








Dishwashing



| | HOOD-TYPE | | | FRONT LOADING | | | GLASSWASHER | |
|---|----------------------|-----------|---------|---------------|-----------|---------|-------------|---------|
| | ADVANCE | CONCEPT + | CONCEPT | ADVANCE | CONCEPT + | CONCEPT | CONCEPT | |
| BASKET SIZE | 500x500 | 500x500 | 500x500 | 500x500 | 500x500 | 500x500 | 400x400 | 400x400 |
| CONTROL PANEL | OTHERS | | | | | | | |
|  | AD-125 | | | AD-505 | | | | |
|  | With rinsing pump | COP-144 | | | COP-504 | | | |
| | Without rinsing pump | CO-142 | | | CO-502 | | CO-402 | |
|  | Multi - power | CO-110 | | | CO-501 | | | |
| | Single phase | | | | CO-500 | | CO-400 | CO-350 |

One body, three ranges.

E-VO Generation is a dream come true, something more than one step further: it is a different and innovative generation... Revolutionary.

pubs, schools, hotels, etc.), but create a smarter product and, at the same time, more simple; revolutionizing the commercial dishwashing world.

Because E-VO is built on a unique basic idea: create a single body structure that offers common benefits for its three different ranges: E-VO ADVANCE, E-VO CONCEPT PLUS and E-VO CONCEPT.

Three ranges which cover not only the specific needs of each client (restaurants, bars, cafes,



Hood-type

- 440 mm hood opening allows the introduction of large containers.
- Counterbalanced handle for easy handling.
- Double upper and lower washing and rinsing system.
- Single stamped and reduced volume washing tank.
- Optional heat recovery element which collects and condenses the vapours produced during washing and rinsing, improves the energy efficiency.

Front loading

- 380 mm useful interior clearance, allowing the introduction of GN-1/1 trays.
- Counterbalanced door with stainless steel hinges and double spring.
- Single stamped tank with rounded edges. No sharp elements.
- Reduced volume tank allowing significant water and energy savings.

Glasswasher

- Two models with useful interior clearance of 270 mm and 220 mm.
- Double upper and lower washing and rinsing system.

ADVANCE
CONCEPT PLUS
CONCEPT

ADVANCE
CONCEPT PLUS
CONCEPT

CONCEPT

Features per range

| MACHINE TYPE RANGE | | HOOD-TYPE | | | FRONT LOADING | | | GLASSWASHERS |
|----------------------------------|--|-----------|----------|-----------------------|---------------|----------|-----------------------|--------------------|
| | | ADVANCE | CONCEPT+ | CONCEPT | ADVANCE | CONCEPT+ | CONCEPT | CONCEPT |
| EFFI WASH | EFFI-WASH Newly optimized hydraulic system provides a strong mechanical action combined with the optimum clean water in the tank, and the balanced power to keep the perfect hygienic temperature during the whole lifetime of the machine. | • | • | • | • | • | • | • |
| EFFI RINSE | EFFI-RINSE EFFI-RINSE system assures a perfect hygienic result with a linear 85°C full rinsing cycle thanks to its incorporated rinsing pump and air break system design. | • | • | - | • | • | - | - |
| EFFI SILENT | EFFI-SILENT Full Double skin body to isolate machine's noise from the environment, making the atmosphere more peaceful. | • | - | - | • | • | • | - |
| HRS | HRS Fagor's HRS collects and condenses the steam exhausted by the machine after a full cleaning cycle, and heats up the input water from 10°C to 25°C (for example). It also allows to avoid installing a hood in most of the cases. | 0 | 0 | 0 | - | - | - | - |
| MULTI POWER | MULTIPOWER Several machines in one. Perfect solution to minimize your stock. By making an easy change in the electrical connecting box during the installation, you will be able to have a 3,4 kW machine or 6,2 kW or other powers. | • | • | • | • | • | • | - Except CO-500 |
| SELF DRAIN | SELF-DRAIN Every washing cycle, SELF-DRAIN takes care of removing dirty water from the tank just before starting to fall the rinsing clean and hot water over the ware. | • | - | - | • | - | - | - |
| SCI FILTER | SCI FILTER Consists in a simple 3 steps filtering system for big, medium and small size dirtiness particles; allowing to keep the wash tank water clean for a longer period of time. | • | - | - | • | - | - | - |
| SOFT START | SOFT-START It assures a low noise level of the bar or restaurant where it is installed and prevents the glasses and ware from moving inside the basket, protecting them from breaking and improving the washing cycle of all the ware. | - | - | - | • | • | • | - |
| FAGOR SERVICE | FAGOR SERVICE Access to internal menu through password to display and check the status of all components: pumps, switches, heating elements, temperature and pressure sensors, etc. | • | - | - | • | - | - | - |
| SCIENCE | SCIENCE One touch at a glance elevates its simplicity and smartness to one single Multi-chromatic button, making operator's life easier and optimizing the operating costs thanks to its intuitive 3 colors code. | • | - | - | • | - | - | - |
| ECO FILL | ECO FILL The NEW Thermostatic tank water filling system: allows to speed up drastically the start-up time of the machine, because the wash tank is filled in with hot water previously heat in the boiler. | • | • | - | • | • | - | - |
| GN-1/1 | GN-1/1 Using our special basket CB7-GN, E-VO Concept, Concept+ and Advance undercounters and hood-type machines are able to wash perfectly GN 1/1 trays. A huge advantage for our customers, thanks to its 380 mm clearance for undercounters and 440 mm for hood-types. A real proof of versatility. | • | • | • | • | • | • | - |
| ROCK COUNTERBALANCED DOOR | ROCK COUNTERBALANCED DOOR Double spring and stainless steel hinge system tested to resist the strongest usage of the market, with more than 360.000 openings. | - | - | - | • | • | • | - |
| KITS PHILOSOPHY | KITS PHILOSOPHY Reduce stock and simplify your order by just selecting the basic versions and adding the kits when required: detergent dispenser and drain pump.No need to have many versions in your stock. Easy to install kits with easy accessibility to the components minimizing the installation risks. | • | • | • | • | • | • | • |
| STAMPED PHILOSOPHY | STAMPED PHILOSOPHY A fully new stainless steel body and structure made to resist and resist to the strongest usage of the market. | • | • | • | • | • | • | - |
| IPX5 ZERO HUMIDITY | IPX5 ZERO-HUMIDITY Designed to have a full protection IPx5 against water hose cleaning and external humidity. | • | - | - | • | - | - | - |
| SELF CLEANING | SELF-CLEANING It allows the user to avoid hand-cleaning, because the machine will make it for you with this function. It will wash the chamber with detergent, rinse it all and drain everything away, leaving the machine without water in the tank and boiler. This will prevent bad smell and increase your machine's lifetime. | • | - | - | • | - | - | - |
| MULTI VOLTAGE | MULTIVOLTAGE (1+N/3+N) | • | • | • | • | • | • | - Except CO-500 |
| THERMO STOP | THERMOSTOP (83 °C) | • | • | • Factory disabled | • | • | • Factory disabled | • CO-402 |

• Standard 0 Option - Not version

Summary of technical data

| MACHINE TYPE | HOOD-TYPE | | | | | FRONT LOADING | | | | | GLASSWASHERS | | |
|--|-----------------------|-----------------------|-----------|-----------|------------|-----------------------|------------|------------|------------|-----------|--------------|------------|-----------|
| | ADVANCE | | CONCEPT+ | CONCEPT | | ADVANCE | CONCEPT+ | CONCEPT | | | CONCEPT | | |
| RANGE | AD-125 | AD-125 ECO | COP-144 | CO-142 | CO-110 | AD-505 | COP-504 | CO-502 | CO-501 | CO-500 | CO-400 | CO-402 | CO-350 |
| MODEL | AD-125 | AD-125 ECO | COP-144 | CO-142 | CO-110 | AD-505 | COP-504 | CO-502 | CO-501 | CO-500 | CO-400 | CO-402 | CO-350 |
| Wash Cycles (seconds) | 55-75-120 GLASS (***) | 55-75-120 GLASS (***) | 55-75-120 | 55-75-120 | 90-120-180 | 60-90-120 GLASS (***) | 90-120-180 | 90-120-180 | 90-120-180 | 120-180 | 120 | 90-120-180 | 120 |
| Programmable Wash Cycle | • | • | - | - | - | • | - | - | - | - | - | - | - |
| Continuous Cycle | • | • | • | • | • | - | - | - | - | - | - | - | - |
| Electronic display | • | • | • | • | - | • | • | • | - | - | - | • | - |
| Max Productivity (*) | | | | | | | | | | | | | |
| Baskets/hour | 65 | 65 | 65 | 65 | 40 | 60 | 40 | 40 | 40 | 30 | 30 | 40 | 30 |
| Dishes/hour | 1170 | 1170 | 1170 | 1170 | 720 | 1080 | 720 | 720 | 720 | 540 | - | - | - |
| Glasses/hour | 2340 | 2340 | 2340 | 2340 | 1440 | 2160 | 1440 | 1440 | 1440 | 1080 | - | - | - |
| Trays/hour | 455 | 455 | 455 | 455 | 280 | 420 | 280 | 280 | 280 | 210 | - | - | - |
| Standard Basket size (mm) | 500 x 500 | 500 x 500 | 500 x 500 | 500 x 500 | 500 x 500 | 500 x 500 | 500 x 500 | 500 x 500 | 500 x 500 | 500 x 500 | 400 x 400 | 400 x 400 | 350 x 350 |
| Able for GN-1/1 trays | • | • | • | • | • | • | • | • | • | • | - | - | - |
| Dimensions (mm) | | | | | | | | | | | | | |
| Width | 630 | 630 | 630 | 630 | 630 | 600 | 600 | 600 | 600 | 600 | 470 | 470 | 430 |
| Depth | 750 | 750 | 750 | 750 | 750 | 600 | 600 | 600 | 600 | 600 | 520 | 520 | 480 |
| Height | 1465 | 1465 | 1465 | 1465 | 1465 | 830 | 830 | 830 | 830 | 830 | 720 | 720 | 660 |
| Useful Loading Height (clearance) | 440 | 440 | 440 | 440 | 440 | 360 | 360 | 360 | 360 | 360 | 270 | 270 | 220 |
| Open Hood Height | 1940 | 1940 | 1940 | 1940 | 1940 | - | - | - | - | - | - | - | - |
| Capacity (liters) | | | | | | | | | | | | | |
| Wash Tank | 28 | 28 | 33 | 33 | 33 | 14 | 20 | 20 | 20 | 20 | 15 | 15 | 11 |
| Boiler | 10 | - | 10 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 |
| Water consumption per cycle | 2,4 | 2,4 | 2,4 | 2,4 | 2,4 | 2,4 | 2,4 | 2,4 | 2,4 | 2,4 | 2,2 | 2,2 | 2,2 |
| Power (kW) | | | | | | | | | | | | | |
| Tank heating element | 2,1 | 2,1 | 4,5 | 4,5 | 4,5 | 1,0 | 2,8 | 2,8 (**) | 2,8 (**) | 2,8 | 2,0 | 2,0 | 2,0 |
| Boiler/Booster heating element | 9 | GWB-20 | 9 | 9 | 6 | 5,6 | 5,6 | 5,6 | 5,6 | 2,8 | 2,8 | 2,8 | 2,4 |
| Wash pump(s) | 0,6 | 0,6 | 0,6 | 0,6 | 0,6 | 0,6 | 0,6 | 0,6 | 0,6 | 0,6 | 0,26 | 0,26 | 0,26 |
| Rinse pump | 0,13 | 0,13 | 0,13 | - | - | 0,13 | 0,13 | - | - | - | - | - | - |
| Max. power | 11,7 | 2,7 | 14,1 | 14,1 | 11,1 | 7,2 | 6,2 | 6,2 | 6,2 | 3,40 | 3,06 | 3,06 | 2,66 |
| Working Temperature (°C) | | | | | | | | | | | | | |
| Washing | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Rinsing | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Multipower | • | • | • | • | • | • | • | • | • | - | - | - | - |
| Single Phase (1-phase) | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Three Phases (3-phase) | • | • | • | • | • | • | • | • | • | - | - | - | - |
| Multivoltage (230 V-1N / 400 V-3 / 400 V-3N) | • | • | • | • | • | • | • | • | • | - | - | - | - |
| Marine (440 V 3 - 60 Hz.) | - | - | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | - | - |
| 60Hz Version | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | • | • | • |
| Water Protection Rating | IPX5 | IPX5 | IPX4 | IPX4 | IPX4 | IPX5 | IPX4 | IPX4 | IPX4 | IPX4 | IPX4 | IPX4 | IPX4 |
| Noise level (dBA) | <63 | <63 | <65 | <65 | <65 | <63 | <65 | <65 | <65 | <65 | <70 | <70 | <70 |
| Rinsing Aid Dispenser | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Detergent Aid Dispenser | • | • | 0 | 0 | 0 | • | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Drain Pump | • | • | 0 | 0 | 0 | • | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rinse Pump | • | • | • | - | - | • | • | - | - | - | - | - | - |
| Integrated Softener | 0 | 0 | - | - | - | 0 | - | - | - | - | 0 | 0 | - |
| Double wall - door / hood | • | • | - | - | - | • | • | • | • | • | • | • | • |
| Double wall - body | - | - | - | - | - | • | • | • | • | • | - | - | - |
| Wash & Rinse branc - AISI-304 | • | • | • | • | • | • | • | • | • | • | - | - | - |
| Filter trays AISI-304 in the wash tank | • | • | • | • | • | • | • | • | • | • | - | - | - |

- Standard (*) Assumed 18 dishes/basket, 36 glasses/basket and 7 trays/basket.
- 0 Optional (**) There is an especial version for 13A limitation installations, the total power gets reduced to 2,8 kW with a 2,2 kW heating element in the tank.
- No version (***) Special program for washing glassware, based on the specifications of hygiene and safety standard DIN10511. Cycle of 90 seconds, with temperatures: 60 °C (wash) and 65 °C (rinse).



Glasswasher

| | |
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Water connection:
It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C.

Water pressure:
Minimum: 2 bar = 2 kg/cm²
Maximum: 4 bar = 4 kg/cm²

Water softener:
All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Any issues derived from a bad installation that don't meet with the indicated conditions will not be considered as a warranty.



The small and versatile solution for sparkling results.



The Fagor Industrial glasswashers range is characterised by its versatility and adaptability and is designed to wash small plates, glasses, cups and utensils.

Our professional glasswashers are only available in the Concept range and in two different basket sizes. Simple and reliable commercial glasswashers offer guaranteed professional results which are very simple and easy to use.

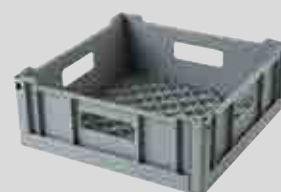
Glasswashers | **Concept**

230 V
1 N



CO-402

CO-400



BASKET 400 x 400 mm

EFFI
WASH

KITS
PHILOSOPHY

01.

Effi-wash

Optimized hydraulic system provides a strong mechanical action combined with the optimum clean water in the tank, and the balanced power to keep the perfect hygienic temperature during the whole lifetime of the machine. And all that, assuring the promised productivity. A powerful system which assures one of the most important factors of the Sinner's cycle: mechanical action, saving high quantities of chemicals.

02.

Kits philosophy

Reduce stock and simplify your order by just selecting the basic versions and adding the kits when required: detergent dispenser and drain pump. No need to have many versions in your stock. Easy to install kits with easy accessibility to the components minimizing the installation risks.



CO-402 WITH ELECTRONIC CONTROL PANEL



CONTROL PANEL CO-400

General characteristics

- Models for baskets of 400 x 400 mm.
- CO-402 model with electronic control and thermostop. 90" - 120" - 180" washing cycles and maximum production of 40 baskets/h.
- CO-400 model with mechanical - analogue control. Fixed 120" washing cycle and maximum production of 30 baskets/h.
- Useful internal clearance 270 mm.
- 260 W wash pump.
- 15 litre tank with 2 kW heating element.
- 4 litre boiler with 2.8 kW heating element.
- 2.2 litre water consumption per cycle.
- CO-402. Rinse with thermostop system. Standard factory setting disabled. Easy to enable.
- Single-phase machine with total power of 3,06 kW.
- Magnetic security micro in door opening.
- Basket provision: 2 base baskets 400 x 400 mm, 1 supplement for plates and a basket for cutlery.

| MODEL | HZ. | VOLTAGE | CODE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|------------------|-------|------------|----------|---------------------|------------|-----------------|---|
| CO-402 MODELS | | | | | | | |
| CO-402 COLD | 50/60 | 230 V / 1N | 19030909 | COLD | 3,06 | 470x520x720 | - |
| CO-402 COLD B | 50/60 | 230 V / 1N | 19030911 | COLD - B | 3,06 | 470x520x720 | - |
| CO-402 COLD DD | 50/60 | 230 V / 1N | 19030910 | COLD - DD | 3,06 | 470x520x720 | - |
| CO-402 COLD B DD | 50/60 | 230 V / 1N | 19030916 | COLD - B - DD | 3,06 | 470x520x720 | - |
| CO-402 SOFT DD | 50/60 | 230 V / 1N | 19030914 | SOFT - DD | 3,06 | 470x520x720 | - |
| CO-400 MODELS | | | | | | | |
| CO-400 | 50/60 | 230 V / 1N | 19022421 | - | 3,06 | 470x520x720 | - |
| CO-400 COLD | 50/60 | 230 V / 1N | 19029231 | COLD | 3,06 | 470x520x720 | - |
| CO-400 COLD B | 50/60 | 230 V / 1N | 19030070 | COLD - B | 3,06 | 470x520x720 | - |
| CO-400 COLD DD | 50/60 | 230 V / 1N | 19029232 | COLD - DD | 3,06 | 470x520x720 | - |
| CO-400 COLD B DD | 50/60 | 230 V / 1N | 19029233 | COLD - B - DD | 3,06 | 470x520x720 | - |
| CO-400 SOFT DD | 50/60 | 230 V / 1N | 19029395 | SOFT - DD | 3,06 | 470x520x720 | - |

(#) Versions and characteristics

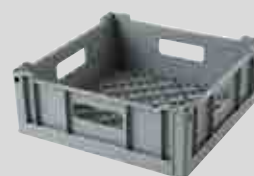
| VERSION | CHARACTERISTICS |
|---------|--|
| COLD | Push button for an optional cold rinse at the end of the cycle |
| B | Built-in drain pump - power 30 W - Drainage cycle |
| DD | Built-in detergent doser |
| SOFT | Built-in descaling unit and timer for regeneration cycle |
| CI | British plug |

Glasswashers | **Concept**

230 V
1 N



CO-350



BASKET 400 x 400 mm



01.

