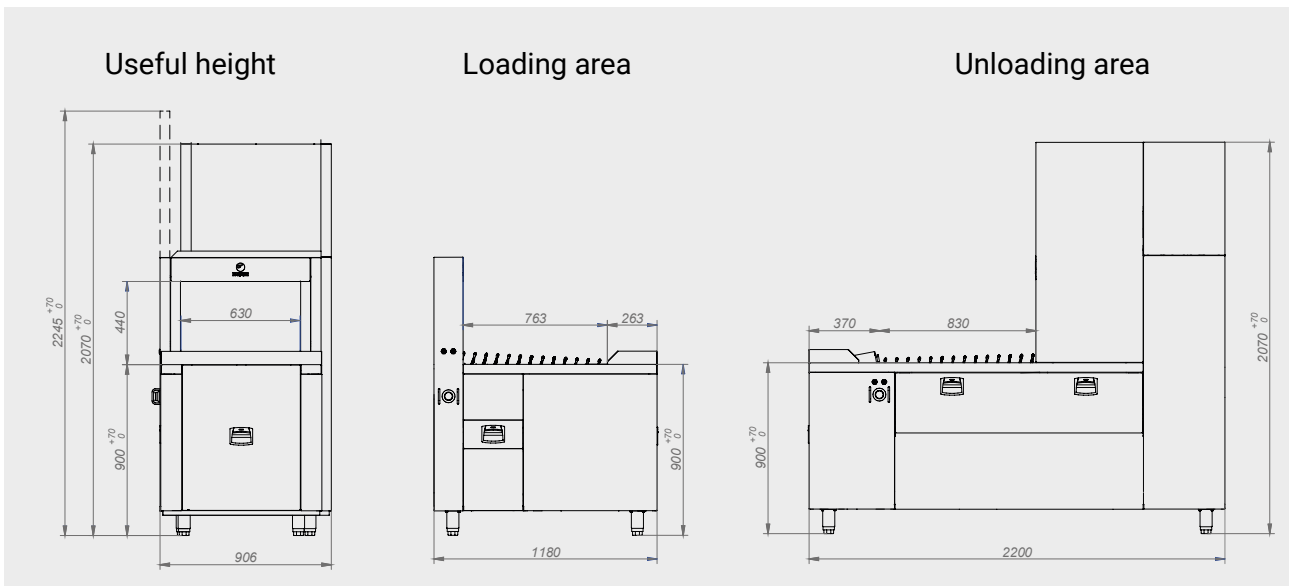


# Interface

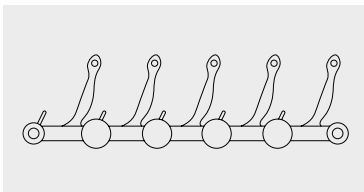


- Electromechanical switch that allows you to choose between 3 programmes depending on the workload or dirt.
- Two digital displays for the control and visualisation of washing and rinsing temperatures.
- Unlock push button to reverse the conveyor carriage to help clear the jam and another push button to activate it.

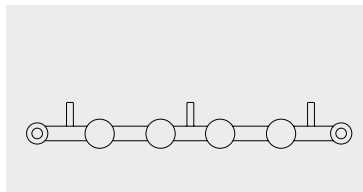
- The conveyor carriage locking and activation push buttons are also on the loading and unloading areas.
- Emergency push buttons at the entrance and exit included.
- Main switch included.



