



INDICATIVE PHOTO

## General features : FAM034P001

- 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 control panel
- 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



Indicative photo

## Product file : Refrigerating systems

Code	FAM034P001
Type	Compact
Mounting	Wall
Range	FA
Version	Saddle
Expansion	Capillary
Application	MBP
Gas	R290
Net weight	107,8 kg
Ped	0
Defrost	Hot gas

## Compressor

Type	Hermetic
Voltage	-
Displacement	20,4cm <sup>3</sup>

## Pipe fittings

Liquid diam.	-
Suction diam.	-

## Absorptions

Power consumption	1838 W
Current consumption	10,74 A

## Condenser

Fans no.	1
Diameter	350 mm
Air flow	1700 m <sup>3</sup> /h

## Unit cooler

Fans no.	1
Diameter	350 mm
Air flow	1912 m <sup>3</sup> /h
Air throw	8 m

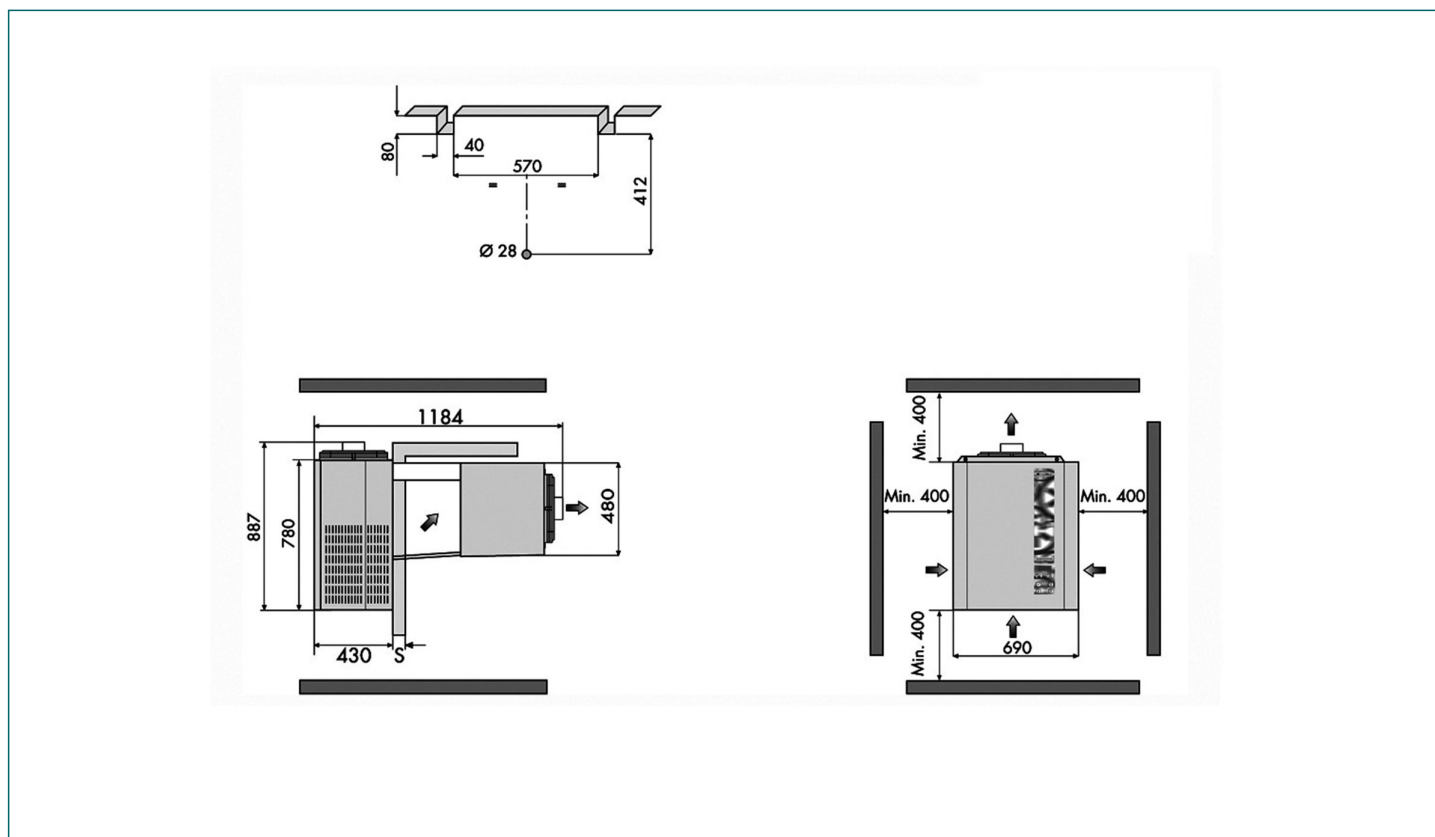
## Data for selection

Ambient temp.	32°C
Cold room temp.	4°C
Gas	R290
Units no.	1
Requested capacity W	3512

## Search results

Total capacity	3512 W
Tolerance	0%

## Technical drawing - FAM034P001



## Refrigerating capacity table (watt) - Gas : R290

Ta \ Tc	-5°C	0°C	5°C
25°C	2958 (34,06 m³)	3391 (40,3 m³)	3843 (58,63 m³)
32°C	2748 (22,87 m³)	3164 (33,97 m³)	3599 (43,89 m³)
43°C	2406 (17,84 m³)	2795 (22,96 m³)	3202 (35,66 m³)

### Values referred to :

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