Effi-wash

Optimized hydraulic system provides a strong mechanical action combined with the optimum clean water in the tank, and the balanced power to keep the perfect hygienic temperature during the whole lifetime of the machine. And all that, assuring the promised productivity. A powerful system which assures one of the most important factors of the Sinner's cycle: mechanical action, saving high quantities of chemicals.

02.

Kits philosophy

Reduce stock and simplify your order by just selecting the basic versions and adding the kits when required: detergent dispenser and drain pump. No need to have many versions in your stock. Easy to install kits with easy accessibility to the components minimizing the installation risks.



CONTROL PANEL CO-350

General characteristics

- Models for baskets of 350 x 350 mm.
- Model with mechanical - analogue control. Fixed 120" washing cycle and maximum production of 30 baskets/h.
- Useful internal clearance 220 mm.
- 260 W wash pump.
- 11 litre tank with 2 kW heating element.
- 4 litre boiler with 2.4 kW heating element.
- 2.2 litre water consumption per cycle.
- Single-phase machine with total power of 2.66 kW.
- Magnetic security micro in door opening.
- Basket provision: 2 base baskets 350 x 350 mm, 1 supplement for plates and a basket for cutlery.



| MODEL | HZ. | VOLTAGE | CODE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|------------------|-------|------------|----------|---------------------|------------|-----------------|---|
| CO-350 | 50/60 | 230 V / 1N | 19013254 | - | 2,66 | 430x475x650 | - |
| CO-350 B | 50/60 | 230 V / 1N | 19027186 | B | 2,66 | 430x475x650 | - |
| CO-350 DD | 50/60 | 230 V / 1N | 19027187 | DD | 2,66 | 430x475x650 | - |
| CO-350 B DD | 50/60 | 230 V / 1N | 19027189 | B -DD | 2,66 | 430x475x650 | - |
| CO-350 COLD | 50/60 | 230 V / 1N | 19027203 | COLD | 2,66 | 430x475x650 | - |
| CO-350 COLD B | 50/60 | 230 V / 1N | 19030071 | COLD - B | 2,66 | 430x480x660 | - |
| CO-350 COLD DD | 50/60 | 230 V / 1N | 19027204 | COLD - DD | 2,66 | 430x475x650 | - |
| CO-350 COLD B DD | 50/60 | 230 V / 1N | 19027205 | COLD - B -DD | 2,66 | 430x475x650 | - |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|--|
| COLD | Push button for an optional cold rinse at the end of the cycle |
| B | Built-in drain pump - power 30 W - Drainage cycle |
| DD | Built-in detergent doser |

Accessories for glasswashers



Stand for glasswashers

General characteristics

- Made of stainless steel.

- It can be used to store the containers of detergent and rinse aid.





- Allows you to install the glasswashers without drain pump; the water drains by gravity.

| MODEL | CODE | VALID FOR MODELS | CHARACTERISTICS | DIMENSIONS (mm) | € |
|---------|----------|------------------|--------------------------------|-----------------|---|
| EVPL-47 | 19031298 | CO-402 / CO-400 | Capacity for 2 baskets 400x400 | 470x450x400 | - |
| EVPL-43 | 19031299 | CO-350 | Capacity for 2 baskets 350x350 | 430x405x400 | - |



Transformation kits for E-VO dishwashers


Kit to transform the basic versions (except for soft versions)

| MODEL | CODE | VALID FOR | DESCRIPTION | POWER (kW) | € |
|--|----------|---|-----------------------------|------------|---|
|  DD  | 19059327 | HOOD DISHWASHERS FRONT-OPENING DISHWASHERS GLASSWASHERS | PERISTALTIC DETERGENT DOSER | - | - |
|  B-AF  | 19013376 | FRONT-OPENING DISHWASHERS GLASSWASHERS | KIT DRAIN PUMP - 50/60 Hz. | 35 | - |

Manual water softeners

For hardness bigger than 5 HF / 3 HD.

Manual maintenance required.

| | CODE | DESCRIPTION | CAPACITY OF REGENERATION (*) | DIMENSIONS (MM) | € |
|---|----------|---------------------|--------------------------------------|-----------------|---|
|  | 19004620 | DESCALING KIT 8 L. | 700 litres between 2 regenerations | Ø 185x440 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 | - |



Front loading dishwashers

| | |
|-------------------|-----|
| Advance | 218 |
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Water connection:
It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C.

Water pressure:
Minimum: 2 bar = 2 kg/cm²
Maximum: 4 bar = 4 kg/cm²

Water softener:
All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Any issues derived from a bad installation that don't meet with the indicated conditions will not be considered as a warranty.



Reliability and comfort combined with high efficiency.



The front loading dishwashers are specifically designed for the catering sector and can be installed under the counter. Perfectly suited to the needs of restaurants, bars and cafes for the reliable and simple washing of dishes, cutlery and glassware.

The front loading dishwashers from Fagor Industrial are based on the EVO Generation idea to create a single base body that contains benefits across its three ranges and by selecting the appropriate technology to meet the needs of each segment. Thus, we offer a wide range of solutions to meet the requirements of different users.

Front loading | **Advance**



AD-505

EFFI
WASHEFFI
RINSEEFFI
SILENTSELF
DRAINSCI
FILTERSOFT
STARTFAGOR
SERVICE

SCIENCE

ECO
FILL

GN-1/1

RITS
PHILOSOPHYROCK
COUNTER-
BALANCED
DOORSTAMPED
PHILOSOPHYSELF
CLEANINGIPX5
ZERO
HUMIDITYMULTI
POWERMULTI
VOLTAGETHERMO
STOP

01.

Self-drain

Every washing cycle, SELF-DRAIN takes care of removing dirty water from the tank just before starting to fall the rinsing clean water over the ware. Therefore, you will be able to keep the wash tank clean during much more time, optimizing your running costs thanks to energy savings.

02.

Self-cleaning

It allows the user to avoid hand-cleaning, because the machine will make it for you with this function. It will wash the chamber with detergent, rinse it all and drain everything away, leaving the machine without water in the tank and boiler. This will prevent bad smell and increase your machine's lifetime.

03.

IPX5 Zero humidity



Designed to have a full protection IPX5 against water hose cleaning and external humidity.



AD-505

General characteristics

- Model with electronic and digital control.
- Door opening: 380 mm. Useful internal clearance 360 mm. Admits GN-1/1 trays.
- 90", 120" and 180" washing cycles.
- Specific "Glass" washing program for glassware, in compliance with the specifications of safety and hygiene regulation DIN10511.
- 60 baskets/hour maximum theoretical production.
- 14 litre tank with 1 kW heating element.
- 7 litre boiler with heating of 1.9 / 2.8 kW for mono-phase voltage, to be selected at time of installation ("Multipower").
- 600 W wash pump.
- Rinse booster pump that assures a perfect hygienic result with linear 85 °C full rinsing cycle (Effi-Rinse).
- 2.4 litre water consumption per cycle.
- Rinse with thermostop system.
- Alternate or simultaneous heating of tank and boiler.
- Heating of 1.9 / 2.8 kW for mono-phase voltage, to be selected at time of installation ("Multipower").
- Multivoltage feature allows the usage of the machine in both single phase and three phases installations.
- Stainless steel filter trays in the tank.
- Magnetic security micro in door opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| | MODEL | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|---|-------------|-----|----------|--------------|---------------------|------------|-----------------|---|
|  | AD-505 | 50 | 19056641 | MULTIVOLTAGE | A - B - DD | MULTIPOWER | 600x600x830 | - |
| | | 60 | 19057269 | MULTIVOLTAGE | | MULTIPOWER | | |
|  | AD-505 SOFT | 50 | 19058152 | MULTIVOLTAGE | A - B - DD - SOFT | MULTIPOWER | 600x632x830 | - |
| | | 60 | 19058153 | MULTIVOLTAGE | | MULTIPOWER | | |

(#) Versions and characteristics

| VERSIÓN | CARACTERÍSTICAS |
|---------|--|
| SOFT | Built-in descaling unit and timer for regeneration cycle |
| A | Built-in rinse booster pump - power 130 W |
| DD | Built-in detergent doser |
| B | Built-in drain pump - power 35 W - drainage cycle |

Multivoltage / multipower

| MODELS | VOLTAGE | TOTAL POWER | CON-NECTION | TANK HEATING | BOILER HEATING |
|--------|-------------|-------------|-------------|--------------|----------------|
| AD-505 | 400 V / 3N~ | 7.2 kW | SIM | 1 kW | 5.6 kW |
| | 230 V / 1N | 2.5 kW | ALT | 1 kW | 1.9 kW |
| | 230 V / 1N | 3.5 kW | SIM | 1 kW | 1.9 kW |
| | 230 V / 1N | 4.4 kW | SIM | 1 kW | 2.8 kW |
| | 230 V / 3~ | 7.2 kW | SIM | 1 kW | 5.6 kW |

Optional kit for marine version

| MODEL | CODE | CHARACTERISTICS | € |
|------------------|----------|--------------------------------------|---|
| KIT MARINE FRONT | 19036061 | Connection for ships (440 V - 60 Hz) | - |

Front loading | **Concept+**

**EFFI
RINSE**



COP-504



01.

Effi-Rinse

EFFI-RINSE system assures a perfect hygienic result with a linear 85 °C full rinsing cycle thanks to its incorporated rinse booster pump. EFFI-RINSE green light displays when the system is rinsing at 85 °C.

02.

Eco fill

The Thermostatic tank water filling system: allows to speed up drastically the start-up time of the machine, because the wash tank is filled in with hot water previously heat in the boiler.

03.

Stamped philosophy

A fully new stainless steel body and structure made to resist and resist to the strongest usage of the market. An evolved generation with stamped new door design, stamped wash tank and basket guides... We bet for this philosophy because it reduces your running costs so that you will spend less time cleaning and increase machine's lifetime.



COP-504

General characteristics

- Rinse booster pump assures a perfect hygienic result with linear 85 °C full rinsing cycle (EFFI-RINSE).
- Model with electronic control and thermostatic filling system.
- Door opening: 380 mm. Useful internal clearance 360 mm. Admits GN-1/1 trays.
- 90°, 120° and 180° washing cycles.
- 40 baskets/hour maximum theoretical production.
- 20 litre tank with 2.8 kW heating element.
- 7 litre boiler.
- 600 W wash pump.
- 2.4 litre water consumption per cycle.
- Rinse with thermostop system.
- Heating of 2.8 / 3.7 kW for mono-phase voltage, to be selected at time of installation ("Multipower").
- Multivoltage feature allows the usage of the machine in both single phase and three phases installations.
- Stainless steel double filter trays in the tank.
- Magnetic security micro in door opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| | MODEL | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|--|-----------------|-----|----------|--------------|---------------------|------------|-----------------|---|
| | COP-504 | 50 | 19052934 | MULTIVOLTAGE | A | MULTIPOWER | 600x600x830 | - |
| | | 60 | 19057263 | MULTIVOLTAGE | | MULTIPOWER | | |
| | COP-504 B | 50 | 19058151 | MULTIVOLTAGE | A - B | MULTIPOWER | 600x600x830 | - |
| | | 60 | 19058829 | MULTIVOLTAGE | | MULTIPOWER | | |
| | COP-504 DD | 50 | 19057256 | MULTIVOLTAGE | A - DD | MULTIPOWER | 600x600x830 | - |
| | | 60 | 19057264 | MULTIVOLTAGE | A - DD | MULTIPOWER | 600x600x830 | |
| | COP-504 B DD | 50 | 19057258 | MULTIVOLTAGE | A - B - DD | MULTIPOWER | 600x600x830 | - |
| | COP-504 DD CI | 50 | 19057259 | MULTIVOLTAGE | A - DD - CI | MULTIPOWER | 600x600x830 | - |
| | COP-504 B DD CI | 50 | 19057260 | MULTIVOLTAGE | A - B - DD - CI | MULTIPOWER | 600x600x830 | - |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| A | Built-in rinse booster pump - power 130 W |
| B | Built-in drain pump - power 35 W - drainage cycle |
| DD | Built-in detergent doser |
| CI | British plug |

Multivoltage / multipower

| MODELS | VOLTAGE | TOTAL POWER | CONNECTION | TANK HEATING | BOILER HEATING |
|---------|-------------|-------------|------------|--------------|----------------|
| COP-504 | 400 V / 3N~ | 6.2 kW | ALT | 2.8 kW | 5.6 kW |
| | 230 V / 1N | 3.4 kW | ALT | 2.8 kW | 2.8 kW |
| | 230 V / 1N | 4.3 kW | ALT | 2.8 kW | 3.7 kW |
| | 230 V / 3~ | 6.2 kW | ALT | 2.8 kW | 5.6 kW |

Kit to transform the basic versions

| | MODEL | CODE | DESCRIPTION | € |
|--|-------|----------|------------------------------|---|
| | DD | 19059327 | PERISTALTIC DETERGENT DOSER | - |
| | B-AF | 19013376 | KIT DRAIN PUMP FRONT LOADING | - |

Optional kit for marine version

| MODEL | CODE | CHARACTERISTICS | € |
|---------------|----------|----------------------|---|
| KIT MARINE AF | 19036061 | Connection for ships | - |

Front loading | **Concept**



CO-502

CO-501



01.

GN-1/1

Using our special basket CB7-GN, E-VO CONCEPT, CONCEPT PLUS and ADVANCE undercounters and hood-type machines are able to wash perfectly GN 1/1 trays. A huge advantage for our customers, thanks to its 380 mm clearance for undercounters and 440 mm for hood-types.

02.

Kits philosophy

Reduce stock and simplify your order by just selecting the basic versions and adding the kits when required: detergent dispenser and drain pump. No need to have many versions in your stock. Easy to install kits with easy accessibility to the components minimizing the installation risks.

03.

Rock counterbalanced door

Double spring and stainless steel hinge system tested to resist the strongest usage of the market, with more than 360.000 openings.

It also protects the user from burnings with steam thanks to the 3 compensated steps designed:

- (1) - remove steam.
- (2) - check basket.
- (3) - remove/ place basket.



CO-502



CO-501

General characteristics

- CO-502 model with electronic control and thermostatic filling system.
- CO-501 model with mechanical - analogue control.
- Door opening: 380 mm. Useful internal clearance 360 mm. Admits GN-1/1 trays.
- 90", 120" and 180" washing cycles.
- 40 baskets/hour maximum theoretical production.
- 20 litre tank with 2.8 kW heating element.

- 7 litre boiler.
- 600 W wash pump.
- 2.4 litre water consumption per cycle.
- Rinse with thermostop system. Standard factory setting disabled. Easy to enable.
- Heating of 2.8 / 3.7 kW in monophase voltage, to be selected at time of installation ("Multipower").
- Multivoltage feature allows the usage of the machine in both single phase and three

- phases installations.
- Stainless steel filter tray in the tank.
- Magnetic security micro in door opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| MODEL | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|----------------|-----|----------|--------------|---------------------|------------|-----------------|---|
| CO-502 | 50 | 19058149 | MULTIVOLTAGE | - | MULTIPOWER | 600x600x830 | - |
| | 60 | 19058150 | MULTIVOLTAGE | | | | |
| CO-502 B | 50 | 19058146 | MULTIVOLTAGE | B | MULTIPOWER | 600x600x830 | - |
| | 60 | 19058828 | MULTIVOLTAGE | | | | |
| CO-502 DD | 50 | 19058147 | MULTIVOLTAGE | DD | MULTIPOWER | 600x600x830 | - |
| | 60 | 19058838 | MULTIVOLTAGE | | | | |
| CO-502 B DD | 50 | 19058148 | MULTIVOLTAGE | B-DD | MULTIPOWER | 600x600x830 | - |
| MODELOS CO-501 | | | | | | | |
| CO-501 | 50 | 19058141 | MULTIVOLTAGE | - | MULTIPOWER | 600x600x830 | - |
| | 60 | 19058145 | MULTIVOLTAGE | | | | |
| CO-501 B | 50 | 19058142 | MULTIVOLTAGE | B | MULTIPOWER | 600x600x830 | - |
| | 60 | 19058823 | MULTIVOLTAGE | | | | |
| CO-501 DD | 50 | 19058143 | MULTIVOLTAGE | DD | MULTIPOWER | 600x600x830 | - |
| | 60 | 19058824 | MULTIVOLTAGE | | | | |
| CO-501 B DD | 50 | 19058144 | MULTIVOLTAGE | B-DD | MULTIPOWER | 600x600x830 | - |
| CO-502 B DD CI | 50 | 19061388 | MULTIVOLTAGE | B-DD-CI | MULTIPOWER | 600x600x830 | - |
| CO-501 CI | 50 | 19058822 | MULTIVOLTAGE | CI | MULTIPOWER | 600x600x830 | - |
| CO-501 CI | 60 | 19058825 | MULTIVOLTAGE | CI | MULTIPOWER | 600x600x830 | - |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| DD | Built-in detergent doser |
| B | Built-in drain pump - power 35 W - drainage cycle |
| CI | British plug |

Multivoltage / multipower

| MODELS | VOLTAGE | TOTAL POWER | CONNECTION | TANK HEATING | BOILER HEATING |
|------------------|-------------|-------------|------------|--------------|----------------|
| CO-501 CO-502 | 400 V / 3N~ | 6.2 kW | ALT | 2.8 kW | 5.6 kW |
| | 230 V / 1N | 3.4 kW | ALT | 2.8 kW | 2.8 kW |
| | 230 V / 1N | 4.3 kW | ALT | 2.8 kW | 3.7 kW |
| | 230 V / 3~ | 6.2 kW | ALT | 2.8 kW | 5.6 kW |

Optional kit for marine version

| MODEL | CODE | CHARACTERISTICS | € |
|---------------|----------|----------------------|---|
| KIT MARINE AF | 19036061 | Connection for ships | - |

Kit to transform the basic versions

| MODEL | CODE | DESCRIPTION | € |
|-------|----------|------------------------------|---|
| DD | 19059327 | PERISTALTIC DETERGENT DOSER | - |
| B-AF | 19013376 | KIT DRAIN PUMP FRONT LOADING | - |

Kit trays-filter for wash tank

| MODEL | CODE | DESCRIPTION | € |
|----------|----------|----------------------------------|---|
| K-BF-500 | 19036304 | KIT 2 TRAYS-FILTER FOR WASH TANK | - |

Front loading | **Concept**

230 V
1 N



CO-500



01.

