Catalogue
FOOD SERVICE
Chapter
DISHWASHING

Model
FCO-P3W4-RD R 380-415V 3N 50Hz

19075204 13/03/2020

ELECTRIC FLIGHT TYPE DISHWASHERS, FCO-P3W4-RD R

KEY FEATURES
- 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.
- Automatic detection of dishes using photocell sensor.
- Steam extraction system to prevent steam from leaving. Adjustable.

- 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 (0,77 m) and unloading section (0,85 m), 900 mm high.
- 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.
- 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.
- 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 water-renewal system for prewash.

MODULE COMPOSITION
P Prewash: cold-water prewash module
3W Wash: 3x main wash module at 65ºC
4 Rinse: gradual rinse module with rinse pump. Quadruple-effect pre-rinse system
D Drying: high-power drier module
R Energy recovery system

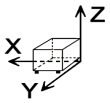
PRODUCTION (PLATOS/HORA):8600

R: Entry through the right part of the machine.

- 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
"

DIMENSIONS



X Width	7690 mm	X Gross width	8040 mm
Y Depth	900 mm	Y Gross depth	1060 mm
Z Height	2070 mm	Z Gross height	2400 mm
Net Weight	1,150,0 kg	Gross Weight	1,500,0 kg
Net volume	11,641 m3	Gross volume	20,454 m3

ELECTRICITY TECHNICAL SPECIFICATIONS

Engine power	13,10 kW
Electric power	82,600 kW
Amperage (A)	120,46 A
Heating power	69,50 kW
Voltage	380-415V - 3N
Electric frequency	50Hz

WATER TECHNICAL SPECIFICATIONS

Pressure	H2O: 200-400kPa(2-4bar)
Water max consumption	220,00 - 270,00 L/h

CONNECTIONS TECHNICAL SPECIFICATIONS

230 V three-phase wiring	3X120+T-250 A
Three-phase +N 400V wiring	3X50+N+T- 160 A
Drain 1 diameter	38 MM
Drain 2 diameter	38 MM
Drain 3 diameter	38 MM
Drain 4 diameter	38 MM

OTHERS

Noise level	72,00 dB

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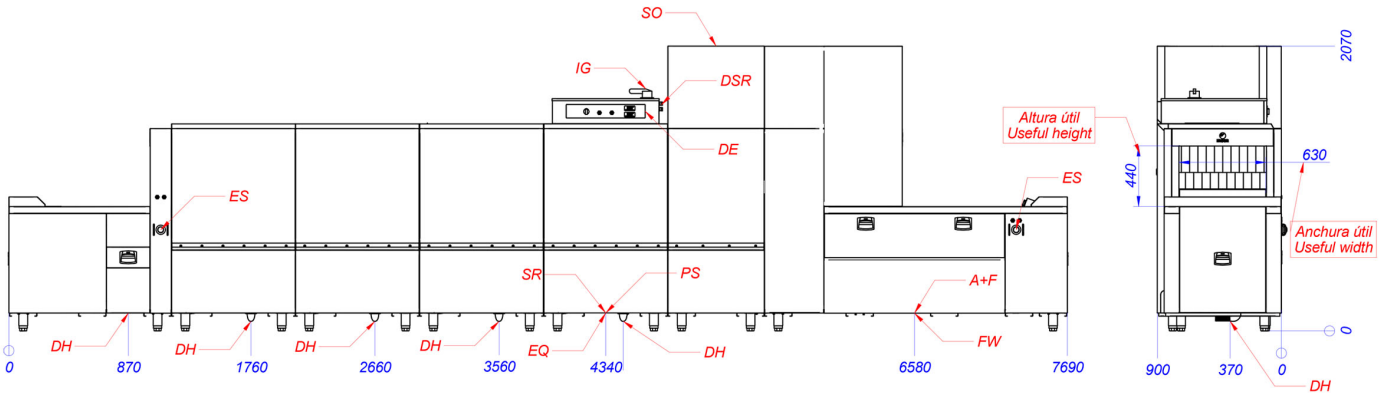

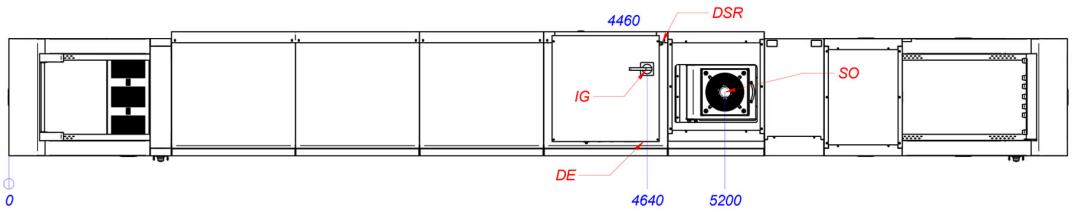

A+F	*Entrada de agua fria*	*Cold water inlet*	**ES**	*Seta de emergencia*	*Emergency Stop Switch*
FW	*Entrada de agua llenado de cubas*	*Tub filler water inlet*	**IG**	*Interruptor general*	*Power switch*
DH	*Manguera de desagüe*	*Drain hose*	**DSR**	*Prensaestopas cuadro eléctrico*	*Strain Relief*
SR	*Prensaestopas de acometida general*	*Strain Relief*	**DE**	*Conex. elect. dosificadores*	*Dispenser Electr. connection*
PS	*Alimentación eléctrica*	*Power supply*	**SO**	*Salida de vahos*	*Steam output*
EQ	*Toma equipotencial*	*Equipotential bonding terminal*			