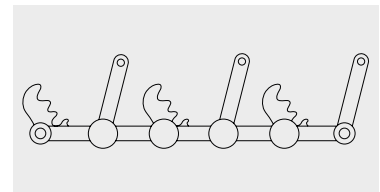
# Available belts



Belt for plates and baskets



Belt for kitchenware (pots and containers)

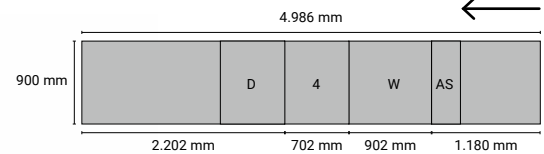


Belt for isothermal trays

## CONCEPT

## Flight type diswashers FCO-W4-RD

FCO-W4-RD R



## Specific features

- Electromechanical switch that allows you to choose between 3 programmes and two digital displays for the control and visualisation of washing and rinsing temperatures.
- Splash guard module (AS).
- Main wash (W).
- Prerinse / Rinse (4)
  - Pre-rinsing: Consisting of 2 upper and 1 lower prerinsing arms.
  - Rinsing: With one rinse pump. Type A non-return device in compliance with EN 1717. Consisting of 1 upper and 1 lower rinse arm. It uses a frequency converter for the rinse pump, which allows to vary the amount of rinse water by automatically adapting it to the selected conveying speed.
- Energy Recovery as standard (R).
- One standard drier (D) for optimal drying of ceramic dishes. Possibility of adding two extra dryers for drying plastic or stainless steel kitchenware

## Technical data

|                                   |     |                  |
|-----------------------------------|-----|------------------|
| Height (1)                        | mm  | 2.070            |
| Height with door open             | mm  | 2.200            |
| Clearance (WxH)                   | mm  | 630x440          |
| Supply water pressure min. - max. | bar | 1,5-4            |
| Traction motor                    | kW  | 0,25             |
| <b>WASH</b>                       |     |                  |
| <b>MAIN WASH W</b>                |     |                  |
| Tank capacity                     | lt  | 100              |
| Tank power                        | kW  | 18               |
| Washing pump power                | kW  | 2,6              |
| <b>PRE-RINSE/RINSE</b>            |     |                  |
|                                   |     | <b>PRE-RINSE</b> |
|                                   |     | <b>RINSE 4</b>   |
| Boiler capacity                   | lt  | -                |
| Tank capacity                     | lt  | 30               |
| Boiler heater power               | kW  | -                |
| Tank resistance power             | kW  | 5                |
| Prerinsing/rinsing pump power     | kW  | 0,26             |
| <b>DRY</b>                        |     |                  |
|                                   |     | <b>DRY D</b>     |
| Heater power                      | kW  | 7,5              |
| Fan power                         | kW  | 1,95             |

(1) Adjustable height (+70/+0 mm)

## Programs

| PROGRAM                         | PRODUCTION (PLATES/H) | WATER CONSUMPTION (L/H) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) | TOTAL POWER (KW)                                   |
|---------------------------------|-----------------------|-------------------------|-----------------------|------------------------|--|
|                                 |                       |                         |                       |                        | COLD WATER INLET WITH ENERGY RECOVERY (RC) 15°-25° |
| <b>380-400V 3N Simultaneous</b> |                       |                         |                       |                        |  |
| Intensive program (DIN-10534)   | 1.575                 | 190                     | 65                    | 85                     | 53,8   |
| Medium program                  | 2.325                 | 210                     | 65                    | 85                     | 53,8   |
| High capacity program           | 3.100                 | 230                     | 65                    | 85                     | 53,8   |

## Codes and prices \*

| MODEL       | CODE     | HZ | ENTRY DIRECTION | € |
|-------------|----------|----|-----------------|---|
| FCO-W4-RD R | 19073687 | 50 | Right           | - |
|             | 19108467 | 60 |                 |   |
| FCO-W4-RD L | 19075203 | 50 | Left            | - |
|             | 19077932 | 60 |                 |   |

\* The price of the machine does not include the belt, which must be ordered separately.

