



MOD : AP50M-1A

Production code : FAM006G001-DI

09/2023



INDICATIVE PRODUCT IMAGE

Product file

Type	Compact
Mounting	Wall
Reference	AP50M-1A
Range	FA
Version	Saddle
Condensation	Air
Net weight	48.5 kg
PED	0
Defrost	Hot gas
Expansion	Capillary
Application	MBP
Refrigerant	R452A

Dimensions

Width L	400 mm
Depth P	796 mm
Height H	714 mm

Absorptions

Power consumption	829 W
Current consumption	5.2 A

Condenser

Fan-motors no.	1
Diameter	254 mm
Air flow	683 m³/h

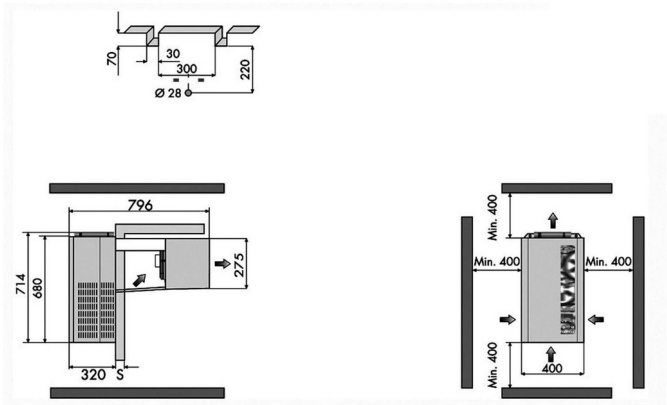
Unit cooler

Fan-motors no.	1
Diameter	200 mm
Air flow	570 m³/h
Air throw	5 m

Compressor

Type	Hermetic
Compressors no.	1
Brand	EMBRACO
Voltage	220-240/1/50
Displacement	12.12 cm³

Technical data - AP50M-1A



Refrigerating capacity table (W) - AP50M-1A - Refrigerant: R452A

TA \ Cold room Temp	-5 °C	0 °C	5 °C
25 °C	945 (7 m³)	1074 (9.3 m³)	1218 (13.9 m³)
32 °C	851 (4 m³)	975 (6 m³)	1107 (9.1 m³)
43 °C	716 (3.3 m³)	826 (4.2 m³)	936 (6 m³)

Values referred to :
Suction gas : +20°C
Subcooling : 0K
Superheat : 100%
Compressor absorption :
Te -5°C (HBP); Tcond +50°C
Te -10°C (MBP); Tcond +50°C
Te -30°C (LBP); Tcond +50°C



INDICATIVE PRODUCT IMAGE

- General features**
- Self-supporting casing in zinc-plated metal sheet, which is coated with epoxy powder
 - Front panel easy to be removed in order to guarantee an easy access to the components and a fast maintenance intervention
 - Hermetic compressors with thermal motor protection
 - Electronic board that can be programmed according to different user requirements
 - Heat exchangers with copper and aluminium blocks
 - Condensation by air (optional by water)
 - Expansion by capillary tube or thermostatic valve
 - Automatic defrosting with programmable run, duration and frequency settings"Off cycle defrosting (HBP), and hot gas defrosting (MBP, LBP)."
 - Integral evaporating condensing water tray, or condensing water direct discharge
 - Electronic card designed for connection in remote management (BMS) and LAN.
 - Cold room light with 2,5m long cable
 - Door micro switch with 2,5m long cable
 - Door heater cable for LBP items with 2,5m long cable
 - High pressure switch
 - Evaporating water tray
 - Power supply cable (L=2,5m)
 - Package included