Gn-1/1

Using our special basket CB7-GN, E-VO CONCEPT, CONCEPT PLUS and ADVANCE undercounters and hood-type machines are able to wash perfectly GN 1/1 trays. A huge advantage for our customers, thanks to its 380 mm clearance for undercounters and 440 mm for hood-types.

02.

Kits philosophy

Reduce stock and simplify your order by just selecting the basic versions and adding the kits when required: detergent dispenser and drain pump. No need to have many versions in your stock. Easy to install kits with easy accessibility to the components minimizing the installation risks.

03.

Rock counterbalanced door

Double spring and stainless steel hinge system tested to resist the strongest usage of the market, with more than 360.000 openings.

It also protects the user from burnings with steam thanks to the 3 compensated steps designed:

- (1) - remove steam.
- (2) - check basket.
- (3) - remove/ place basket.



CO-500

General characteristics

- 230 V - 1N Single-phase machine with total power of 3,4 kW.
- Model with mechanical - analogue control.
- Door opening: 380 mm. Useful internal clearance 360 mm. Admits GN-1/1 trays.
- 120" and 180" fixed washing cycles.
- 30 baskets/hour maximum theoretical production.
- 20 litre tank with 2.8 kW heating element.
- 7 litre boiler with 2.8 kW heating element.
- 600 W wash pump.
- 2,4 litre water consumption per cycle.
- Rinse with thermostop system. Standard factory setting disabled. Easy to enable.
- Filter tray in the tank.
- Magnetic security micro in door opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and one cutlery container.

| | MODEL | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|--|-------------|-----|----------|-----------|---------------------|------------|-----------------|---|
| | CO-500 | 50 | 19048601 | 230 V 1+N | - | 3,4 | 600x600x830 | - |
| | | 60 | 19057251 | 230 V 1+N | | | | |
| | CO-500 B | 50 | 19057247 | 230 V 1+N | B | 3,4 | 600x600x830 | - |
| | | 60 | 19057252 | 230 V 1+N | | | | |
| | CO-500 DD | 50 | 19057249 | 230 V 1+N | DD | 3,4 | 600x600x830 | - |
| | | 60 | 19058821 | 230 V 1+N | | | | |
| | CO-500 B DD | 50 | 19057250 | 230 V 1+N | B - DD | 3,4 | 600x600x830 | - |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| DD | Built-in detergent doser |
| B | Built-in drain pump - power 35 W - drainage cycle |
| CI | UK type plug |

Optional kit for marine version

| MODEL | CODE | CHARACTERISTICS | € |
|---------------|----------|----------------------|---|
| KIT MARINE AF | 19036061 | Connection for ships | - |

Kit to transform the basic versions

| | MODEL | CODE | DESCRIPTION | € |
|--|-------|----------|------------------------------|---|
| | DD | 19059327 | PERISTALTIC DETERGENT DOSER | - |
| | B-AF | 19013376 | KIT DRAIN PUMP FRONT LOADING | - |

Kit trays-filter for wash tank

| | MODEL | CODE | DESCRIPTION | € |
|--|----------|----------|----------------------------------|---|
| | K-BF-500 | 19036304 | KIT 2 TRAYS-FILTER FOR WASH TANK | - |

Accessories for front loading





Stand for front loading. General characteristics

- Made of stainless steel.
- Valid for the front loading dishwashers of the E-VO Generation.
- Space for baskets 500 x 500 mm.
- Capacity for 3 baskets height 110 mm (CT-10, CP-16/18, CV-16/105...).
- It can be used to store the containers of detergent and rinse aid.
- Allows you to install the dishwasher without drain pump; the water drains by gravity.


| MODEL | CODE | CHARACTERISTICS | DIMENSIONS (mm) | € |
|---------|----------|--------------------------------|-----------------|---|
| EVPL-60 | 19004660 | Capacity for 3 baskets 500x500 | 600x600x400 | - |

Transformation kits for E-VO dishwashers

Kit to transform the basic versions (except for soft versions)

| MODEL | CODE | VALID FOR | DESCRIPTION | POWER (kW) | € |
|--|----------|---|-----------------------------|------------|---|
| DD  | 19059327 | HOOD DISHWASHERS FRONT-OPENING DISHWASHERS GLASSWASHERS | PERISTÁLTIC DETERGENT DOSER | - | - |
| B-AF  | 19013376 | FRONT-OPENING DISHWASHERS GLASSWASHERS | KIT DRAIN PUMP - 50/60 Hz. | 35 | - |


Kit trays-filter for wash tank

| MODEL | CODE | DESCRIPTION | € |
|--|----------|----------------------------------|---|
| K-BF-500  | 19036304 | KIT 2 TRAYS-FILTER FOR WASH TANK | - |

Manual water softeners

For hardness bigger than 5 HF / 3 HD.

Manual maintenance required.

| | CODE | DESCRIPTION | CAPACITY OF REGENERATION (*) | DIMENSIONS (MM) | € |
|---|----------|---------------------|--------------------------------------|-----------------|---|
|  | 19004620 | DESCALING KIT 8 L. | 700 litres between 2 regenerations | Ø 185x440 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

New

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.

General characteristics



- 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 ADVANCE AND CONCEPT PLUS MODELS

| 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 / 60 | 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 | - |



Hood-type dishwashers

| | |
|-------------------|-----|
| Advance | 232 |
| Concept + | 236 |
| Concept..... | 238 |
| Accessories | 242 |

Water connection:
It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C.

Water pressure:
Minimum: 2 bar = 2 kg/cm²
Maximum: 4 bar = 4 kg/cm²

Water softener:
All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Any issues derived from a bad installation that don't meet with the indicated conditions will not be considered as a warranty.



Simplicity and agility for large quantities and intensive use.



Commercial hood-type dishwashers, also known as dome dishwashers, are ideal for heavy use in restaurants and catering businesses. Hood-type dishwashers allow linear washing of the dishes at a comfortable working height, with the support of the prewash table and basket exit. Therefore, a perfectly coordinated washing process is achieved. The hood is lifted and a new basket is inserted, the hood is lowered while the machine does its job. The clean utensils can be collected once the hood is lifted to extract them and the next basket can be loaded.

The Hood-type dishwashers are based on the EVO Generation concept of creating a single base body that contains benefits across its three ranges and by selecting the appropriate technology to meet the needs of each segment. Thus, we offer a wide range of solutions to meet the requirements of different users.

Hood-type | **Advance**



AD-125



01.

Self-drain

Every washing cycle, SELF-DRAIN takes care of removing dirty water from the tank just before starting to fall the rinsing clean water over the ware. Therefore, you will be able to keep the wash tank clean during much more time, optimizing your running costs thanks to energy savings.

02.

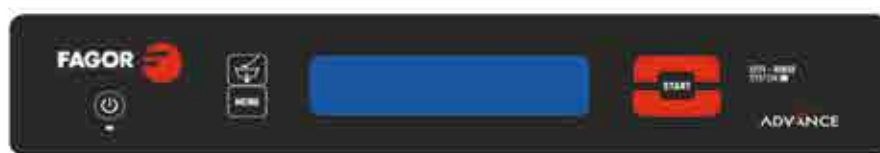
Self-cleaning

It allows the user to avoid hand-cleaning, because the machine will make it for you with this function. It will wash the chamber with detergent, rinse it all and drain everything away, leaving the machine without water in the tank and boiler. This will prevent bad smell and increase your machine's lifetime.

03.

Ipx5 zero humidity

Designed to have a full protection IPX5 against water hose cleaning and external humidity.



AD-125

General characteristics

- Model with electronic and digital control.
- 440 mm hood opening.
- 55", 75" and 120" washing cycles.
- Continuous washing cycle, max. 10'
- Specific "Glass" washing program for glassware, in compliance with the specifications of safety and hygiene regulation DIN10511.
- 65 baskets/hour maximum theoretical production.
- 28 litre tank with 2.1 kW heating element.
- 10 litre boiler with heating power of 4.5 /
- 6 kW, selectable by installer for mon-phase version. Several models in one machine ("Multipower").
- Washing pump, 600 W, that provides a large hydraulic flow.
- Rinse booster pump that assures a perfect hygienic result with linear 85 °C full rinsing cycle (Effi-Rinse).
- 2.4 litre water consumption per cycle.
- Rinse with thermostat system.
- Multivoltage feature allows the usage of the machine in both single phase and three phases installations.
- Alternate or simultaneous heating of tank and boiler.
- Stainless steel filter trays in the tank.
- Magnetic security micro in hood opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| | MODEL | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|--|-----------------|-----|----------|--------------|-------------------------|------------|-------------------|---|
| | AD-125 | 50 | 19047144 | MULTIVOLTAGE | A - B - DD | MULTIPOWER | 630 x 750 x 1.465 | - |
| | | 60 | 19057710 | MULTIVOLTAGE | | MULTIPOWER | | |
| | AD-125 SOFT | 50 | 19058618 | MULTIVOLTAGE | A - B - DD - SOFT | MULTIPOWER | 630 x 750 x 1.465 | - |
| | | 60 | 19058622 | MULTIVOLTAGE | | MULTIPOWER | | |
| | AD-125 HRS | 50 | 19058620 | MULTIVOLTAGE | HRS - A - B - DD | MULTIPOWER | 630 x 750 x 1.920 | - |
| | | 60 | 19058624 | MULTIVOLTAGE | | MULTIPOWER | | |
| | AD-125 SOFT HRS | 50 | 19058619 | MULTIVOLTAGE | A - B - DD - SOFT - HRS | MULTIPOWER | 630 x 750 x 1.920 | - |
| | | 60 | 19058623 | MULTIVOLTAGE | | MULTIPOWER | | |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| SOFT | Built-in descaling unit and timer for regeneration cycle |
| HRS | Machine with heat recovery system - power 30 W Total high of the machine: 1.920 mm |
| DD | Built-in detergent doser |
| B | Built-in drain pump - power 95 W - drainage cycle |
| A | Built-in rinse booster pump - power 130 W |

Multivoltage - Multipower

| MODEL | VOLTAGE | TOTAL POWER | CONNECTION | TANK HEATING | BOILER HEATING |
|--------|-------------|-------------|------------|--------------|----------------|
| AD-125 | 400 V / 3N~ | 11.7 kW | SIM | 2.1 kW | 9,0 kW |
| | 230 V / 1N | 6.2 kW | SIM | 1.1 kW | 4.5 kW |
| | 230 V / 1N | 8,0 kW | SIM | 1.4 kW | 6,0 kW |
| | 230 V / 3~ | 11.7 kW | SIM | 2.1 kW | 9,0 kW |

Hood-type | **Advance**



AD-125 ECO



01.

Self-drain

Every washing cycle, SELF-DRAIN takes care of removing dirty water from the tank just before starting to fall the rinsing clean water over the ware. Therefore, you will be able to keep the wash tank clean during much more time, optimizing your running costs thanks to energy savings.

02.

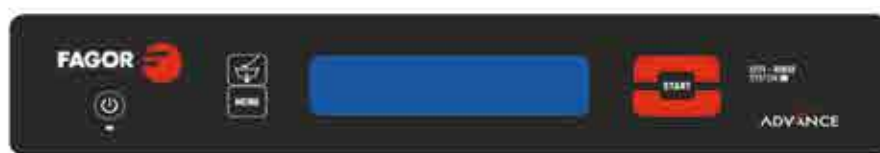
Self-cleaning

It allows the user to avoid hand-cleaning, because the machine will make it for you with this function. It will wash the chamber with detergent, rinse it all and drain everything away, leaving the machine without water in the tank and boiler. This will prevent bad smell and increase your machine's lifetime.

03.

The "eco range", gas heated dishwashers, a unique proposal in the market

Fagor offers a unique solution among European manufacturers: GAS versions in dishwashing. With the usage of a Gas Water Booster, the so-called ECO models provide 60% cost savings in the utility bill as compared to the equivalent electric models.



AD-125 ECO

General characteristics

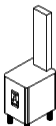
- The ECO version of hood-type dishwashers are fitted with an external hot water generator, gas heated, model GWB-20).
- The generator replaces the electric rinse boiler in the dishwasher, bringing a significant saving in electricity consumption.
- Model with electronic control. User friendly digital control with 3 intuitive colors code.
- 440 mm hood opening.
- 55", 75" and 120" washing cycles.
- Continuous washing cycle, max. 10'.
- 65 baskets/hour maximum theoretical production.
- Specific "Glass" washing program for glassware, in compliance with the specifications of safety and hygiene regulation DIN10511.
- 28 litre tank with 2.1 kW heating element.
- Washing pump, 600 W, that provides a large hydraulic flow.
- Rinse booster pump that assures a perfect hygienic result with linear 85 °C full rinsing cycle (Effi-Rinse).
- 2.4 litre water consumption per cycle.
- Multivoltage feature allows the usage of the machine in both single phase and three phases installations.
- Stainless steel filter trays in the tank.
- Magnetic security micro in hood opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| MODEL | HZ. | CODE (1) | VOLTAGE | CHARACTERISTICS (#) | ELECTRIC POWER (kW) | DIMENSIONS (mm) | € |
|------------|-----|----------|------------|---------------------|---------------------|-------------------|---|
| AD-125 ECO | 50 | 19051477 | 230 V - 1N | A - B - DD | 2,7 | 630 x 750 x 1.465 | - |

(1) Note on codes

When placing your order, to the machine code, please add the generator code GWB-20 (according to the type of gas and electrical frequency), included in the price of the dishwasher.

Gas water booster gwb-20

| MODEL | GAS / FREQUENCY | CODE | DESCRIPTION | POWER (kW) | DIMENSIONS (mm) | € |
|--|-----------------|-------|---|------------|-----------------|---|
|  GWB-20 | LPG | 50 Hz | GAS WATER BOOSTER Forced draught burner and double safety valve. Electronic control of temperature and water levels. Automatic limescale removal. Automatic tank emptying. | 20 | 432x548x770 | - |
| | LPG | 60 Hz | | | | |
| | NG | 50 Hz | | | | |
| | NG | 60 Hz | | | | |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| A | Built-in rinse booster pump - power 130 W |
| B | Built-in drain pump - power 95 W - drainage cycle |
| DD | Built-in detergent doser |

Multivoltage - multipower

| MODEL | VOLTAGE | TOTAL POWER | CONNECTION | TANK HEATING | BOILER HEATING |
|------------|-------------|-------------|------------|--------------|----------------|
| AD-125 ECO | 400 V / 3N~ | 2.7 kW | - | 2.1 kW | - |
| | 230 V / 1N | 2.7 kW | - | 2.1 kW | - |
| | 230 V / 3~ | 2.7 kW | - | 2.1 kW | - |

Hood-type | **Concept+**



COP-144



01.

Effi-rinse

EFFI-RINSE system assures a perfect hygienic result with a linear 85 °C full rinsing cycle thanks to its incorporated rinse booster pump. EFFI-RINSE green light displays when the system is rinsing at 85 °C.

02.

Eco fill

The Thermostatic tank water filling system: allows to speed up drastically the start-up time of the machine, because the wash tank is filled in with hot water previously heat in the boiler.

03.

Kits philosophy




Reduce stock and simplify your order by just selecting the basic versions and adding the kits when required: detergent dispenser and drain pump. No need to have many versions in your stock. Easy to install kits with easy accessibility to the components minimizing the installation risks.



COP-144

General characteristics

- Rinse booster pump that assures a perfect hygienic result with linear 85 °C full rinsing cycle (EFFI-RINSE).
- Model with electronic control.
- 440 mm hood opening.
- 55", 75" and 120" washing cycles.
- Continuous washing cycle, max. 10'
- 65 baskets/hour maximum theoretical production.
- 33 litre tank with 4.5 kW heating element.
- 10 litre boiler with 9 kW heating element.
- Washing pump, 600 W, that provides a large hydraulic flow.
- 2.4 litre water consumption per cycle.
- Alternate or simultaneous heating of tank and boiler.
- Rinse with thermostop system.
- Multivoltage feature allows the usage of the machine in both single phase and three phases installations.
- Total power installed: 9.6 kW (alternating) or 14.1 kW (simultaneous).
- Stainless steel filter trays in the tank.
- Magnetic security micro in hood opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| | MODEL COP-144 | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (KW) | DIMENSIONES (MM) | € |
|---|-------------------|-----|----------|--------------|------------------------|---------------|---------------------|---|
|  | COP-144 | 50 | 19047143 | MULTIVOLTAGE | A | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| | | 60 | 19057629 | MULTIVOLTAGE | | | | |
| | COP-144 B | 50 | 19053365 | MULTIVOLTAGE | A - B | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| | | 60 | 19058834 | MULTIVOLTAGE | | | | |
|  | COP-144 DD | 50 | 19053366 | MULTIVOLTAGE | A - DD | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| | | 60 | 19057707 | MULTIVOLTAGE | | | | |
|  | COP-144 B DD | 50 | 19053367 | MULTIVOLTAGE | A - B - DD | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| | | 60 | 19057709 | MULTIVOLTAGE | | | | |
| | MODEL COP-144 HRS | | | | | | | |
| | COP-144 HRS | 50 | 19058833 | MULTIVOLTAGE | HRS - A | 9,63 / 14,13 | 630 x 750 x 1.920 | - |
| | | 60 | 19058835 | MULTIVOLTAGE | | | | |
| | COP-144 HRS B DD | 50 | 19058617 | MULTIVOLTAGE | HRS - A - B - DD | 9,63 / 14,13 | 630 x 750 x 1.920 | - |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| HRS | Machine with heat recovery system - power 30 W Total high of the machine: 1.920 mm |
| A | Rinse pump - 130 W |
| DD | Built-in detergent doser |
| B | Built-in drain pump - power 95 W - drainage cycle |

Multivoltage / multipower

| MODELS | VOLTAGE | TOTAL POWER | CON-NECTION | TANK HEATING | BOILER HEATING |
|---------|-------------|-------------|-------------|--------------|----------------|
| COP-144 | 400 V / 3N~ | 9.6 kW | ALT | 4.5 kW | 9,0 kW |
| | 400 V / 3N~ | 14.1 kW | SIM | 4.5 kW | 9,0 kW |
| | 230 V / 1N | 5.1 kW | ALT | 2.3 kW | 4.5 kW |
| | 230 V / 1N | 6.6 kW | ALT | 3,0 kW | 6,0 kW |
| | 230 V / 1N | 9.6 kW | ALT | 4.5 kW | 9,0 kW |
| | 230 V / 1N | 7.4 kW | SIM | 2.3 kW | 4.5 kW |
| | 230 V / 1N | 9.6 kW | SIM | 3,0 kW | 6,0 kW |
| | 230 V / 3~ | 9.6 kW | ALT | 4.5 kW | 9,0 kW |
| | 230 V / 3~ | 14.1 kW | SIM | 4.5 kW | 9,0 kW |

Kit to transform the basic versions

| MODEL | CODE | DESCRIPTION | € |
|-------|----------|-----------------------------|---|
| DD | 19059327 | PERISTÁLTIC DETERGENT DOSER | - |
| B-CAP | 19059326 | KIT DRAIN PUMP HOOD TYPE | - |

Optional marine kit for ships

| MODEL | CODE | CHARACTERISTICS | € |
|----------------|----------|---------------------------|---|
| KIT MARINE CAP | 19036059 | Connection for ships 440V | - |

Hood-type | Concept



CO-142

EFFI
WASH

HRS

STAMPED
PHILOSOPHYMULTI
POWER

GN-1/1

KITS
PHILOSOPHYMULTI
VOLTAGETHERMO
STOP

01.