## Belts

| CODE     | MODEL                          | DESCRIPTION                                | € |
|----------|--------------------------------|--|---|
| 19072468 | PLATE BELT FCO-W4-RD           | Belt for plates and baskets                | - |
| 19072498 | KITCHENWARE BELT FCO-W4-RD     | Belt for kitchenware (pots and containers) | - |
| 19072497 | ISOTHERMAL TRAY BELT FCO-W4-RD | Belt for isothermal trays                  | - |

## Extra drying

| CODE     | MODEL   | VOLTAGE AND FREQUENCY (HZ) | DESCRIPTION  | POWER (KW) | DIMENSIONS (MM) | € |
|----------|---------|----------------------------|--------------|------------|-----------------|---|
| 19075207 | FDM-700 | 400V 3N 50/60              | Extra drying | 9,5        | 702x900x2.070   | - |

One standard drier (D) for optimal drying of ceramic dishes. Possibility of adding two extra dryers for drying plastic or stainless steel kitchenware.




## Disassembly

| CODE     | MODEL                       | DESCRIPTION   | € |
|----------|-----------------------------|---|---|
| 19075212 | BELT MODULE DISASSEMBLY KIT | Extra charge for disassembly and shipment of the machinery in several packages. | - |

## Transformations to other voltages

| VOLTAGE          | CHARACTERISTICS                                    | € |
|------------------|--|---|
| 220-240V 3~ (FG) | 220-240V 3~ connection for flight type dishwashers | - |

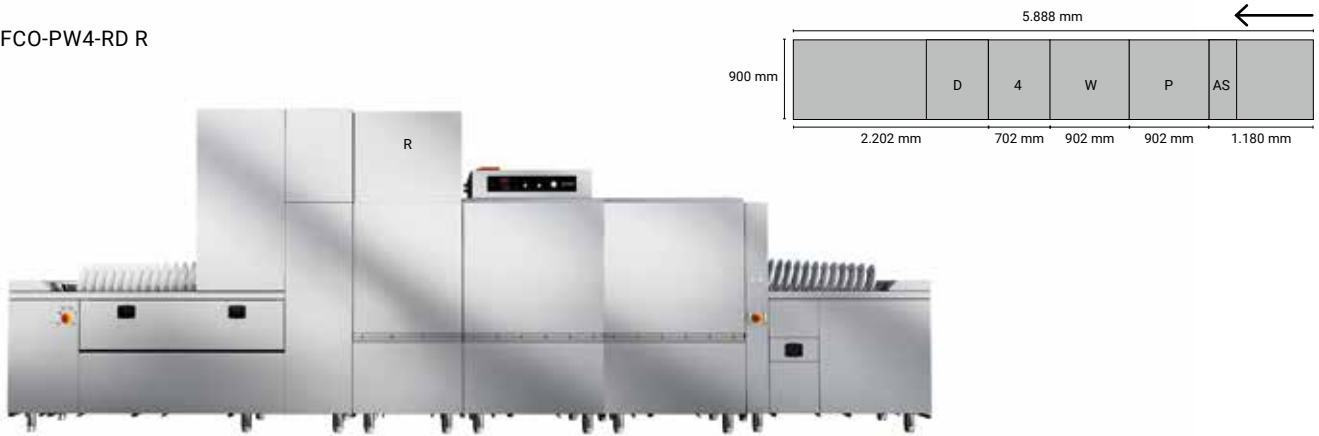
## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19004479   | ps | 2 |
|  | Cutlery basket<br>19087265 | ps | 1 |
|  | Cups basket<br>19000488    | ps | 2 |

## CONCEPT

## Flight type diswashers FCO-PW4-RD

FCO-PW4-RD R



## Specific features

- Electromechanical switch that allows you to choose between 3 programmes and two digital displays for the control and visualisation of washing and rinsing temperatures.
- Splash guard module (AS).
- Pre-wash (P): Consisting of 6 upper arms and 5 lower arms. Continuous renewal of the pre-wash water with a constant amount of pre-rinse water, channelling the surplus through a recirculation pump.
- Main wash (W).
- Pre-rinsing / rinsing (4)
  - Pre-rinsing: Consisting of 2 upper and 1 lower prerinsing arms.
  - Rinsing: With one rinsing pump. Type A non-return device in compliance with EN 1717. Consisting of 1 upper and 1 lower rinsing arm. It uses a frequency converter for the rinse pump, which allows to vary the amount of rinse water by automatically adapting it to the selected conveying speed.
- Energy Recovery as standard (R).
- One standard drier (D) for optimal drying of ceramic dishes. Possibility of adding two extra dryers for drying plastic or stainless steel kitchenware.

