



INDICATIVE PRODUCT IMAGE

Product file

Code	SFM022P001
Gas	R290
Application	MBP
Series	SF
Expansion	Capillary
Exchange	Air
Net weight	115 kg
Ped	0
Defrost	Hot gas
Mounting	Ceiling
Type	Compact

Compressor

Compressor no.	2
Compressor type	Hermetic
Compressor brand	EMBRACO
Compressor voltage	220-240/1/50

Condenser

Fan-motors no.	2
Fan blade diameter	300 mm
Condenser air flow	2281 m³/h

Evaporator

Fan-motors no.	3
Fan blade diameter	200 mm
Evaporator speed	Low speed
Air throw	4.00 m
Evaporator air flow	1546 m³/h

Absorptions

Power absorbed	1426 W
Current absorbed	9.66 A
Maximum current	11.00 A

Dimensions

Width	930 mm
Depth	1110 mm
Height	620 mm

Refrigeration capacity table – SFM022P001 – Refrigerant: R290

Ambient temperature	Cell temperature	Cell volume	Capacity
25 °C	-5 °C	21.10 m ³	2443 W
25 °C	0 °C	27.10 m ³	2833 W
25 °C	5 °C	41.30 m ³	3251 W
32 °C	-5 °C	19.50 m ³	2270 W
32 °C	0 °C	24.30 m ³	2646 W
32 °C	5 °C	37.00 m ³	3045 W
43 °C	-5 °C	15.20 m ³	1989 W
43 °C	0 °C	19.20 m ³	2339 W
43 °C	5 °C	29.40 m ³	2705 W

Values referred to :

Suction gas : +0°C (LT) e +20°C (HT)

Subcooling : 0K

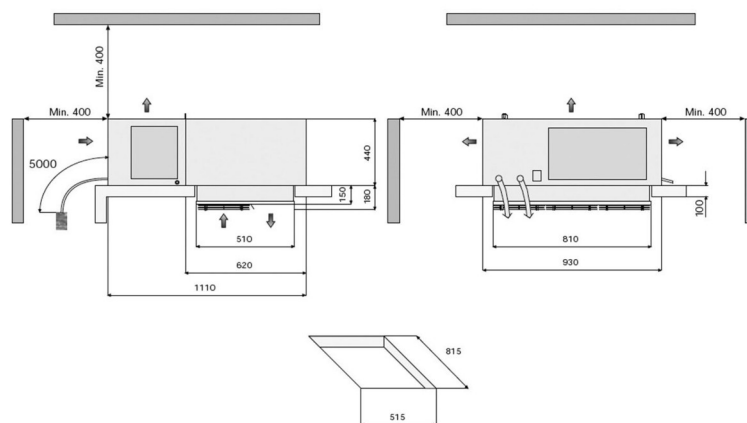
Superheat : 100%

Compressor absorption :

Te -10°C (HT/MT); Tcond +50°C

Te -30°C (LT); Tcond +50°C

Technical drawings – SFM022P001





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• GENERAL FEATURES

- Self-supporting casing in zinc-plated metal sheet, which is coated with epoxy powder and easily removable panels for fast access to components during inspection or maintenance operations
- Hermetic compressors with thermal motor protection
- Heat exchangers with copper and aluminium blocks
- Condenser with Ø5mm tubes with internal spiral rifling
- Condensation by air (optional by water)
- Automatic defrosting with programmable run, duration and frequency settings
- Electronic board that can be programmed according to different user requirements
- Control panel installed in a remote position
- Electronic control panel
- High pressure switch
- Remote control panel (5m)
- Door micro switch with 2,5m long cable
- Evaporating water tray
- Door heater cable for LBP items with 2,5m long cable
- Power supply cable (L=2,5m)
- Mounting set and overflow tube
- Package included