Effi-wash

Optimized hydraulic system provides a strong mechanical action combined with the optimum clean water in the tank, and the balanced power to keep the perfect hygienic temperature during the whole lifetime of the machine. And all that, assuring the promised productivity. A powerful system which assures one of the most important factors of the Sinner's cycle: mechanical action, saving high quantities of chemicals.

02.

Stamped philosophy

A fully new stainless steel body and structure made to resist and resist to the strongest usage of the market. An evolved generation with a new hood design, embedded wash tank and new basket guides. We bet for this philosophy because it reduces your running costs so that you will spend less time cleaning and increase machine's lifetime.

03.

Multipower

If you want to have the highest power to maximize machine's productivity, you can, just connect the machine easily. If you prefer a lower consumption, you can, make the proper connection. Several models in one machine. Easy installation and configuration.



CO-142

General characteristics

- Model with electronic control.
- 440 mm hood opening.
- 55", 75" and 120" washing cycles.
- Continuous washing cycle, max. 10'
- 65 baskets/hour maximum theoretical production.
- 33 litre tank with 4.5 kW heating element.
- 9 litre boiler with 9 kW heating element.
- Washing pump, 600 W, that provides a large hydraulic flow.
- 2.4 litre water consumption per cycle.
- Alternate or simultaneous heating of tank and boiler.
- Rinse with thermostop system. Standard factory setting disabled. Easy to enable.
- Multivoltage feature allows the usage of the machine in both single phase and three phases installations.
- Total power installed: 9,6 kW (alternating) or 14,1 kW (simultaneous).
- Stainless steel filter tray in the tank.
- Magnetic security micro in hood opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| | MODEL CO-142 | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONES (mm) | € |
|------------------|-----------------|-----|----------|--------------|---------------------|--------------|-------------------|---|
| | CO-142 | 50 | 19057786 | MULTIVOLTAGE | | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| | | 60 | 19058713 | MULTIVOLTAGE | | | | |
| | CO-142 B | 50 | 19057787 | MULTIVOLTAGE | B | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| | | 60 | 19058832 | MULTIVOLTAGE | | | | |
| | CO-142 DD | 50 | 19057788 | MULTIVOLTAGE | DD | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| | | 60 | 19057790 | MULTIVOLTAGE | | | | |
| | CO-142 B DD | 50 | 19057789 | MULTIVOLTAGE | B - DD | 9,6 / 14,10 | 630 x 750 x 1.465 | - |
| MODEL CO-142 HRS | | | | | | | | |
| | CO-142 HRS | 50 | 19058863 | MULTIVOLTAGE | HRS | 9,63 / 14,13 | 630 x 750 x 1.920 | - |
| | | 60 | 19058864 | MULTIVOLTAGE | | | | |
| | CO-142 HRS B DD | 50 | 19058733 | MULTIVOLTAGE | HRS - B - DD | 9,63 / 14,13 | 630 x 750 x 1.920 | - |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| HRS | Machine with heat recovery system - power 30 W Total high of the machine: 1.920 mm |
| DD | Built-in detergent doser |
| B | Built-in drain pump - power 95 W - drainage cycle |

Multivoltage / multipower

| MODELS | VOLTAGE | TOTAL POWER | CON- NECTION | TANK HEATING | BOILER HEATING |
|--------|-------------|-------------|-----------------|-----------------|-------------------|
| CO-142 | 400 V / 3N~ | 9.6 kW | ALT | 4.5 kW | 9,0 kW |
| | 400 V / 3N~ | 14.1 kW | SIM | 4.5 kW | 9,0 kW |
| | 230 V / 1N | 5.1 kW | ALT | 2.3 kW | 4.5 kW |
| | 230 V / 1N | 6.6 kW | ALT | 3,0 kW | 6,0 kW |
| | 230 V / 1N | 9.6 kW | ALT | 4.5 kW | 9,0 kW |
| | 230 V / 1N | 7.4 kW | SIM | 2.3 kW | 4.5 kW |
| | 230 V / 1N | 9.6 kW | SIM | 3,0 kW | 6,0 kW |
| | 230 V / 3~ | 9.6 kW | ALT | 4.5 kW | 9,0 kW |
| | 230 V / 3~ | 14.1 kW | SIM | 4.5 kW | 9,0 kW |

Kit to transform the basic versions

| | MODEL | CODE | DESCRIPTION | € |
|--|-------|----------|-----------------------------|---|
| | DD | 19059327 | PERISTALTIC DETERGENT DOSER | - |
| | B-CAP | 19059326 | KIT DRAIN PUMP HOOD TYPE | - |

Optional marine kit for ships

| MODEL | CODE | CHARACTERISTICS | € |
|-----------------|----------|---------------------------|---|
| KIT MARINE HOOD | 19036059 | Connection for ships 440V | - |

Hood-type | Concept



CO-110

EFFI
WASHSTAMPED
PHILOSOPHYMULTI
POWER

GN-1/1

KITS
PHILOSOPHYMULTI
VOLTAGETHERMO
STOP

01.

Effi-wash

Optimized hydraulic system provides a strong mechanical action combined with the optimum clean water in the tank, and the balanced power to keep the perfect hygienic temperature during the whole lifetime of the machine. And all that, assuring the promised productivity. A powerful system which assures one of the most important factors of the Sinner's cycle: mechanical action, saving high quantities of chemicals.

02.

Stamped philosophy

A fully new stainless steel body and structure made to resist and resist to the strongest usage of the market. An evolved generation with a new hood design, embedded wash tank and new basket guides. We bet for this philosophy because it reduces your running costs so that you will spend less time cleaning and increase machine's lifetime.

03.

Multipower

If you want to have the highest power to maximize machine's productivity, you can, just connect the machine easily from outside (i.e. 9 kW boiler). If you prefer a lower consumption, you can, make the proper connection (i.e. 3 kW boiler). Several models in one machine. Easy installation and configuration.



CO-110

General characteristics

- Mechanical - analogue control.
- 440 mm hood opening.
- 90", 120" and 180" washing cycles.
- Continuous washing cycle, max. 10'
- 40 baskets/hour maximum theoretical production.
- 33 litre tank with 4.5 kW heating element.
- 9 litre boiler with 6 kW heating element.
- Washing pump, 600 W, that provides a large hydraulic flow.
- 2.4 litre water consumption per cycle.
- Alternate or simultaneous heating of tank and boiler.
- Rinse with thermostop system. Standard factory setting disabled. Easy to enable.
- Multivoltage feature allows the usage of the machine in both single phase and three phases installations.
- Total power installed: 6.6 kW (alternating) or 11.1 kW (simultaneous).
- Stainless steel filter tray in the tank.
- Magnetic security micro in hood opening.
- Basket provision: 1 x CT-10 base basket, 1 x CP-16/18 plate basket and two cutlery containers.

| | MODEL CO-110 | HZ. | CODE | VOLTAGE | CHARACTERISTICS (#) | POWER (kW) | DIMENSIONS (mm) | € |
|------------------|-----------------|-----|----------|--------------|---------------------|--------------|-------------------|---|
| | CO-110 | 50 | 19047134 | MULTIVOLTAGE | - | 6,6 / 11,1 | 630 x 750 x 1.465 | - |
| | | 60 | 19057618 | MULTIVOLTAGE | | | | |
| | CO-110 B | 50 | 19053360 | MULTIVOLTAGE | B | 6,6 / 11,1 | 630 x 750 x 1.465 | - |
| | | 60 | 19057627 | MULTIVOLTAGE | | | | |
| | CO-110 DD | 50 | 19053361 | MULTIVOLTAGE | DD | 6,6 / 11,1 | 630 x 750 x 1.465 | - |
| | | 60 | 19058831 | MULTIVOLTAGE | | | | |
| | CO-110 B DD | 50 | 19053363 | MULTIVOLTAGE | B-DD | 6,6 / 11,1 | 630 x 750 x 1.465 | - |
| MODEL CO-110 HRS | | | | | | | | |
| | CO-110 HRS | 50 | 19058861 | MULTIVOLTAGE | HRS | 6,63 / 11,13 | 630 x 750 x 1.920 | - |
| | | 60 | 19058862 | MULTIVOLTAGE | | | | |
| | CO-110 HRS B DD | 50 | 19058730 | MULTIVOLTAGE | HRS - B - DD | 6,63 / 11,13 | 630 x 750 x 1.920 | - |

(#) Versions and characteristics

| VERSION | CHARACTERISTICS |
|---------|---|
| HRS | Machine with heat recovery system - power 30 W Total high of the machine: 1.920 mm |
| DD | Built-in detergent doser |
| B | Built-in drain pump - power 95 W - drainage cycle |

Kit to transform the basic versions

| MODEL | CODE | DESCRIPTION | € |
|-------|----------|-----------------------------|---|
| DD | 19059327 | PERISTÁLTIC DETERGENT DOSER | - |
| B-CAP | 19059326 | KIT DRAIN PUMP HOOD TYPE | - |

Multivoltage / multipower

| MODELS | VOLTAGE | TOTAL POWER | CON-NECTION | TANK HEATING | BOILER HEATING |
|--------|-------------|-------------|-------------|--------------|----------------|
| CO-110 | 400 V / 3N~ | 6.6 kW | ALT | 4.5 kW | 6,0 kW |
| | 400 V / 3N~ | 11.1 kW | SIM | 4.5 kW | 6,0 kW |
| | 230 V / 1N | 3.6 kW | ALT | 2.25 kW | 3,0 kW |
| | 230 V / 1N | 4.6 kW | ALT | 3,0 kW | 4,0 kW |
| | 230 V / 1N | 6.6 kW | ALT | 4.5 kW | 6,0 kW |
| | 230 V / 1N | 5.9 kW | SIM | 2.25 kW | 3,0 kW |
| | 230 V / 1N | 7.6 kW | SIM | 3,0 kW | 4,0 kW |
| | 230 V / 1N | 11,1 kW | SIM | 4.5 kW | 6,0 kW |
| | 230 V / 3~ | 6.6 kW | ALT | 4.5 kW | 6,0 kW |
| | 230 V / 3~ | 11,1 kW | SIM | 4.5 kW | 6,0 kW |

Optional marine kit for ships


| MODEL | CODE | CHARACTERISTICS | € |
|-----------------|----------|---------------------------|---|
| KIT MARINE HOOD | 19036059 | Connection for ships 440V | - |

Accessories for Hood-type

Manual water softeners

For hardness bigger than 5 HF / 3 HD.

Manual maintenance required.

| | CODE | DESCRIPTION | CAPACITY OF REGENERATION (*) | DIMENSIONS (MM) | € |
|---|----------|---------------------|--------------------------------------|-----------------|---|
|  | 19004620 | DESCALING KIT 8 L. | 700 litres between 2 regenerations | Ø 185x440 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

New

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.

General characteristics



- 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 ADVANCE AND CONCEPT PLUS MODELS

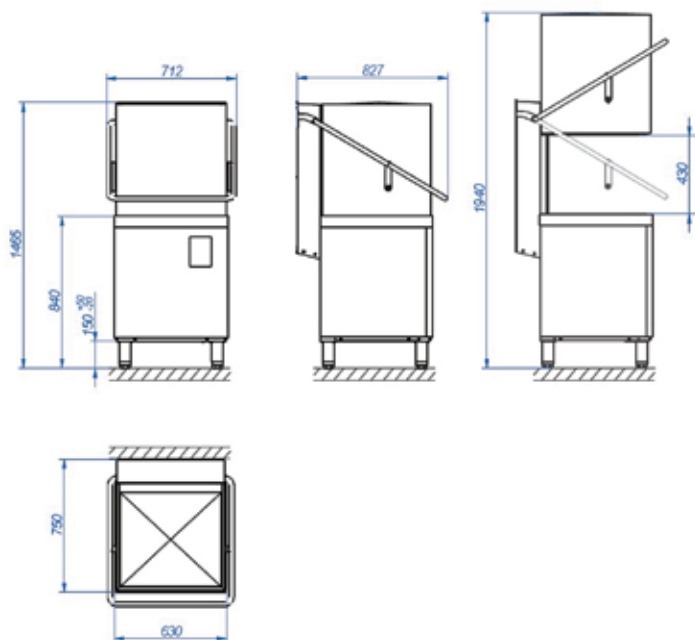
| MODEL | CODE | FLOW 15°C (L/H) | NUMBER OF MEMBRANES | VOLTAGE (V) | FREQUENCY (HZ) | POWER (KW) | DIMENSIONS (MM) | € |
|----------|----------|-----------------|---------------------|-------------|----------------|------------|-----------------|---|
| REVO-120 | 19076763 | 120 | 2 | 230 | 50 / 60 | 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 | - |