## Technical data

|                                   |                   |                    |
|-----------------------------------|-------------------|--------------------|
| Height (1)                        | mm                | 2.070              |
| Height with door open             | mm                | 2.200              |
| Clearance (WxH)                   | mm                | 630x440            |
| Supply water pressure min. - max. | bar               | 1,5-4              |
| Traction motor                    | kW                | 0,25               |
| <b>PRE-WASH/WASH</b>              |                   |                    |
|                                   | <b>PRE-WASH P</b> | <b>MAIN WASH W</b> |
| Tank capacity                     | lt                | 100                |
| Tank heater power                 | kW                | 15                 |
| Washing pump power                | kW                | 2,6                |
| <b>PRE-RINSE/RINSE</b>            |                   |                    |
|                                   | <b>PRE-RINSE</b>  | <b>RINSE 4</b>     |
| Boiler capacity                   | lt                | -                  |
| Tank capacity                     | lt                | 30                 |
| Boiler heater power               | kW                | -                  |
| Tank resistance power             | kW                | 5                  |
| Prerinsing/rinsing pump power     | kW                | 0,26               |
|                                   |                   | 0,15               |
| <b>DRY</b>                        |                   |                    |
|                                   |                   | <b>DRY D</b>       |
| Heater power                      | kW                | 7,5                |
| Fan power                         | kW                | 1,95               |

(1) Adjustable height (+70/+0 mm)

## Programs

| PROGRAM                       | PRODUCTION (PLATES/H) | WATER CONSUMPTION (L/H) | WASH TEMPERATURE (°C) | RINSE TEMPERATURE (°C) | TOTAL POWER (KW)                                   |
|-------------------------------|-----------------------|-------------------------|-----------------------|------------------------|--|
|                               |                       |                         |                       |                        | COLD WATER INLET WITH ENERGY RECOVERY (RC) 15°-25° |
| 380-400V 3N Simultaneous      |                       |                         |                       |                        |  |
| Intensive program (DIN-10534) | 2.490                 | 190                     | 65                    | 85                     | 53,4   |
| Medium program                | 3.520                 | 210                     | 65                    | 85                     | 53,4   |
| High capacity program         | 4.600                 | 230                     | 65                    | 85                     | 53,4   |

## Codes and prices \*

| MODEL        | CODE     | HZ | ENTRY DIRECTION | € |
|--------------|----------|----|-----------------|---|
| FCO-PW4-RD R | 19068360 | 50 | Right           | - |
|              | 19087160 | 60 |                 |   |
| FCO-PW4-RD L | 19068366 | 50 | Left            | - |
|              | 19101265 | 60 |                 |   |

\* The price of the machine does not include the belt, which must be ordered separately.

## Belts

| CODE     | MODEL                           | DESCRIPTION                                | € |
|----------|---------------------------------|--|---|
| 19074856 | PLATE BELT FCO-PW4-RD           | Belt for plates and baskets                | - |
| 19072700 | KITCHENWARE BELT FCO-PW4-RD     | Belt for kitchenware (pots and containers) | - |
| 19075209 | ISOTHERMAL TRAY BELT FCO-PW4-RD | Belt for isothermal trays                  | - |

## Extra Drying

| CODE     | MODEL   | VOLTAGE AND FREQUENCY (HZ) | DESCRIPTION  | POWER (KW) | DIMENSIONS (MM) | € |
|----------|---------|----------------------------|--------------|------------|-----------------|---|
| 19075207 | FDM-700 | 400V 3N 50/60              | Extra drying | 9,5        | 702x900x2.070   | - |

One standard drier (D) for optimal drying of ceramic dishes. Possibility of adding two extra dryers for drying plastic or stainless steel kitchenware.




