

CEILING UNIT COOLER COMMERCIAL RANGE

Bars / Hotels / Restaurants
Corner shops - Mini-markets



190 > 790 W

MF / MFE

- The MF range is designed for use in refrigerated cabinets, bars, under-counter unit and small storage cold rooms: hygiene and compactness.
- CETIM conformity certificate: hygiene standard EN 1672-2.
- ABS casing with rounded corners, drainage incorporated to avoid all condensation retention zones.
- Minimal depth (150 mm) for optimum use of storage space in the cold room.
- Wall mounting possible.



DESCRIPTION

Casing

- Anti-corrosion casing, fan blade and guard.
- Monoblock, anti-shock ABS casing.
- Depth limited to 150 mm, easy installation of expansion valve.
- Polyamide frame on MF(E) 1-2.
- CETIM "Health and safety" conformity certificate (MF 1-2) (compliant with standard EN 1672-2). Rounded corners without condensate retention zones, easy cleaning, reduction of exterior condensation.

Ventilation

- 4-pole motor(s), polypropylene fan blade (anti-corrosion).
- Anti-corrosion casing, fan blade and guard (photos n° 1 and 2).

Coil

- Fins with polyester finish.
- Low internal refrigerant volume.

ADVANTAGES

Installation

EMA kit on MF1 and MF2 for wall mounting (not to be used on MFE 1-2).

Flexible, directional and compact drain fitting (photo n°3).

Motor wired to terminal block as standard.

Servicing / Maintenance

Totally removable casing for easy cleaning; direct access to all components mounted on the top board.

The electric heating elements are fitted in slots for easy front removal (model MFE) (photo n°4).

CERTIFICATIONS



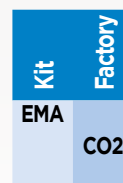
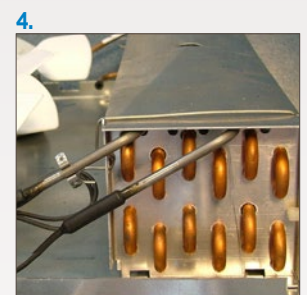
DESIGNATION

MFE 3⁽¹⁾ 3⁽²⁾

(1) **MF** = chill temp. models without defrost

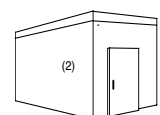
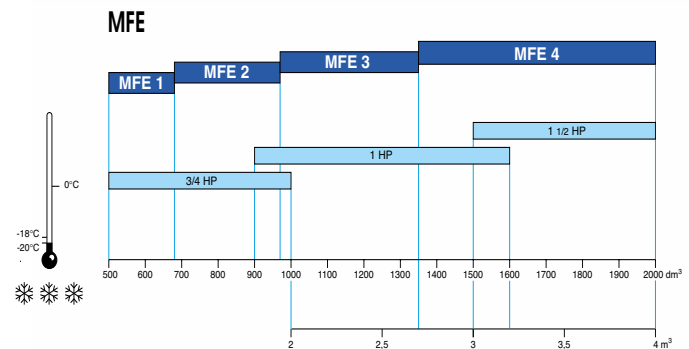
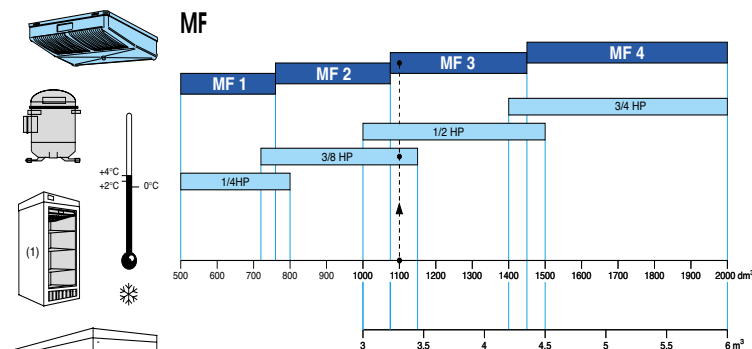
MFE = low temp. models with defrost

(2) Number of fans



OPTIONS

Wall kit
R744 optimization
(please contact us for details)



(1) Heavy-duty cabinet
(2) Standard chamber

Data given for information only.