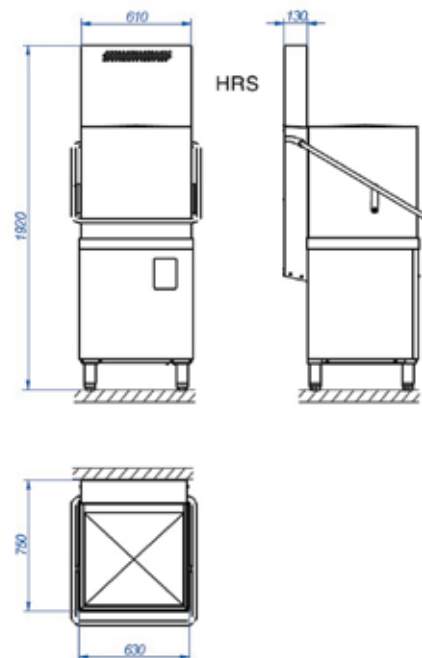


Hood-type | Schemes and dimensions

Standard dishwasher

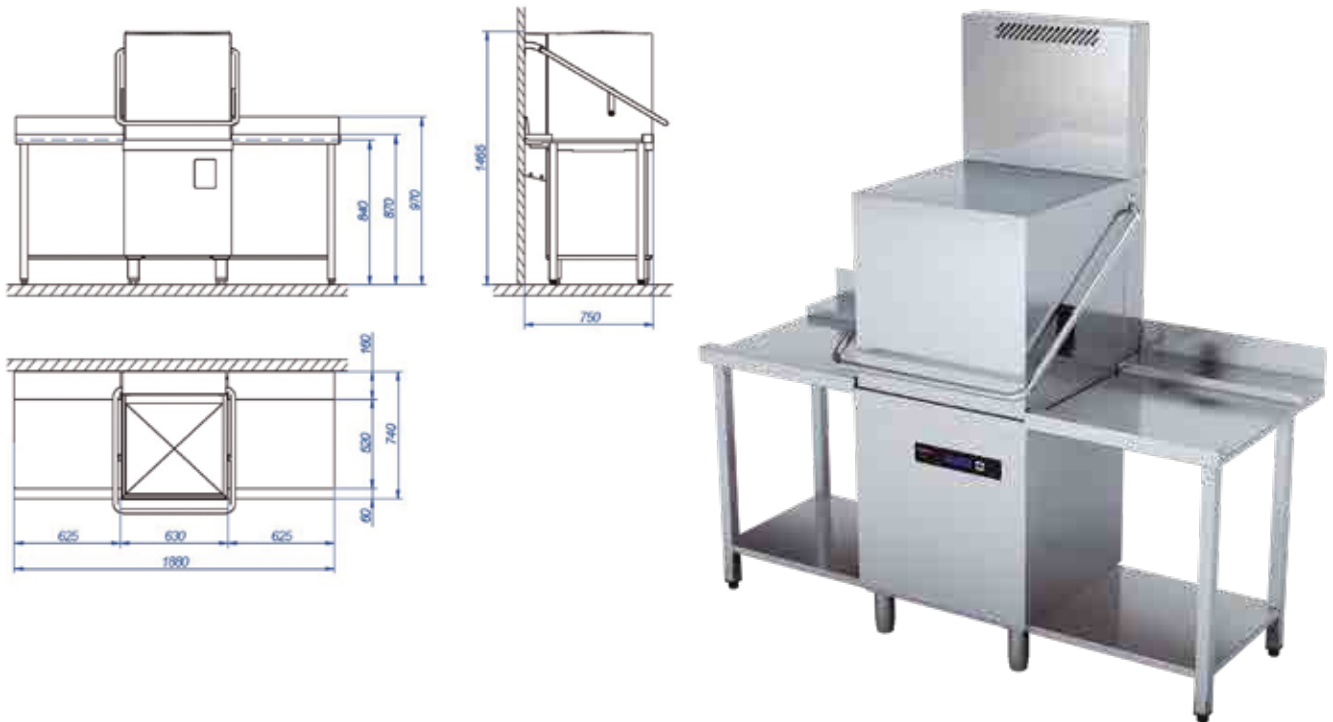


Dishwasher with hrs

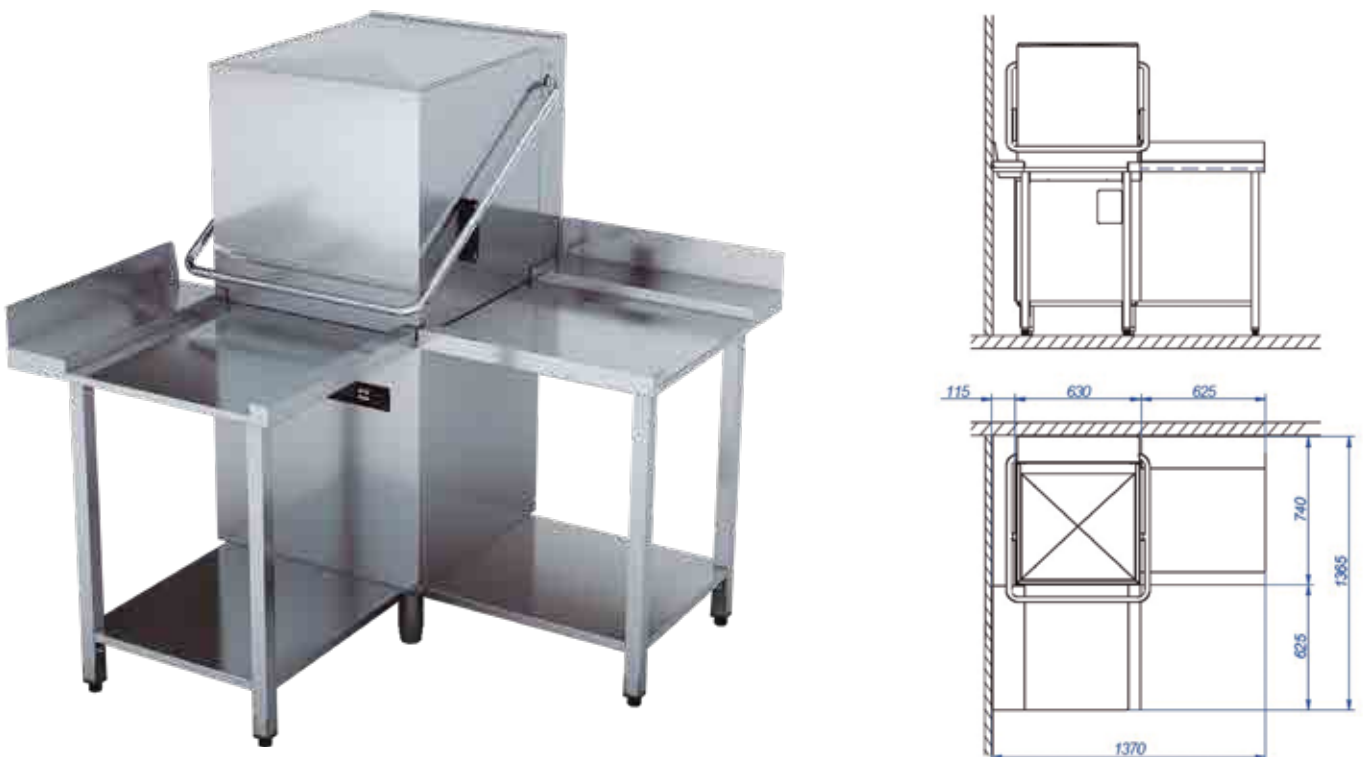


Schemes of different types of assembly

Linear assembly



Assembly in corner



Tables for hood type dishwashers



General characteristics





- Wide range of entry / exit and prewashing tables, to provide solutions for every need and space.
- Designed for 500 x 500 mm dishwashing baskets.
- Quick installation and easy connection to the dishwasher.
- No holes on the surface.

- Constructed in AISI-304 stainless steel (18/10). 40 x 40 mm square tubular legs in AISI-304 stainless, adjustable in height.
- Deep anti-drip profiles completely folded with lower edge for safe and easy cleaning.

Equipment:


- 100 mm splashback (P).
- Embedded bowl (F), fully integrated in the top.
- Bowl dimensions: 450 x 450 x 250 mm.
- Lower rack (E).
- Waste scraping hole with rubber ring (O).
- Shower kit (GD) for prewashing tables.

Entry / exit tables

| | MODEL | CODE | TO PLACE ON THE | EQUIPMENT (*) | DIMENSION (mm) | € |
|---|-----------------|----------|-----------------|---------------|----------------|---|
|  | MP-620-I | 19053197 | Left | P - E | 620x740x880 | - |
|  | MP-620-D | 19053199 | Right | P - E | 620x740x880 | - |
|  | MLP-1200-I E-VO | 19058358 | Left | P - E | 1.200x740x880 | - |
|  | MLP-1200-D E-VO | 19058359 | Right | P - E | 1.200x740x880 | - |

(*) E: Lower rack / P: Removable splashback

Union element for hood dishwashers

| | MODEL | CODE | DESCRIPTION | DIMENSION (mm) | € |
|---|--------|----------|---|----------------|---|
|  | MP-140 | 19061430 | Element for joining two hood dishwasher in series | 140x740x350 | - |

Prewashing tables


- Worktop 1,5 mm thick.

- Lower rack 1 mm thick

- Sink welded to the countertop


- Lower rack welded, not removable

- 4 welded legs, not removable

| | MODEL | CODE | TO PLACE ON THE | EQUIPMENT (*) | DIMENSION (mm) | € |
|--|-----------------|----------|-----------------|---------------|----------------|---|
|  | MF-700-I E-VO | 19059285 | Left | P - E - F | 700x740x880 | - |
|  | MF-700-D E-VO | 19059286 | Right | P - E - F | 700x740x880 | - |
|  | MF-1200-I E-VO | 19059287 | Left | P - E - F | 1.200x740x880 | - |
|  | MF-1200-D E-VO | 19059288 | Right | P - E - F | 1.200x740x880 | - |
|  | MFD-1200-I E-VO | 19059289 | Left | P - E - F - O | 1.200x740x880 | - |
|  | MFD-1200-D E-VO | 19059290 | Right | P - E - F - O | 1.200x740x880 | - |
|  | MFD-1500-I E-VO | 19059291 | Left | P - E - F - O | 1.500x740x880 | - |
|  | MFD-1500-D E-VO | 19059292 | Right | P - E - F - O | 1.500x740x880 | - |

(*): **E**: Lower rack / **P**: Splashback / **F**: Bowl / **O**: Waste scraping hole.

Shower kit for prewashing tables

| | MODEL | CODE | VALID FOR TABLES | € |
|---|-------|----------|--|---|
|  | GD2 E | 19002818 | MF-700 / MF-1200 / MFD-1200 / MFD-1500 | - |

Examples of assembly



AD-125 + MP-620-I + MP-620-D



CO-110 + MF-700-I + GD2 E + MLP-1200-D

CO-142 + CO+142 +
MLP-1200-I E-VO + MP-140 + MFD-1200-D E-VO
SERIES ASSEMBLY OF TWO HOOD DISHWASHER

| MODELO | CODE | DESCRIPTION | € |
|-----------------|----------|---|---|
| REPLACEMENT KIT | 19059308 | Kit of elements to adapt the old tables to a 2019 hood dishwasher | - |



Utensilwashers

| | |
|------------------------------------|-----|
| Utensilwashers LP Series | 250 |
| Utensilwashers LP-ECO Series | 250 |
| Accessories | 250 |

Water connection:
It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C.

Water pressure:
Minimum: 2 bar = 2 kg/cm²
Maximum: 4 bar = 4 kg/cm²

Water softener:
All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Any issues derived from a bad installation that don't meet with the indicated conditions will not be considered as a warranty.

Utensilwashers



General characteristics

LP SERIES

- LP Series for the cleaning of utensils and kitchen recipients.
- Made with double skinned of stainless steel 18/10 (AISI-304).
- Electronic control panel.
- Rotating wash and rinse arms.
- Wash temperature 55°C and rinse 80°C.
- Wash cycles: 2' - 4' - 6'.
- Continuous wash cycle up to 12'.

- Maximum theoretical productivity: 30 racks/hour.
- Thermostop system.
- Control of the rinse pressure.
- Built-in detergent dispenser and rinse dispenser.
- Electric connection: 400 V - III+N+E - 50 Hz.
- Thanks to the drain pump, the self-cleaning cycle is automatic.
- Rinsing pump that guarantees a perfect hygienic result and constant pressure control during the rinse.
- DD: Detergent dispensers and brightener included.
- B: Drain pump included.

LP-ECO SERIES

- Similar features, except:
- Do not include a built-in drain pump.
- Without control of rinse pressure.
- Without detergent dispenser.
- Without rinse dispenser.
- Without self cleaning cycle.
- Fixed cycles duration: 2' - 4' - 8'.

LP-130 B DD



LP-70 B DD



LP-63 B DD





LP-62 B DD



LP-61 B DD

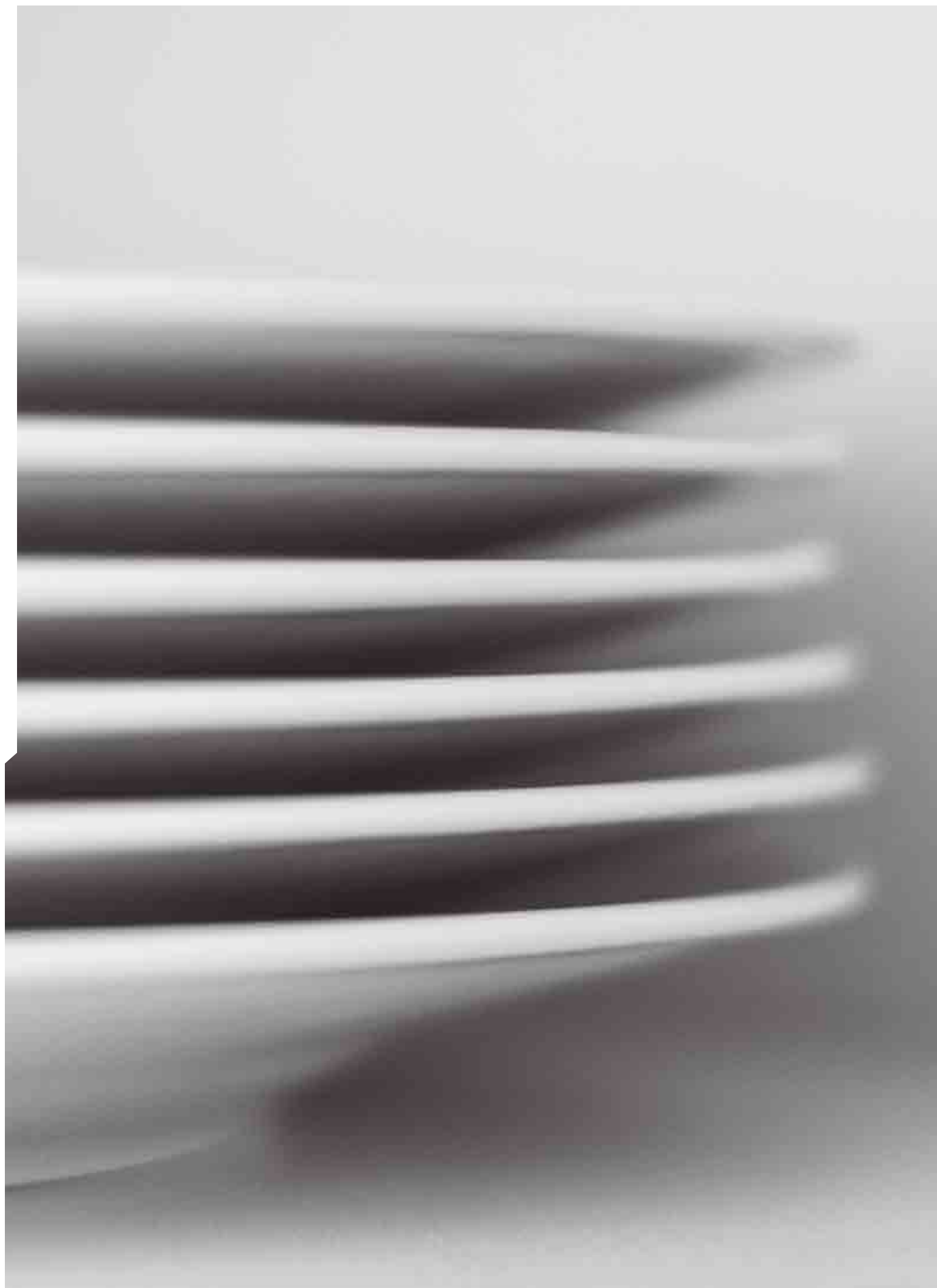


| MODEL | CODE | BASKET SIZE (MM) | USABLE HIGHT (MM) | TANK CAPACITY (L) | WATER CONSUMPTION (L/CYCLE) | POWER (KW) | DIMENSIONS (MM) | € |
|---|----------|------------------|-------------------|-------------------|-----------------------------|------------|-----------------|---|
| LP-SERIES | | | | | | | | |
| LP-61 B DD | 19076870 | 500x600 | 400 | 23 | 3 | 6,7 | 600x700x1.290 | - |
| LP-62 B DD | 19076872 | 550x610 | 650 | 37 | 3 | 7,5 | 720x780x1.730 | - |
| LP-62 B DD HRS | 19076873 | 550x610 | 650 | 37 | 3 | 7,5 | 720x780x1.960 | - |
|  LP-63 B DD | 19072567 | 550x610 | 850 | 37 | 3 | 7,5 | 720x780x1.930 | - |
| LP-63 B DD HRS | 19076875 | 550x610 | 850 | 37 | 3 | 7,5 | 720x780x2.160 | - |
| LP-70 B DD | 19075071 | 700x700 | 850 | 68 | 4 | 10,7 | 850x850x1.960 | - |
| LP-70 B DD HRS | 19076876 | 700x700 | 850 | 68 | 4 | 10,7 | 850x850x2.160 | - |
|  LP-130 B DD | 19074725 | 1.320x700 | 850 | 131 | 6 | 15,9 | 1.470x850x1.960 | - |
| LP-130 B DD HRS | 19076877 | 1.320x700 | 850 | 131 | 6 | 15,9 | 1.470x850x2.160 | - |
| LP-SERIES ECO | | | | | | | | |
| LP-61 DD ECO | 19003005 | 500x600 | 400 | 23 | 3 | 6,7 | 600x700x1.228 | - |
| LP-62 DD ECO | 19003006 | 550x610 | 650 | 37 | 3 | 7,5 | 719x782x1.727 | - |



Accessories for utensilwashers

| MODEL | CODE | DESCRIPTION | € |
|----------|----------|----------------------------------|---|
| CT-LP61B | 19023165 | Basket for LP-61 B | - |
| CT-LP62 | 19010251 | Basket for LP-62 and LP-63 H | - |
| CT-LP70 | 19010252 | Basket for LP-70 | - |
| CT-LP130 | 19011085 | Basket for LP-130 | - |
| SMP | 19010253 | Support for pastry dispenser | - |
| ARM8 | 19010254 | Frame support for 8 trays | - |
| CU150 | 19010255 | Cutlery container (150 x 150 mm) | - |



Rack conveyor

| | |
|---------------------------|-----|
| Compact dishwashers | 258 |
| Modular dishwashers..... | 262 |
| Entry - exit tables | 268 |

Water connection:
It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C.

Water pressure:
Minimum: 2 bar = 2 kg/cm²
Maximum: 4 bar = 4 kg/cm²

Water softener:
All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Any issues derived from a bad installation that don't meet with the indicated conditions will not be considered as a warranty.



Robust and reliable machines, with an increased output capacity.



In the world of the restaurant trade, high-production machines are often necessary. When the available surface area is limited, the best solution is to be found in compact conveyor dishwashers. When the requirements involve obtaining much greater productivity, and more space is available, modular dishwashers are the ideal machines for every need, thanks to their type of build.

At Fagor Industrial we are aware of all of this. With our compact and modular conveyor belt dishwashers from the Concept line, and with our input/output accessory parts, the customer is sure to find the solution that best meets their needs.



Robust & reliable machines, with more production capacity and an outstanding data in terms of energy efficiency.

The result of a process of total re-engineering, we offer a robust and reliable machine, with greater production capacity and unbeatable energy efficiency data (in terms of water and electricity use).

This new line offers the best value for money on the market. Aligned with the energy-saving philosophy of Fagor Industrial, we offer a unique solution among European manufacturers: gas dishwashers. By using a hot water boiler, the ECO models enable savings of up to 60% on your energy bill and a recovery of the extra charge compared to the electric version in around 3 years.



01.

Robustness and reliability



02.

Higher production capacity



03.

Energy efficiency



04.

Flexibility



05.

Guaranteed washing results

Rack conveyor | **Compact dishwashers**

With our Concept compact conveyor dishwashers, we offer the perfect solution for facilities in need of high productivity in a reduced space.

The models and versions available, by energy type used, by type of heating, and adapting to the temperature of the local water supply, allow you to choose the machine which best suits each need.



01.

Best value proposal

Due to a deep engineering redesign project, the so called new Concept line has become one of the best value-for-money proposals in the market. The result of these design improvements has been a really robust & reliable machine, with more production capacity and an outstanding data in terms of energy efficiency (water and electrical consumption). More production, less consumption at a competitive price.

02.

Flexibility

This new Concept line is also more flexible to adapt to customer needs:

- With the possibility to adjust 3 different speeds thanks to the newly integrated frequency inverter.
- With the availability of hot water and cold water models to choose depending on the customers water supply.
- Choice of connecting the machine electrically in different modes to adapt to the power supply in the customers site.

03.

The “eco range”, gas heated dishwashers, a unique proposal in the market

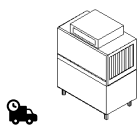


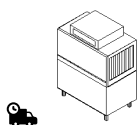


Fagor offers a unique solution among European manufacturers: GAS versions in dishwashing. With the usage of a Gas Water Booster, the so-called ECO models provide 60% cost savings in the utility bill as compared to the equivalent electric models. And the possibility to get a return on the investment of the dishwasher in a period of 3 years (depending on energy tariffs).

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.