## Disassembly

| CODE     | MODEL                       | DESCRIPTION   | € |
|----------|-----------------------------|---|---|
| 19075212 | BELT MODULE DISASSEMBLY KIT | Extra charge for disassembly and shipment of the machinery in several packages. | - |

## Transformations to other voltages

| VOLTAGE          | CHARACTERISTICS                                    | € |
|------------------|--|---|
| 220-240V 3~ (FG) | 220-240V 3~ connection for flight type dishwashers | - |

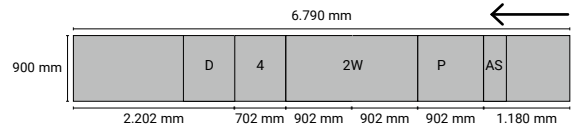
## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19004479   | ps | 2 |
|  | Cutlery basket<br>19087265 | ps | 1 |
|  | Cups basket<br>19000488    | ps | 2 |

## CONCEPT

# Flight type diswashers FCO-P2W4

FCO-P2W4-RD R



## Specific features

- Electromechanical switch that allows you to choose between 3 programmes and two digital displays for the control and visualisation of washing and rinsing temperatures.
- Splash guard module (AS).
- Pre-wash (P): Consisting of 6 upper arms and 5 lower arms. Continuous renewal of the pre-wash water with a constant amount of pre-rinse water, channelling the surplus through a recirculation pump.
- First wash and main wash (2W).
- Pre-Rinse / Rinse (4)
  - Pre-rinsing: Consisting of 3 upper and 1 lower prerinsing arms.
  - Rinsing: With one rinsing pump. Type A non-return device in compliance with EN 1717. Consisting of 1 upper and 1 lower rinsing arm. It uses a frequency converter for the rinse pump, which allows to vary the amount of rinse water by automatically adapting it to the selected conveying speed.
- Energy Recovery as standard (R).
- One standard drier (D) for optimal drying of ceramic dishes. Possibility of adding two extra dryers for drying plastic or stainless steel kitchenware.

## Technical data

|                                   |     |         |
|-----------------------------------|-----|---------|
| Height (1)                        | mm  | 2.070   |
| Height with door open             | mm  | 2.200   |
| Clearance (WxH)                   | mm  | 630x440 |
| Supply water pressure min. - max. | bar | 1,5-4   |
| Traction motor                    | kW  | 0,25    |

| WASH               |    | PRE-WASH<br>P | FIRST WASH + MAIN WASH<br>2W |
|--------------------|----|---------------|------------------------------|
| Tank capacity      | lt | 100           | 100 + 100                    |
| Tank heater power  | kW |               | 12 + 15                      |
| Washing pump power | kW | 2,6           | 2,6 + 2,6                    |

| PRE-RINSE/RINSE               |    | PRE-RINSE | RINSE<br>4 |
|-------------------------------|----|-----------|------------|
| Boiler capacity               | lt | -         | 20         |
| Tank capacity                 | lt | 30        | -          |
| Boiler heater power           | kW | -         | 18         |
| Tank resistance power         | kW | 5         | -          |
| Prerinsing/rinsing pump power | kW | 0,26      | 0,15       |

| DRY          |    | DRY<br>D |
|--------------|----|----------|
| Heater power | kW | 7,5      |
| Fan power    | kW | 1,95     |

(1) Adjustable height (+70/+0 mm)