EXAMPLE

Volume of unit to be cooled: 1100 dm³ / Temperature: +2°C/Heavy duty

Selection: MF 3 (and compressor 3/8 HP)

MF / MFE ...

Capacity	SC2	MF ...	1	2	3	4
R404A (1)	DT1 = 8K	W	350	400	750	790
R134a	DTM = 8K	W	320	360	680	720
R449A	DTM = 8K	W	320	370	690	730
R452A	DTM = 8K	W	320	370	690	730
Kit : Wall mounting kit		EMA	○	○	-	-

Capacity	SC3	MFE ...	1	2	3	4
R404A (1)	DT1 = 7K	W	270	320	580	640
R449A	DTM = 7K	W	240	280	510	560
R452A	DTM = 7K	W	240	290	520	580
Capacity	SC4	MFE ...	1	2	3	4
R404A (1)	DT1 = 6K	W	190	240	430	450
R449A	DTM = 6K	W	160	200	360	380
R452A	DTM = 6K	W	170	210	380	400
Electric defrost	230V/1/50 Hz	W	140	160	330	330
		A	0,64	0,73	1,5	1,5

		1	2	3	4	
Surface	m ²	1,1	1,40	2,3	2,8	
Circuit volume	dm ³	0,2	0,3	0,5	0,6	
	Air flow	m ³ /h	270	250	460	430
	Air throw (2)	m	3,5	3,0	6,0	5,5
Fan (3)	Ø 200 mm	Num.	1	1	2	2
230 V/1/50-60 Hz		W total	40	40	80	80
1,500 rpm.	230 V/1/50 Hz	A total	0,33	0,33	0,66	0,66
Net weight	kg	4	4	8	9	

(1) Standard conditions :

SC2 / 0°C (air inlet temp.) / -8°C (evaporating temp.) / DT1 = 8K

SC3 / -18°C (air inlet temp.) / -25°C (evaporating temp.) / DT1 = 7K

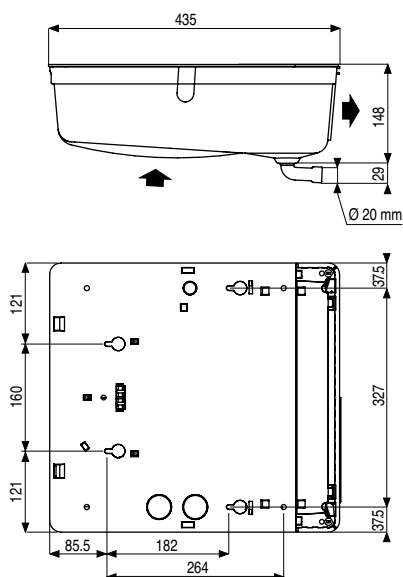
SC4 / -25°C (air inlet temp.) / -31°C (evaporating temp.) / DT1 = 6K

(2) When the chamber size allows air circulation.

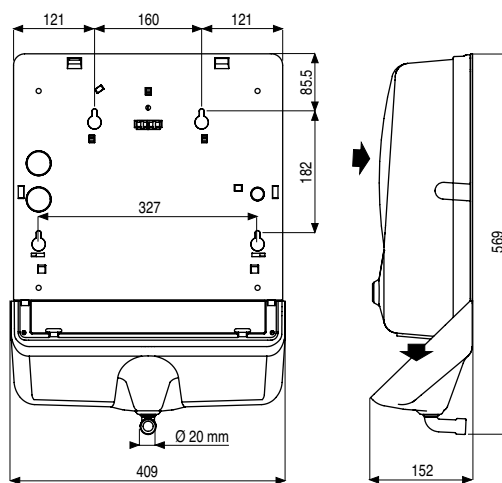
(3) Enclosed motor, class B, impedance-protected, permanently lubricated.

* Recommended with electric defrost (> MFE).

MF 1-2 / MFE 1-2



MF 1-2

Wall mounting with **EMA** kit for **MF 1-2**

MF 3-4 / MFE 3-4