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
- Limit switch included.

| | | 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-I-HW | 50 | 19048203 | L | >50° | 80 | 100 | 120 |  | 210 | 19.45 | 1,180 x 790 x 1,550 | - | | | | | | | | | | |
| | | 60 | 19048571 | | | | | | | | | | | | | | | | | | | | |
| | | CCO-120-D-HW | 50 | 19048204 | | | | | | | | | | R | LP + A | | | | | | | | |
| | | | 60 | 19048573 | | | | | | | | | | | | | | | | | | | |
| | CCO-120-I-CW | 50 | 19045325 | L | | | | | <50° | | | | | 80 | | 100 | 120 |  | 210 | 28.45 | 1,180 x 790 x 1,550 | - | |
| | | 60 | 19048217 | | | | | | | | | | | | | | | | | | | | |
| | | CCO-120-D-CW | 50 | 19046527 | | | | | | | | | | | R | | | | | | | | LP + A |
| | | | 60 | 19047158 | | | | | | | | | | | | | | | | | | | |
|  | CCO-160-I-HW | 50 | 19048233 | L | >50° | 100 | 130 | 160 |  | 240 | 22.45 | 1,180 x 790 x 1,550 | - | | | | | | | | | | |
| | | 60 | 19048576 | | | | | | | | | | | | | | | | | | | | |
| | | CCO-160-D-HW | 50 | 19048255 | | | | | | | | | | R | LP + A | | | | | | | | |
| | | | 60 | 19048579 | | | | | | | | | | | | | | | | | | | |
| | CCO-160-I-CW | 50 | 19048231 | L | | | | | <50° | | | | | 100 | | 130 | 160 |  | 240 | 31.45 | 1,180 x 790 x 1,550 | - | |
| | | 60 | 19048575 | | | | | | | | | | | | | | | | | | | | |
| | | CCO-160-D-CW | 50 | 19048254 | | | | | | | | | | | R | | | | | | | | LP + A |
| | | | 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.

A-ECO: Double ECO effect rinse.

Concept compact dishwasher "eco" version - gas heated



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 | PROGRAMS (BASKETS/H) | | | INTERNAL | WATER | ELECTRICAL | GAS | DIMENSIONS | € | | | | | | | | | | |
|------------|---------------|-----|----------|----------|--------|----------------------|-------------|--------------------|---------------|----------------------|---------------|---------------|---------------------|------|----|---------------------|---|--|--|--|--|--|--|--|
| | | | (#) | (*) | SUPPLY | DEEP | ME- DIUM | HIGH-CAPACI- TY | ZONES (**) | CONSUMPTION (L/H) | POWER (kW) | POWER (kW) | (mm) | | | | | | | | | | | |
| | CCO-120-I-ECO | 50 | 19046991 | L | <50° | 80 | 100 | 120 | | 210 | 10.7 | 48 | 1,180 x 790 x 1,550 | - | | | | | | | | | | |
| | | 60 | 19048572 | | | | | | | | | | | | | | | | | | | | | |
| | CCO-120-D-ECO | 50 | 19046990 | R | | | | | | | | | | | | | | | | | | | | |
| | | 60 | 19048574 | | | | | | | | | | | | | | | | | | | | | |
| LP + A-ECO | | | | | | | | | | | | | | | | | | | | | | | | |
| | CCO-160-I-ECO | 50 | 19048253 | L | | | | <50° | 100 | 130 | 160 | | 240 | 10.7 | 48 | 1,180 x 790 x 1,550 | - | | | | | | | |
| | | 60 | 19048577 | | | | | | | | | | | | | | | | | | | | | |
| | CCO-160-D-ECO | 50 | 19048256 | R | | | | | | | | | | | | | | | | | | | | |
| | | 60 | 19048580 | | | | | | | | | | | | | | | | | | | | | |
| LP + A-ECO | | | | | | | | | | | | | | | | | | | | | | | | |

(#) Note on codes

When placing your order, to the machine code, please add the generator code GWB-40, according to the type of gas and electrical frequency (see table on the following page), included in the price.

(*) Entry of baskets:

L: Entrance from the Left of the machine.

R: Entrance from the Right of the machine.

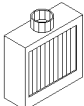
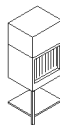
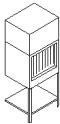
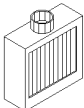
(**) Internal zones

■ LP: Main wash.

■ A-ECO: Double effect rinse.

Complementary modules for compact conveyor dishwashers

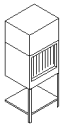
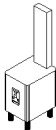
Options in-factory assembly on demand

| | MODEL | CODE | DESCRIPTION | POWER (KW) | DIMENSIONS (MM) | € |
|---|---------|----------|---|------------|-----------------|---|
|  | AS-260 | 19048568 | ANTI-SPLASH GUARD SUPPLEMENT (ENTER) With fitting for connection of fume extractor. With separator curtains. Includes extra anti-entrapment protection element. Fitted as standard at the entrance of modular dishwashers. Can also be fitted at the end of the tunnel. | - | L = 260 mm | - |
|  | CDT-600 | 19046516 | DRYING TUNNEL Specially for modular models 180 and 225. 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. | 9,55 | 600x790x1.930 | - |
|  | CRS-600 | 19048639 | CONVEYOR RECOVERY SYSTEM Recommended for models with cold water input (CW) 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 . Allows savings of up to 3 kW-h. 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. | 0,75 | 600x790x1.930 | - |
|  | ASE-260 | 19076633 | ANTI-SPLASH GUARD SUPPLEMENT (EXIT) With fitting for connection of fume extractor. With separator curtains. Includes extra anti-entrapment protection element. Fitted as standard at the entrance of modular dishwashers. Can also be fitted at the end of the tunnel. | - | L = 260 mm | - |

Transformations to other voltages

| VOLTAGE | CHARACTERISTICS | € |
|----------------------------------|--------------------------------------|---|
| Supplement for MARINE version | Connection for ships (440 V - 60 Hz) | - |
| Supplement for 230 V 3 ~ version | 230 V 3 ~ | - |

Kits and accessories for manufactured machines

| | MODEL | CODE | DESCRIPTION | POWER (KW) | DIMENSIONS (MM) | € |
|---|---------|--|---|------------|-----------------|---|
|  | CDT-600 | 19056095 | DRYING TUNNEL Specially for modular models 180 and 225. 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. | 9,55 | 600x790x1.930 | - |
|  | GWB-40 | LPG 50 Hz - 19011596 LPG 60 Hz - 19044808 GN 50 Hz - 19038585 GN 60 Hz - 19044809 | GAS HOT WATER GENERATOR Forced draught burner and double safety valve. Electronic control of temperature and water levels. Automatic limescale removal. Automatic tank emptying. | 40,00 | 432x548x770 | - |

Rack conveyor | **Modular dishwashers**

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

In this way, the most suitable machine for the production required for each facility can be chosen, depending on the characteristics of the premises.



01.

Best value proposal

Due to a deep engineering redesign project, the so called new Concept line has become one of the best value-for-money proposals in the market. The result of these design improvements has been a really robust & reliable machine, with more production capacity and an outstanding data in terms of energy efficiency (water and electrical consumption). More production, less consumption at a competitive price.

02.

Flexibility

This new Concept line is also more flexible to adapt to customer needs:

- With the possibility to adjust 3 different speeds thanks to the newly integrated frequency inverter.
- With the availability of hot water and cold water models to choose depending on the customers water supply.
- Choice of connecting the machine electrically in different modes to adapt to the power supply in the customers site.

03.

The “eco range”, gas heated dishwashers, a unique proposal in the market

Fagor offers a unique solution among European manufacturers: GAS versions in dishwashing. With the usage of a Gas Water Booster, the so-called ECO models provide 60% cost savings in the utility bill as compared to the equivalent electric models. And the possibility to get a return on the investment of the dishwasher in a period of 3 years (depending on energy tariffs).

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.
- Rinse and pre-rinse, both double effect, in models 180, 225 and 270.
- Double-effect rinse and triple-effect pre-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.

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

Limit switch included.

| MODEL | HZ. | CODE | ENTRANCE | WATER | PROGRAMS (BASKETS/H) | | | MODULES | WATER | ELECTRICAL | DIMENSIONS | € |
|--------------|-----|----------|----------|--------|----------------------|--------|---------------|-----------------------|-------------------|------------|---------------------|---|
| | | | (*) | SUPPLY | INTENSIF | MEDIUM | HIGH-CAPACITY | CONSUMPTION (**) | CONSUMPTION (L/H) | POWER (KW) | (MM) | |
| CCO-180-I-HW | 50 | 19048582 | L | | | | | | | | | |
| | 60 | 19048583 | | | | | | | | | | |
| CCO-180-D-HW | 50 | 19048587 | R | >50° | 90 | 135 | 180 | → | 210 | 25.7 | 1,750 x 790 x 1,550 | - |
| | 60 | 19048588 | | | | | | AS-260 + LP + DA | | | | |
| CCO-180-I-CW | 50 | 19047209 | L | | | | | | | | | |
| | 60 | 19048581 | | | | | | | | | | |
| CCO-180-D-CW | 50 | 19047164 | R | <50° | 90 | 135 | 180 | → | 210 | 34.7 | 1,750 x 790 x 1,550 | - |
| | 60 | 19051473 | | | | | | AS-260 + LP + DA | | | | |
| CCO-225-I-HW | 50 | 19048595 | L | | | | | | | | | |
| | 60 | 19048596 | | | | | | | | | | |
| CCO-225-D-HW | 50 | 19048212 | R | >50° | 125 | 175 | 225 | → | 210 | 35.9 | 2,360 x 790 x 1,550 | - |
| | 60 | 19048600 | | | | | | AS-260 + PL3+LP+DA | | | | |
| CCO-225-I-CW | 50 | 19048119 | L | | | | | | | | | |
| | 60 | 19048594 | | | | | | | | | | |
| CCO-225-D-CW | 50 | 19048120 | R | <50° | 125 | 175 | 225 | → | 210 | 44.9 | 2,360 x 790 x 1,550 | - |
| | 60 | 19048599 | | | | | | AS-260 + PL3+LP+DA | | | | |
| CCO-270-I-HW | 50 | 19048608 | L | | | | | | | | | |
| | 60 | 19048609 | | | | | | | | | | |
| CCO-270-D-HW | 50 | 19048614 | R | >50° | 140 | 205 | 270 | → | 240 | 39.9 | 2,660 x 790 x 1,550 | - |
| | 60 | 19048615 | | | | | | AS-260 + PL5+LP + DA | | | | |
| CCO-270-I-CW | 50 | 19048606 | L | | | | | | | | | |
| | 60 | 19048607 | | | | | | | | | | |
| CCO-270-D-CW | 50 | 19048612 | R | <50° | 140 | 205 | 270 | → | 240 | 48.9 | 2,660 x 790 x 1,550 | - |
| | 60 | 19048613 | | | | | | AS-260 + PL5+LP + DA | | | | |
| CCO-320-I-HW | 50 | 19048621 | L | | | | | | | | | |
| | 60 | 19048622 | | | | | | | | | | |
| CCO-320-D-HW | 50 | 19048630 | R | >50° | 170 | 245 | 320 | → | 240 | 47.1 | 3,260 x 790 x 1,550 | - |
| | 60 | 19048631 | | | | | | AS-260 + PL3+L5+LP+TA | | | | |
| CCO-320-I-CW | 50 | 19048618 | L | | | | | | | | | |
| | 60 | 19048620 | | | | | | | | | | |
| CCO-320-D-CW | 50 | 19048627 | R | <50° | 170 | 245 | 320 | → | 240 | 56.1 | 3,260 x 790 x 1,550 | - |
| | 60 | 19048628 | | | | | | AS-260 + PL3+L5+LP+TA | | | | |

(*) 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 modular dishwashers "eco" version - gas heated



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 CONSUMPTION (#) | WATER CONSUMPTION (L/H) | ELECTRICAL POWER (KW) | GAS POWER (KW) | DIMENSIONS (MM) | € | |
|---------------|-----|----------|----------------|----------------------|----------|--------|-------------------------|---|-----------------------|----------------|-----------------|---------------------|---------------|
| | | | | RED | INTENSIF | MEDIUM | | | | | | | HIGH-CAPACITY |
| CCO-180-I-ECO | 50 | 19048584 | L | <50° | 90 | 135 | 180 |  | 210 | 19,7 | 48 | 1.750 x 790 x 1.550 | - |
| ECO | 60 | 19048586 | | | | | | | | | | | |
| CCO-180-D-ECO | 50 | 19048591 | R | | | | | AS-260 + LP + DA-ECO | | | | | GWB-40 |
| ECO | 60 | 19048593 | | | | | | | | | | | |
| CCO-225-I-ECO | 50 | 19048597 | L | <50° | 125 | 175 | 225 |  | 210 | 20,9 | 48 | 2.360 x 790 x 1.550 | - |
| ECO | 60 | 19048598 | | | | | | | | | | | |
| CCO-225-D-ECO | 50 | 19048602 | R | | | | | AS-260+PL3+LP+DA-ECO | | | | | GWB-40 |
| ECO | 60 | 19048603 | | | | | | | | | | | |
| CCO-270-I-ECO | 50 | 19048610 | L | <50° | 140 | 205 | 270 |  | 240 | 21,9 | 48 | 2.660 x 790 x 1.550 | - |
| ECO | 60 | 19048611 | | | | | | | | | | | |
| CCO-270-D-ECO | 50 | 19048616 | R | | | | | AS-260 + PL5+LP +DA-ECO | | | | | GWB-40 |
| ECO | 60 | 19048617 | | | | | | | | | | | |
| CCO-320-I-ECO | 50 | 19048624 | L | <50° | 170 | 245 | 320 |  | 240 | 29,1 | 48 | 3.260 x 790 x 1.550 | - |
| ECO | 60 | 19048626 | | | | | | | | | | | |
| CCO-320-D-ECO | 50 | 19048633 | R | | | | | AS-260 + PL3+L5+LP+TA-ECO | | | | | GWB-40 |
| ECO | 60 | 19048636 | | | | | | | | | | | |

(#) Note on codes








When placing your order, to the machine code, please add the generator code GWB-40, according to the type of gas and electrical frequency (see table on the following page), included in the price.

(*) Entry of baskets:

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

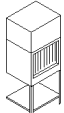
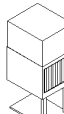
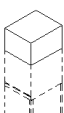

(**) COMPOSITION OF MODULES

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

Complementary modules for modular conveyor dishwashers

Options in-factory assembly on demand

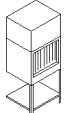
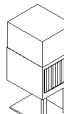
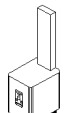
| MODEL | CODE | DESCRIPTION | POWER (KW) | DIMENSIONS (MM) | € |
|---|-------------------------------|---|------------|-----------------|---|
|  | CDT-600 | 19046516 | 9,55 | 600x790x1.930 | - |
| | | DRYING TUNNEL Specially for modular models 180 and 225. Supplementary element with 9 kW heating element 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. | | | |
|  | CDT-800 | 19047215 | 14,6 | 800x790x1.930 | - |
| | | EXTRA DRYING TUNNEL Specially for modular models 270 and 320. 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. | | | |
|  | (#) CRS-700-I CRS-700-D | 19056031 19048641 | 0,55 | 600x790x500 | - |
| | | UPPER ENERGY RECYCLER Recommended for models with cold water input (CW). 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. Allows savings of up to 3 kW-h. Fitted into the top of the dishwasher. Does not increase length. 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. | | | |
|  | ASE-260 | 19076633 | - | L = 260 mm | - |
| | | ANTI-SPLASH GUARD SUPPLEMENT (EXIT) With fitting for connection of fume extractor. With separator curtains. Includes extra anti-entrapment protection element. Fitted as standard at the entrance of modular dishwashers. Can also be fitted at the end of the tunnel. | | | |

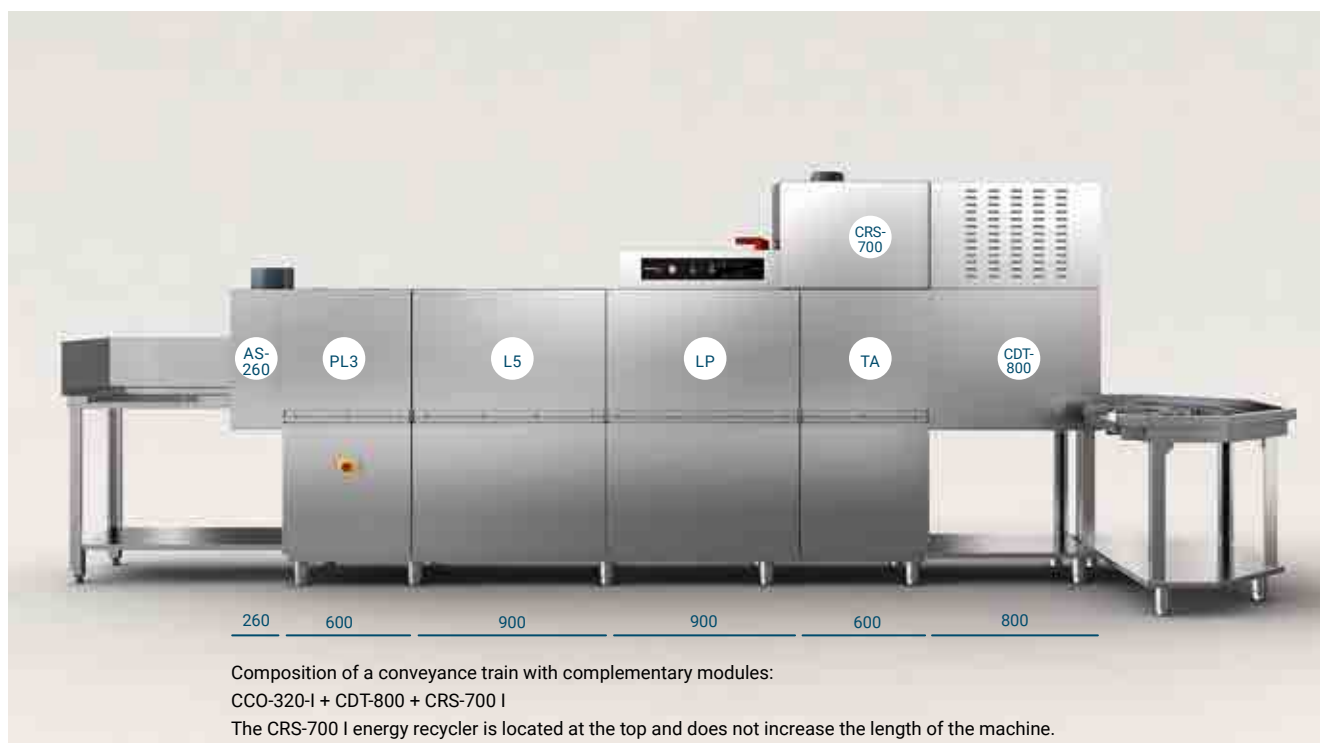
(*) Entry of baskets:
L: Entrance from the Left of the machine.
R: Entrance from the Right of the machine.