## Programs

| PROGRAM                       | PRODUCTION<br>(PLATES/H) | WATER<br>CONSUMPTION<br>(L/H) | WASH<br>TEMPERATURE<br>(°C) | RINSE<br>TEMPERATURE<br>(°C) | TOTAL POWER (KW)   |
|-------------------------------|--------------------------|-------------------------------|-----------------------------|------------------------------|--|
|                               |                          |                               |                             |                              | COLD WATER INLET<br>WITH ENERGY RECOVERY (RC)<br>15°-25°<br>380-400V 3N Simultaneous |
| Intensive program (DIN-10534) | 3.350                    | 220                           | 65                          | 85                           | 68   |
| Medium program                | 4.970                    | 245                           | 65                          | 85                           | 68   |
| High capacity program         | 6.600                    | 270                           | 65                          | 85                           | 68   |

## Codes and prices \*

| MODELO        | CÓDIGO   | HZ | ENTRY DIRECTION | € |
|---------------|----------|----|-----------------|---|
| FCO-P2W4-RD R | 19074752 | 50 | Right           | - |
|               | 19108478 | 60 |                 |   |
| FCO-P2W4-RD L | 19073649 | 50 | Left            | - |
|               | 19108476 | 60 |                 |   |

\* The price of the machine does not include the belt, which must be ordered separately.

## Belts

| CODE     | MODEL                            | DESCRIPTION                                | € |
|----------|----------------------------------|--|---|
| 19073644 | PLATE BELT FCO-P2W4-RD           | Belt for plates and baskets                | - |
| 19072701 | KITCHENWARE BELT FCO-P2W4-RD     | Belt for kitchenware (pots and containers) | - |
| 19075210 | ISOTHERMAL TRAY BELT FCO-P2W4-RD | Belt for isothermal trays                  | - |

## Extra Drying

| CODE     | MODEL   | VOLTAGE AND FREQUENCY (HZ) | DESCRIPTION  | POWER (KW) | DIMENSIONS (MM) | € |
|----------|---------|----------------------------|--------------|------------|-----------------|---|
| 19075207 | FDM-700 | 400V 3N 50/60              | Extra drying | 9,5        | 702x900x2.070   | - |

One standard drier (D) for optimal drying of ceramic dishes. Possibility of adding two extra dryers for drying plastic or stainless steel kitchenware




## Disassembly

| CODE     | MODEL                       | DESCRIPTION   | € |
|----------|-----------------------------|---|---|
| 19075212 | BELT MODULE DISASSEMBLY KIT | Extra charge for disassembly and shipment of the machinery in several packages. | - |

## Transformations to other voltages

| VOLTAGE          | CHARACTERISTICS                                    | € |
|------------------|--|---|
| 220-240V 3~ (FG) | 220-240V 3~ connection for flight type dishwashers | - |

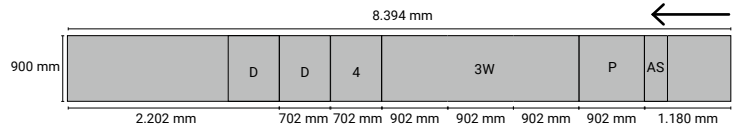
## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19004479   | un | 2 |
|  | Cutlery basket<br>19087265 | un | 1 |
|  | Cups basket<br>19000488    | un | 2 |

## CONCEPT

# Flight type diswashers FCO-P3W4-RDD

FCO-P3W4-RDD R



## Specific features

- Electromechanical switch that allows you to choose between 3 programmes and two digital displays for the control and visualisation of washing and rinsing temperatures.
- Splash guard module (AS).
- Pre-wash (P): Consisting of 6 upper arms and 5 lower arms. Continuous renewal of the pre-wash water with a constant amount of pre-rinse water, channelling the surplus through a recirculation pump.
- First wash, second wash and main wash (3W)
- Pre-rising / Rinsing (4)
  - Pre-rinsing: Consisting of 3 upper and 1 lower pre-rinsing arms.
  - Rinsing: With one rinsing pump. Type A non-return device in compliance with EN 1717. Consisting of 1 upper and 1 lower rinsing arm. It uses a frequency converter for the rinse pump, which allows to vary the amount of rinse water by automatically adapting it to the selected conveying speed.
- Energy Recovery as standard (R).
- Two standard driers (D) for optimal drying of ceramic dishes. Possibility of adding one extra dryer for drying plastic or stainless steel kitchenware.