Transformations to other voltages

| VOLTAGE | CHARACTERISTICS | € |
|----------------------------------|--------------------------------------|---|
| Supplement for MARINE version | Connection for ships (440 V - 60 Hz) | - |
| Supplement for 230 V 3 ~ version | 230 V 3 ~ | - |

Kits and accessories for manufactured machines

| MODEL | CODE | DESCRIPTION | POWER (KW) | DIMENSIONS (MM) | € |
|---|---------|---|------------|-----------------|---|
|  | CDT-600 | 19056095 | 9,55 | 600x790x1.930 | - |
| | | DRYING TUNNEL Specially for modular models 180 and 225. 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. | | | |
|  | CDT-800 | 19056098 | 14,6 | 800x790x1.930 | - |
| | | EXTRA DRYING TUNNEL Specially for modular models 270 and 320. 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. | | | |
|  | GWB-40 | LPG 50 Hz - 19011596 LPG 60 Hz - 19044808 GN 50 Hz - 19038585 GN 60 Hz - 19044809 | 40,00 | 432x548x770 | - |
| | | GAS HOT WATER GENERATOR Forced draught burner and double safety valve. Electronic control of temperature and water levels. Automatic limescale removal. Automatic tank emptying. | | | |



Summary of characteristics of the different modules

Table of modules which can form part of the composition of the modular conveyance trains.

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

| MODULE | | 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 | AS-260 | • | • | • | • | • | • |

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 extra 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 kWh).

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) | 38 | 38 | 38 | 38 | 38 | 38 |
| WIDTH (mm) | 1180 | 1180 | 1750 | 2360 | 2660 | 3260 |
| Standard | 1180 | 1180 | 1500 | 2100 | 2400 | 3000 |
| With entrance module | 1440 | 1440 | 1760 | 2360 | 2660 | 3260 |
| With drying module | 1780 | 1780 | 2100 | 2700 | 3200 | 3800 |
| DEPTH (mm) | 790 | 790 | 790 | 790 | 790 | 790 |
| HEIGHT (mm) 3 | 1550 | 1550 | 1550 | 1550 | 1550 | 1550 |
| Standard | 1550-1610 | 1550-1610 | 1550-1610 | 1550-1610 | 1550-1610 | 1550-1610 |
| With drying | 1860-1920 | 1860-1920 | 1860-1920 | 1860-1920 | 1860-1920 | 1860-1920 |
| With recycler | 1960-2020 | 1960-2020 | 1960-2020 | 1960-2020 | 1960-2020 | 1960-2020 |
| With open door blocking system | 1870-1930 | 1870-1930 | 1870-1930 | 1870-1930 | 1870-1930 | 1870-1930 |
| 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° of hot water | 50 °C - 60 °C | | | | | |
| T° 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 Industrial

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









Pre washing tables



MFDB-1200 LM-D, model, with sink and shower tap

General characteristics

- Manufactured for the compact and modular conveyor dishwashers.



| | MODEL | CODE | SITUATION OF THE TABLE | EQUIPMENT FEATURES | DIMENSIONS (MM) | € |
|---|-------------------|----------|------------------------|--|-----------------|---|
|  | MLB-1200 LM-D | 19006097 | R | - Rear guard - Lower rack - Guides for baskets | 1.200x800x900 | - |
|  | MLB-1200 LM-I | 19006096 | L | | | |
|  | MLB-1200 ECO/LM-D | 19006099 | R | - Rear guard - Lower rack - Guides for baskets - Hole for chimney | 1.200x800x900 | - |
|  | MLB-1200 ECO/LM-I | 19006098 | L | | | |
|  | MFDB-1200 LM-D | 19006104 | R | - Rear guard - Sink - Shower tap - Lower rack - Guides for baskets | 1.200x800x900 | - |
|  | MFDB-1200 LM-I | 19006105 | L | | | |
|  | MFDB-1500 LM-D | 19006404 | R | - Rear guard - Sink - Shower tap - Lower rack - Guides for baskets | 1.500x800x900 | - |
|  | MFDB-1500 LM-I | 19006405 | L | | | |

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 | 1.600x800x1.450 | - |
|  | MD4C | 19006509 | 2.030x600 | 4 | 2.100x800x1.450 | - |

Delivery / sorting tables



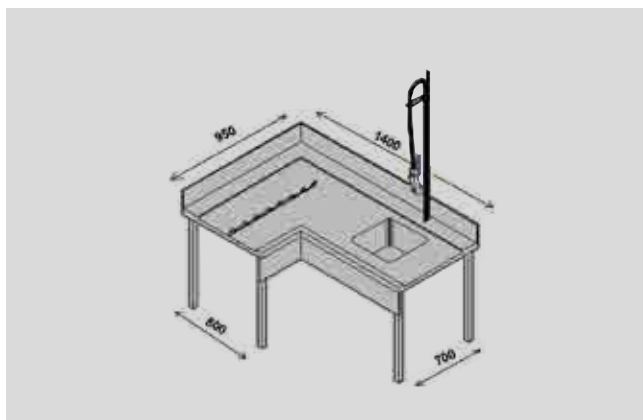
MFDH-1800 LM-I, model, with sink, shower tap, waste disposal, rear guard and guides for baskets

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.

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

Prewashing table with introductor of baskets in corner



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 introductor side: 950 mm - Depth: 800 mm.

| | MODEL | CODE | SITUATION OF THE TABLE | EQUIPMENT FEATURES | DIMENSIONS (MM) | € |
|--|-------------|----------|------------------------|---|-----------------|---|
| | MCFD-1000 D | 19006350 | R | <ul style="list-style-type: none"> - Rear guard - Sink - Shower tap - Introductor | 1.400x950x900 | - |
| | MCFD-1000 I | 19006351 | L | | | |

Introductors of baskets in corner



General characteristics

- Element to introduce the baskets in the machine.
- Movement by the advancement system of the conveyor.
- Lower shelf.

| | MODEL | CODE | DESCRIPTION | DIMENSIONS (MM) | € |
|--|-----------|----------|---|--------------------|---|
| | E-90-I | 19004789 | INTRODUCTOR OF BASKETS BY THE LEFT SIDE For conveyors WITH neutral element at the entry. | 800x700x850 (+250) | - |
| | E-90-I-CV | 19004792 | INTRODUCTOR OF BASKETS BY THE LEFT SIDE For conveyors WITHOUT neutral element at the entry. For conveyors WITH STEAM CONDENSER at the entry. | 800x700x850 (+250) | - |
| | E-90-D | 19004790 | INTRODUCTOR OF BASKETS BY THE RIGHT SIDE For conveyors WITH neutral element at the entry. | 800x700x850 (+250) | - |
| | E-90-D-CV | 19004791 | INTRODUCTOR OF BASKETS BY THE RIGHT SIDE For conveyors WITHOUT neutral element at the entry. For conveyors WITH STEAM CONDENSER at the entry. | 800x700x850 (+250) | - |

Automatized curves



General characteristics

- Automatic movement with the conveyor exit system.

| | MODEL | CODE | INSTALLATION EXIT | DESCRIPTION | DIMENSIONS (MM) | € |
|--|----------|----------|----------------------|--|--------------------|---|
| | 180-I-TS | 19004788 | L | AUTOMATIZED CURVE 180° AT LEFT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also. | 778x1.442x900 | - |
| | 180-I | 19004786 | L | AUTOMATIZED CURVE 180° AT LEFT For models with neutral supplement on the exit. | 778x1.442x900 | - |
| | 180-D-TS | 19004797 | R | AUTOMATIZED CURVE 180° AT RIGHT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also | 778x1.442x900 | - |
| | 180-D | 19004787 | R | AUTOMATIZED CURVE 180° AT RIGHT For models with neutral supplement on the exit. | 778x1.442x900 | - |
| | 90-I-TS | 19004795 | L | AUTOMATIZED CURVE 90° AT LEFT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also | 778x778x900 | - |
| | 90-I | 19004794 | L | AUTOMATIZED CURVE 90° AT LEFT For models with neutral supplement on the exit. | 778x778x900 | - |
| | 90-D-TS | 19004796 | R | AUTOMATIZED CURVE 90° AT RIGHT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also | 778x778x900 | - |
| | 90-D | 19004793 | R | AUTOMATIZED CURVE 90° AT RIGHT For models with neutral supplement on the exit. | 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.

| | MODEL | CODE | DESCRIPTION | CAPACITY (BASKETS) | DIMENSIONS (MM) | € |
|--|-------|----------|---------------|-----------------------|--------------------|---|
| | MR2C | 19004901 | Rolling table | 2 | 1.150x630x870 | - |
| | MR3C | 19005073 | Rolling table | 3 | 1.660x630x870 | - |
| | MR4C | 19004902 | Rolling table | 4 | 2.170x630x870 | - |



Flight type dishwashers

| | |
|--|-----|
| Flight type dishwashers | 276 |
| Available belts | 280 |
| Modular elements and accessories | 281 |

Water connection:

It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C.

Water pressure:

Minimum: 2 bar = 2 kg/cm²

Maximum: 4 bar = 4 kg/cm²

Water softener:

All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Any issues derived from a bad installation that don't meet with the indicated conditions will not be considered as a warranty.



**A high performance
solution.**

New



Sometimes, to learn how to do something well, you need to listen to the best. And, in this case, the best is our new Concept range of flight type dishwashers. The result of a process of complete reengineering, the machines of this range are an example of robustness, reliability and flexibility.

Furthermore, they present a high production capacity and unbeatable energy savings in terms of water and energy use. And, if that wasn't enough, this new range offers the best value for money on the market. This really is professional washing. This is how things are done.

Electric flight dishwashers



01.

The perfect result: an ideal drying

Air is sucked in, which is later sent to turbines that heats it through resistance up to 50-60 °C.

To achieve the perfect drying results, even in the most complicated of cases, there is the possibility of adding consecutive drying.

02.

You won't waste any energy

The energy recovery system sucks out the steam generated inside the tunnel. The heat from this steam is directed to the heat recovery system where it can be reused. Thanks to the heat exchanger, the heat generated by the vapour which is used to increase the water temperature is later sent to the reboiler.

03.

We adapt to your speed

The adaptive rinsing system is both energy-efficient and homogenous. The amount of water used in the rinsing adapts to each speed: the lower the speed, the less water needed, since the amount of contact time between the dish and the water increases.

General characteristics

- Manufactured in stainless steel. Double wall.
- Machines made of different modules according to models and needs.
- Entry tunnel 630 x 440 mm.
- Splash-guard modules at entry DE SERIES.
- Loading section (1.2 m) and unloading section (2.2 m), 900 mm high, with standard 600 mm-wide belt for dishes and trays.
- High-power, standard drier with possibility of adding up to 2 EXTRA standard driers.
- Adaptive final-rinse system with rinse pump with break tank that ensures low, consistent use, adapts to all speeds.
- Break tank for water inlet in the boiler at a constant pressure. Inlet solenoid valve with filter for break tank.
- Double-effect rinse module with pre-rinse tank and water boiler.
- Automatic detection of dishes using photocell sensor.
- Steam extraction system to prevent steam from leaving. Adjustable.
- Automatic water-renewal system for prewash. ONLY IN MODULES ABOVE FCO-W4.
- Double curtains at the entry and exit, and

- to divide the different inner areas.
- Stop/start switches at the entry and exit.
- Prewashing and washing arms made of stainless steel which can be detached for cleaning.
- Triple filtration in the washing modules.
- Embedded tank bottom to guarantee complete emptying and enable cleaning.
- Standard energy recovery system. Reduction of 9kWh.
- Automatic pre-heating system.
- Triple-effect prewash system. Quadruple-effect prewash in FCO-P2W4 and FCO-P3W4 models.
- Double-effect rinse module with pre-rinse tank and boiler to heat water.
- Electronic temperature control of water for wash, prewash and rinse.
- Safety thermostat.
- 3 production programmes. It fulfils DIN 10534 standard (progr. 1)
- ANTI-BLOCK system with belt reversal.
- Detection of belt end with stop and auto-start.
- Doors with sensors to stop machine.
- Micro magnets for door opening and safety.
- 0.25 kW moto-reducer controlled by frequency

converter.

- Stop/start switches at the entry and exit.
- Standard provision of baskets: 2 x CT-10, 2 x CV -16/105 and 1 basket for cutlery.


BELTS AVAILABLE:

The machine must be ordered with one of these three types of belts:

- For plates and dish baskets
- For kitchenware (pots, containers and trays)
- For isothermal trays

The order must also include the dishwasher machine code and the belt code (on the following pages).

THE MACHINE PRICE DOES NOT INCLUDE THE BELT

| MODEL | HZ. | CODE | MAX. PRODUCTION (PLATOS/HORA) | ENTRY | MODULE COMPOSITION (*) | WATER (L/H) | ELECTRIC POWER (KW) | DIMMENSIONS (MM) | € |
|---------------|-----|----------|-------------------------------|-------|--|-------------|---------------------|------------------|---|
| FCO-W4-RD R | 50 | 19073687 | 3100 | R |  W+4+RD | 190-230 | 53,8 | 4988x900x2070 | - |
| FCO-W4-RD L | 50 | 19075203 | 3100 | L |  W+4+RD | 190-230 | 53,8 | 4988x900x2070 | - |
| FCO-PW4-RD R | 50 | 19068360 | 4600 | R |  P+W+4+RD | 190-230 | 53,4 | 5890x900x2070 | - |
| FCO-PW4-RD L | 50 | 19068366 | 4600 | L |  P+W+4+RD | 190-230 | 53,4 | 5890x900x2070 | - |
| FCO-P2W4-RD R | 50 | 19074752 | 6600 | R |  P+2W+4+RD | 220-270 | 68 | 6792x900x2070 | - |
| FCO-P2W4-RD L | 50 | 19073649 | 6600 | L |  P+2W+4+RD | 220-270 | 68 | 6792x900x2070 | - |
| FCO-P3W4-RD R | 50 | 19075204 | 8600 | R |  P+3W+4+RD | 220-270 | 82,6 | 7692x900x2070 | - |
| FCO-P3W4-RD L | 50 | 19075119 | 8600 | L |  P+3W+4+RD | 220-270 | 82,6 | 7692x900x2070 | - |

Circulation of baskets:

L: Entry through the left part of the machine.
R: Entry through the right part of the machine.

Standard voltage: 400V 3N~



E Loading area
A Splash guard
P Prewash: cold-water prewash module
W Wash: main wash module at 65°C



4 Rinse: gradual rinse module with rinse pump
4G Rinse: gradual rinse module with rinse pump and incorporated gas generator
D Drying: high-power drier module
R Energy recovery system

Gas heated flight dishwashers



01.

Your comfort is our goal

The steam extraction system 0-STEAM reverts steam from escaping the machine, guaranteeing an ideal climate in the work environment. During the entire activity, the washing tunnel recovers heat generated as steam saving unnecessary expenses.

02.

Ready, set, go!

The photocell located at the machine entrance detects dishes and starts up the machine. At the machine exit, there is also a detector to stop the belt from continuing when it reaches the end.

03.

Because we believe in a sustainable world

In accordance with the energy saving philosophy of Fagor Industrial, we offer a solution which is unique among European manufacturers: gas dishwashers. In the case of rack type dishwashers, by using a gas generator in the ECO models and, in the case of flight type dishwashers, with gas models with an integrated generator.

General characteristics

- Manufactured in stainless steel. Double wall.
- Machines made of different modules according to models and needs.
- Entry tunnel 630 x 440 mm.
- Splash-guard modules at entry DE SERIES.
- Loading section (1.2 m) and unloading section (2.2 m), 900 mm high, with standard 600 mm- wide belt for dishes and trays.
- High-power, standard drier with possibility of adding up to 2 EXTRA standard driers.
- Adaptive final-rinse system with rinse pump with break tank that ensures low, consistent use, adapts to all speeds.
- Gas generator incorporated to produce hot water.
- Inlet solenoid valve with filter for gas generator.
- Heating coil in the main wash module that considerably reduces electricity use.
- Double-effect rinse module with pre-rinse tank and gas generator to heat water.
- Automatic detection of dishes using photocell sensor.
- Steam extraction system to prevent steam from leaving. Adjustable.
- Automatic water-renewal system for prewash.

ONLY IN MODULES ABOVE FCO-W4.

- Double curtains at the entry and exit, and to divide the different inner areas.
- Stop/start switches at the entry and exit.
- Prewashing and washing arms made of stainless steel which can be detached for cleaning.
- Triple filtration in the washing modules.
- Embedded tank bottom to guarantee complete emptying and enable cleaning.
- Standard energy recovery system. Reduction of 9kWh.
- Automatic pre-heating system.
- Triple-effect prewash system. Quadruple-effect prewash in FCO-P2W4 and FCO-P3W4 models.
- Double-effect rinse module with pre-rinse tank and boiler to heat water.
- Electronic temperature control of water.
- ANTI-BLOCK system with belt reversal.
- Detection of belt end with stop and auto-start.
- Doors with sensors to stop machine.
- Micro magnets for door opening and safety.
- 0.25 kW moto-reducer controlled by frequency converter.
- Stop/start switches at the entry and exit.

- Standard provision of baskets: 2 x CT-10, 2 x CV -16/105 and 1 basket for cutlery.

BELTS AVAILABLE:

The machine must be ordered with one of these three types of belts:

- For plates and dish baskets
- For kitchenware (pots, containers and trays)
- For isothermal trays

The order must also include the dishwasher machine code and the belt code (on the following pages).

THE MACHINE PRICE DOES NOT INCLUDE THE BEL

| MODEL | HZ. | CODE | MAX. PRODUCTION (PLATOS/HORA) | ENTRY | MODULE COMPOSITION (*) | WATER (L/H) | ELECTRIC POWER (KW) | DIMMENSIONS (MM) | € |
|----------------|-----|---------|-------------------------------|-------|---|-------------|---------------------|------------------|---|
| FCO-W4G-RD R | 50 | Consult | 3100 | R |  W+4G+RD | 190-230 | 18 | 4988x900x2070 | - |
| FCO-W4G-RD L | 50 | Consult | 3100 | L |  W+4G+RD | 190-230 | 18 | 4988x900x2070 | - |
| FCO-PW4G-RD R | 50 | Consult | 4600 | R |  P+W+4G+RD | 190-230 | 21 | 5890x900x2070 | - |
| FCO-PW4G-RD L | 50 | Consult | 4600 | L |  P+W+4G+RD | 190-230 | 21 | 5890x900x2070 | - |
| FCO-P2W4G-RD R | 50 | Consult | 6600 | R |  P+2W+4G+RD | 220-270 | 35 | 6792x900x2070 | - |
| FCO-P2W4G-RD L | 50 | Consult | 6600 | L |  P+2W+4G+RD | 220-270 | 35 | 6792x900x2070 | - |
| FCO-P3W4G-RD R | 50 | Consult | 8600 | R |  P+3W+4G+RD | 220-270 | 50 | 7692x900x2070 | - |
| FCO-P3W4G-RD L | 50 | Consult | 8600 | L |  P+3W+4G+RD | 220-270 | 50 | 7692x900x2070 | - |

Circulation of baskets:

L: Entry through the left part of the machine.
R: Entry through the right part of the machine.