## Technical data

|                                   |     |         |
|-----------------------------------|-----|---------|
| Height (1)                        | mm  | 2.070   |
| Height with door open             | mm  | 2.200   |
| Clearance (WxH)                   | mm  | 630x440 |
| Supply water pressure min. - max. | bar | 1,5-4   |
| Traction motor                    | kW  | 0,25    |

| WASH                           |    | PRE-WASH<br>P | FIRST WASH, SECOND WASH<br>AND MAIN WASH 3W |
|--------------------------------|----|---------------|---|
| Tank capacity                  | lt | 100           | 100 + 100 + 100                             |
| Tank heater power              | kW |               | 12 + 12 + 15                                |
| Washing pump power             | kW | 2,6           | 2,6 + 2,6 + 2,6                             |
| PRE-RINSE/RINSE                |    | PRE-RINSE     | RINSE<br>4                                  |
| Boiler capacity                | lt | -             | 20  |
| Tank capacity                  | lt | 30            | -   |
| Boiler heater power            | kW | -             | 18  |
| Tank heater power              | kW | 5             | -   |
| Pre-rinsing/rinsing pump power | kW | 0,26          | 0,15  |
| DRY                            |    |               | DRY<br>DD                                   |
| Heater power                   | kW |               | 2x7,5                                       |
| Fan power                      | kW |               | 2x1,95                                      |

(1) Adjustable height (+70/+0 mm)

## Programs

| PROGRAM                       | PRODUCTION<br>(PLATES/H) | WATER<br>CONSUMPTION<br>(L/H) | WASH<br>TEMPERATURE<br>(°C) | RINSE<br>TEMPERATURE<br>(°C) | TOTAL POWER (KW)   |
|-------------------------------|--------------------------|-------------------------------|-----------------------------|------------------------------|--|
|                               |                          |                               |                             |                              | COLD WATER INLET<br>WITH ENERGY RECOVERY (RC)<br>15°-25°<br>380-400V 3N Simultaneous |
| Intensive program (DIN-10534) | 4.275                    | 220                           | 65                          | 85                           | 92,05  |
| Medium program                | 6.410                    | 245                           | 65                          | 85                           | 92,05  |
| High capacity program         | 8.600                    | 270                           | 65                          | 85                           | 92,05  |



## Codes and prices\*

| MODEL          | CODE     | HZ | ENTRY DIRECTION | € |
|----------------|----------|----|-----------------|---|
| FCO-P3W4-RDD R | 19111197 | 50 | Right           | - |
|                | 19111198 | 60 |                 |   |
| FCO-P3W4-RDD L | 19111088 | 50 | Left            | - |
|                | 19111196 | 60 |                 |   |

\* The price of the machine does not include the belt, which must be ordered separately.

## Belts

| CODE     | MODEL                             | DESCRIPTION                                | € |
|----------|-----------------------------------|--|---|
| 19111199 | PLATE BELT FCO-P3W4-RDD           | Belt for plates and baskets                | - |
| 19111202 | KITCHENWARE BELT FCO-P3W4-RDD     | Belt for kitchenware (pots and containers) | - |
| 19111200 | ISOTHERMAL TRAY BELT FCO-P3W4-RDD | Belt for isothermal trays                  | - |

## Extra Drying

| CODE     | MODEL   | VOLTAGE AND FREQUENCY (HZ) | DESCRIPTION  | POWER (KW) | DIMENSIONS (mm) | € |
|----------|---------|----------------------------|--------------|------------|-----------------|---|
| 19075207 | FDM-700 | 400V 3N 50/60              | Extra drying | 9,5        | 702x900x2.070   | - |