Standard voltage: 400V 3N~



E Loading area
A Splash guard
P Prewash: cold-water prewash module
W Wash: main wash module at 65°C



4 Rinse: gradual rinse module with rinse pump
4G Rinse: gradual rinse module with rinse pump and incorporated gas generator
D Drying: high-power drier module
R Energy recovery system

Available belts

Standard belt for dishes and baskets



| CODE | DESCRIPTION | FOR MODELS | | € |
|----------|----------------------|-------------|--------------|---|
| 19072468 | PLATE BELT FCO-W4-RD | FCO-W4-RD | FCO-W4G-RD | - |
| 19074856 | PLATE BELT FCO-PW4 | FCO-PW4-RD | FCO-PW4G-RD | - |
| 19073644 | PLATE BELT FCO-P2W4 | FCO-P2W4-RD | FCO-P2W4G-RD | - |
| 19075208 | PLATE BELT FCO-P3W4 | FCO-P3W4-RD | FCO-P3W4G-RD | - |

Specific belt for pots and containers



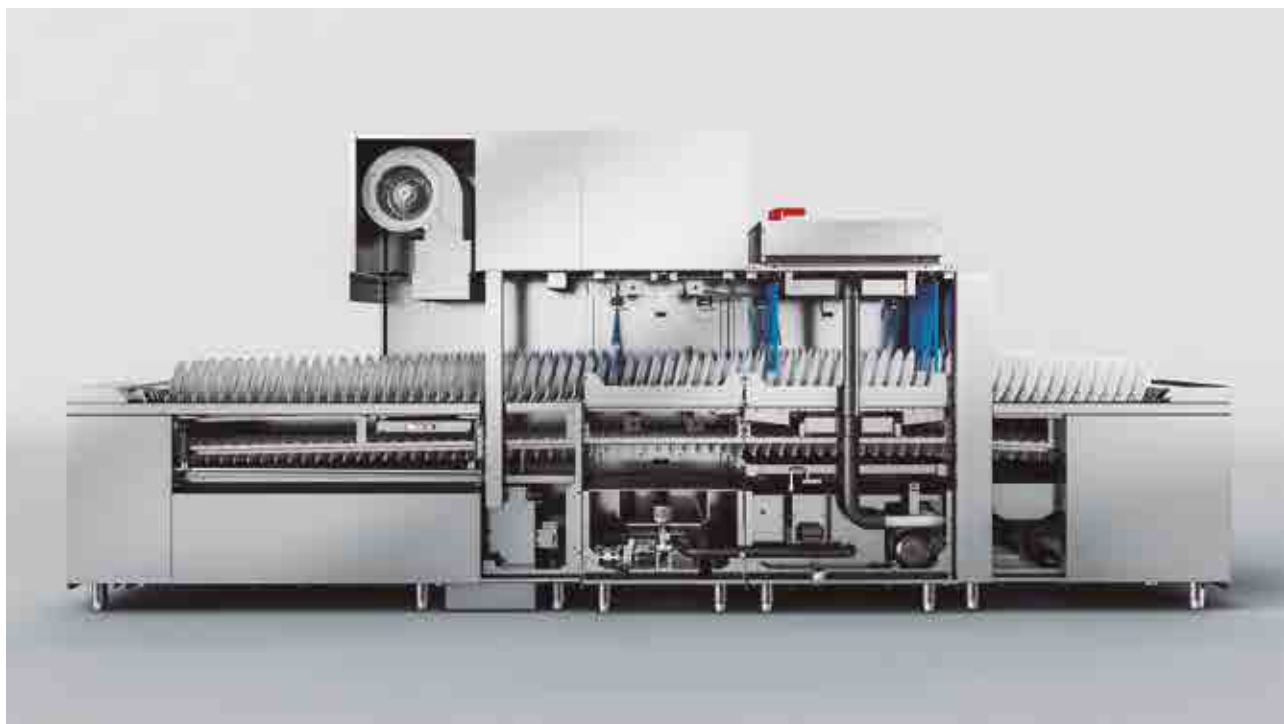
| CODE | DESCRIPTION | FOR MODELS | | € |
|----------|------------------------------|-------------|--------------|---|
| 19072498 | KITCHENWARE BELT FCO-W4-RD | FCO-W4-RD | FCO-W4G-RD | - |
| 19072700 | KITCHENWARE BELT FCO-PW4-RD | FCO-PW4-RD | FCO-PW4G-RD | - |
| 19072701 | KITCHENWARE BELT FCO-P2W4-RD | FCO-P2W4-RD | FCO-P2W4G-RD | - |
| 19072707 | KITCHENWARE BELT FCO-P3W4-RD | FCO-P3W4-RD | FCO-P3W4G-RD | - |

Specific belt for isothermal trays



| CODE | DESCRIPTION | FOR MODELS | | € |
|----------|-------------------------------------|-------------|--------------|---|
| 19072497 | BELT FOR ISOTHERMAL TRAYS FCO-W4-RD | FCO-W4-RD | FCO-W4G-RD | - |
| 19075209 | BELT FOR ISOTHERMAL TRAYS FCO-PW4 | FCO-PW4-RD | FCO-PW4G-RD | - |
| 19075210 | BELT FOR ISOTHERMAL TRAYS FCO-P2W4 | FCO-P2W4-RD | FCO-P2W4G-RD | - |
| 19075211 | BELT FOR ISOTHERMAL TRAYS FCO-P3W4 | FCO-P3W4-RD | FCO-P3W4G-RD | - |

Modular elements and accessories for flight dishwashers



Modules for flight-type dishwashers (*)

| MODELO | CÓDIGO | DESCRIPCIÓN | POWER (KW) | DIMMENSIONS (MM) | € |
|-------------------|----------|------------------|------------|------------------|---|
| FDM-700 | 19075207 | EXTRA DRIER | 9.5 kw | 700x900x2070 | - |
| PRESSURE PUMP KIT | 19004543 | 50 Hz - 230V 1N~ | 1 kw | - | - |
| PRESSURE PUMP KIT | 19005676 | 60 Hz - 230V 1N~ | 1kw | - | - |

Delivery of the machine in multiple packages

| MODELO | CÓDIGO | DESCRIPCIÓN | € |
|------------------------------|----------|---|---|
| BELT MODULES DISASSEMBLY KIT | 19075212 | Extra for the disassembly and delivery of the machine in several parts. | - |

Modular sections for flight dishwashers (*)



| MODULE | NAME | PUMPS (KW) | TANKS | | BOILER (KW) | LARGE (MM) | POWER (KW) |
|--------|-----------------|---------------|-------|-------------------------|----------------|---------------|---------------|
| | | | (L) | (KW) | | | |
| E | Loading area | - | - | - | - | 1180 | - |
| A | Splash guard | - | - | - | - | 0 | - |
| P | Prewash | 1x2,6 | 100 | - | - | 900 | 2.6 |
| W | Main wash | 1x2,6 | 100 | 15 / 18 en el FCO-W4 | - | 900 | 14.6 |
| 2W | 2 main washes | 2x2,6 | 200 | 27 | - | 1800 | 32.2 |
| 3W | 3 main washes | 3x2,6 | 300 | 39 | - | 2700 | 46.8 |
| 4 | Double rinse | 0.26 + .15 | 30 | 5 | 18 | 700 | 18.41 |
| 4G | Double | 0.26 + .15 | 30 | 5 | - | 700 | 0.41 |
| S | Tunnel | - | - | - | - | 0 | 9.5 |
| R | Recovery system | - | - | - | - | 0 | 0.90 |
| S | Unloading area | - | - | - | - | 2200 | - |

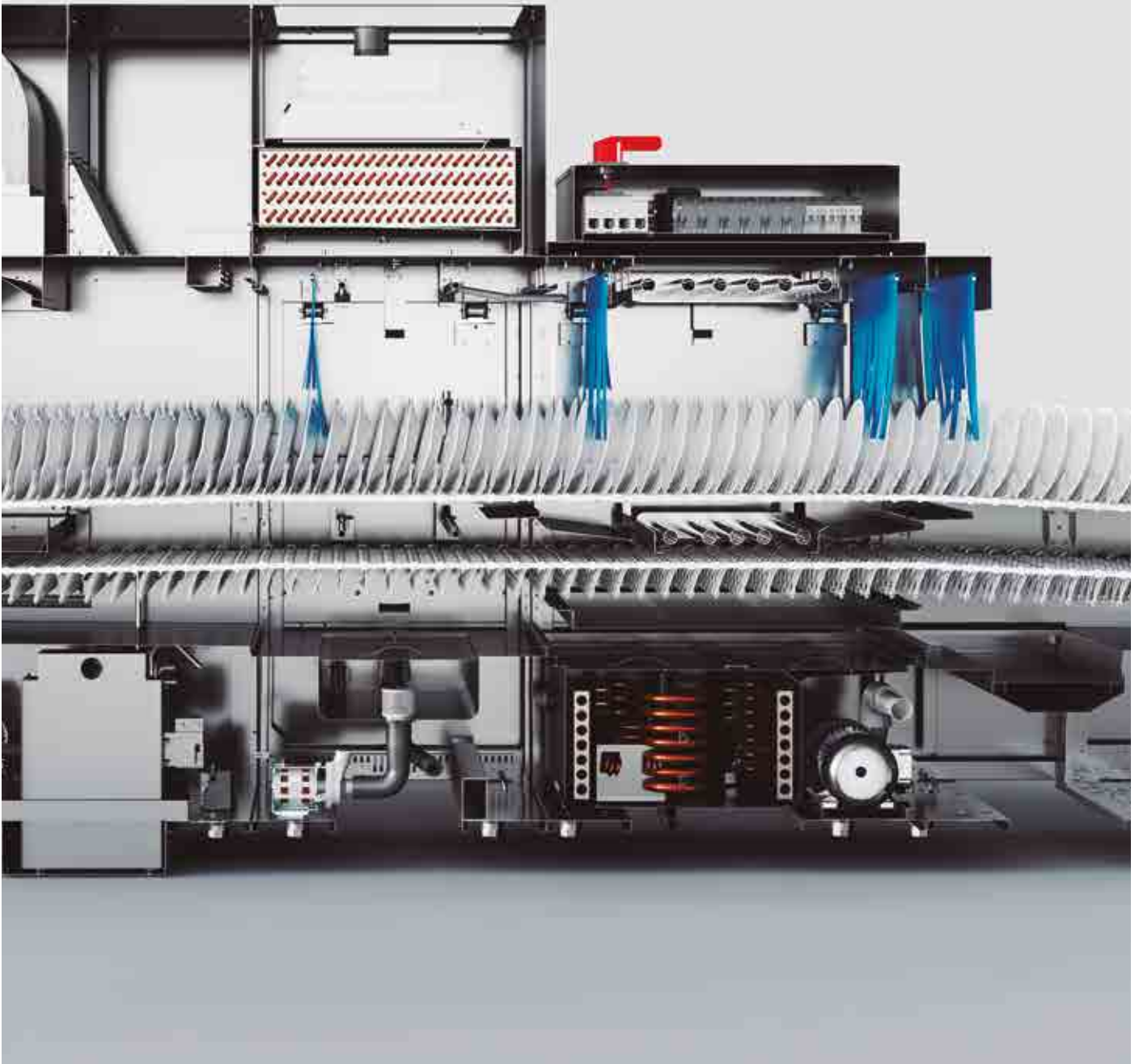
Table of modules that may form part of the flight-type dishwasher. The composition of the different modules is indicated on the previous pages.

(*) Notes on the additional modular elements:

All flight-type dishwashers are equipped, as standard, with a neutral, 150 mm anti-splash module at the entrance. This module is mounted on top of the loading table.

The drier tunnel is positioned at the exit of the machine. Its length is not increased since the tunnel is placed on top of the unloading table.

The energy recovery system is positioned on top of the dishwasher, and therefore the total length is not increased. This accessory collects steam from within the dishwasher and, after condensation, sends it to the entry of the boiler where, as an exchanger, it increases the temperature of the mains water, requiring less electricity and giving rise to notable energy and cost savings.





Dishwashing Baskets

| | |
|---|-----|
| Baskets for dishes, trays and cutlery ... | 286 |
| Baskets for glasses..... | 287 |

Water connection:
It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C.

Water pressure:
Minimum: 2 bar = 2 kg/cm²
Maximum: 4 bar = 4 kg/cm²







Water softener:
All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Any issues derived from a bad installation that don't meet with the indicated conditions will not be considered as a warranty.

Baskets for dishes, trays and cutlery

Made of polypropylene.



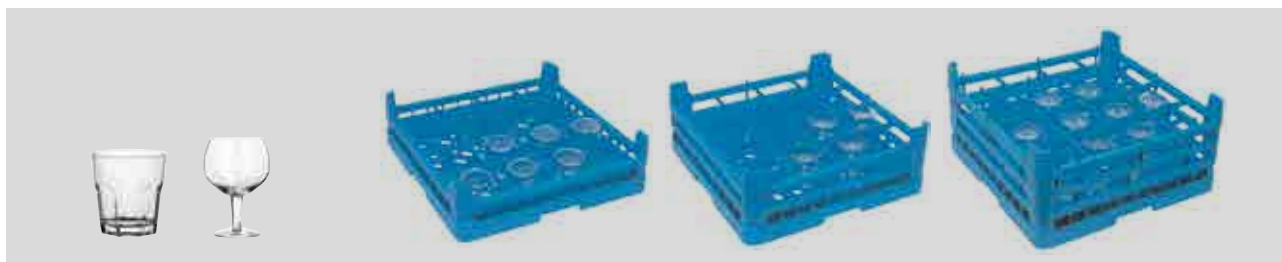
| | MODEL | CODE | TYPE OF BASKET | Ø MAX (MM) | CAPACITY PRODUCT | COLOUR | DIMENSIONS (MM) | € |
|---|----------|----------|---------------------------------|----------------|--------------------------|--------|-----------------|---|
|  | CT-10 | 19000484 | Standard basket | | Dishes | Grey | 500x500x110 | - |
|  | CT-10 R | 19036306 | Standard basket with dense base | | Dishes and cutlery | Brown | 500x500x110 | - |
|  | CB-7 | 19000483 | Trays for self-service | - | 7 | Orange | 500x500x110 | - |
|  | CP-16/18 | 19000487 | Dishes | Ø 230 Ø 320 | 16 ÷ 18 (*) 8 ÷ 9 (*) | Orange | 500x500x110 | - |
|  | CP-12 | 19004479 | Deep dishes | Ø 230 Ø 320 | 12 (*) 6 (*) | Grey | 500x500x140 | - |
|  | CU | 19000792 | Cutlery | - | 15 (**) | Yellow | 105x105x130 | - |

Notes: (*) It depends of the position of the dishes in the basket.

(**) To guarantee a correct washing of the cutlery, it is not recommended to introduce more units.

Baskets for glasses

Made of polypropylene.



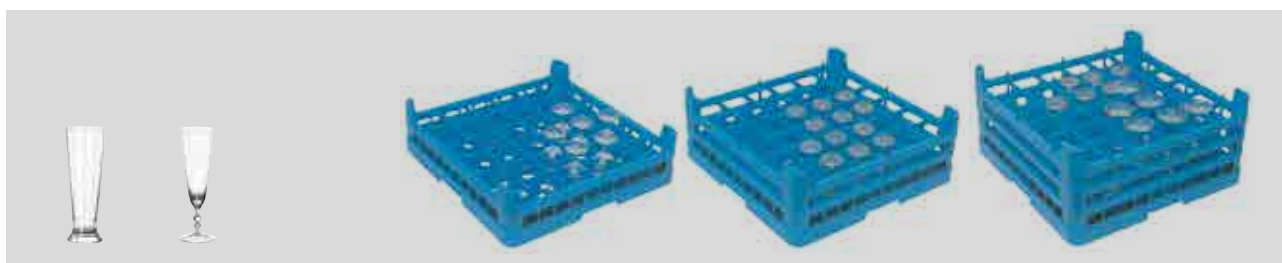
Baskets for 16 glasses and cups ø 110 mm

| MODEL | CODE | TYPE OF BASKET | Ø MAX (MM) | H MAX (MM) | CAPACITY PRODUCT | COLOUR | DIMENSIONS (MM) | € |
|-----------|----------|----------------|------------|------------|------------------|--------|-----------------|---|
| CV-16/105 | 19000488 | Low glasses | 110 | 100 | 16 | Blue | 500x500x140 | - |
| CV-16/155 | 19000489 | Medium glasses | 110 | 150 | 16 | Blue | 500x500x190 | - |
| CV-16/205 | 19000490 | High glasses | 110 | 200 | 16 | Blue | 500x500x240 | - |



Baskets for 25 glasses and cups ø 85 mm

| MODEL | CODE | TYPE OF BASKET | Ø MAX (MM) | H MAX (MM) | CAPACITY PRODUCT | COLOUR | DIMENSIONS (MM) | € |
|-----------|----------|----------------|------------|------------|------------------|--------|-----------------|---|
| CV-25/105 | 19000491 | Low glasses | 85 | 100 | 25 | Blue | 500x500x140 | - |
| CV-25/155 | 19000492 | Medium glasses | 85 | 150 | 25 | Blue | 500x500x190 | - |
| CV-25/205 | 19000493 | High glasses | 85 | 200 | 25 | Blue | 500x500x240 | - |



Baskets for 36 glasses and cups ø 70 mm

| MODEL | CODE | TYPE OF BASKET | Ø MAX (MM) | H MAX (MM) | CAPACITY PRODUCT | COLOUR | DIMENSIONS (MM) | € |
|-----------|----------|----------------|------------|------------|------------------|--------|-----------------|---|
| CV-36/105 | 19000494 | Low glasses | 70 | 100 | 36 | Blue | 500x500x140 | - |
| CV-36/155 | 19000495 | Medium glasses | 70 | 150 | 36 | Blue | 500x500x190 | - |
| CV-36/205 | 19000496 | High glasses | 70 | 200 | 36 | Blue | 500x500x240 | - |