Two standard driers (DD) for optimal drying of ceramic dishes. Possibility of adding one extra dryer for drying plastic or stainless steel kitchenware




## Disassembly

| CODE     | MODEL                       | DESCRIPTION   | € |
|----------|-----------------------------|---|---|
| 19075212 | BELT MODULE DISASSEMBLY KIT | Extra charge for disassembly and shipment of the machinery in several packages. | - |

## Transformations to other voltages

| VOLTAGE          | CHARACTERISTICS                                    | € |
|------------------|--|---|
| 220-240V 3~ (FG) | 220-240V 3~ connection for flight type dishwashers | - |

## Standard accessories

|   |                            |    |   |
|---|----------------------------|----|---|
|  | Glass basket<br>19004479   | un | 2 |
|  | Cutlery basket<br>19087265 | un | 1 |
|  | Cups basket<br>19000488    | un | 2 |



The best accessory for  
our wide range  
of dishwashers.



Access the website

# Baskets



|   |            |
|---|------------|
| Basket for crockery, cutlery and trays .... | <b>245</b> |
| Glass baskets .....                         | <b>246</b> |

# Basket for crockery, cutlery and trays

|   | CODE     | MODEL    | DESCRIPTION                    | Ø MÁX (mm)     | PRODUCT CAPACITY | DIMENSIONS (mm) | € |
|---|----------|----------|--------------------------------|----------------|------------------|-----------------|---|
|    | 19000487 | CP-16/18 | Plates basket                  | Ø 230<br>Ø 320 | 16-18<br>8-9     | 500x500x110     | - |
|    | 19004479 | CP-12    | Deep plates basket (75 mm)     | Ø 230<br>Ø 320 | 12<br>6          | 500x500x140     | - |
|    | 19000484 | CT-10    | Glass basket                   | -              | -                | 500x500x110     | - |
|    | 19087265 | CT-10 R  | Cutlery basket                 | -              | -                | 500x500x110     | - |
|   | 19000483 | CB-7     | Self-service trays basket      | -              | 7                | 500x500x110     | - |
|  | 19082432 | WRPG-40  | Glass basket                   | -              | -                | 400x400x110     | - |
|  | 19110751 | WRPGR-40 | Round glass basket             | -              | -                | Ø 400x180       | - |
|  | 19110752 | WRHR-40  | Support for round basket Ø 400 | -              | -                | 400x400x110     | - |
|  | 19084452 | WRWP-11  | Plates insert                  | -              | 11               | 400x400x110     | - |
|  | 19000792 | CU-7     | Cutlery insert                 | -              | 15               | 105x105x130     | - |
|  | 19102721 | CU-GW    | Cutlery insert                 | -              | 9                | Ø 96x104        | - |

# Glass baskets

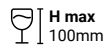
## Rod baskets

|   | CODE     | MODEL   | DIVISIONS | Ø MÁX (MM) | DIMENSIONS (MM) | € |
|---|----------|---------|-----------|------------|-----------------|---|
|  | 19107616 | WRWG-50 | 5         | 92         | 500x500x190     | - |
|  | 19107614 | WRWG-40 | 4         | 92         | 400x400x183     | - |

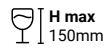
## Plastic baskets



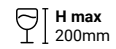
500x500x140






500x500x190



500x500x240



|   | PRODUCT CAPACITY | CODE     | MODEL     | € | CODE     | MODEL     | € | CODE     | MODEL     | € |
|---|------------------|----------|-----------|---|----------|-----------|---|----------|-----------|---|
|  | 16               | 19000488 | CV-16/105 | - | 19000489 | CV-16/155 | - | 19000490 | CV-16/205 | - |
|  | 25               | 19000491 | CV-25/105 | - | 19000492 | CV-25/155 | - | 19000493 | CV-25/205 | - |
|  | 36               | 19000494 | CV-36/105 | - | 19000495 | CV-36/155 | - | 19000496 | CV-36/205 | - |