



INDICATIVE PHOTO

## General features : FAL006P001

- 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	FAL006P001
Type	Compact
Mounting	Wall
Range	FA
Version	Saddle
Expansion	Capillary
Application	LBP
Gas	R290
Net weight	53,7 kg
Ped	0
Defrost	Hot gas

### Compressor

Type	Hermetic
Voltage	220-240/1/50
Displacement	22,4cm <sup>3</sup>

### Pipe fittings

Liquid diam.	-
Suction diam.	-

### Absorptions

Power consumption	588 W
Current consumption	3,37 A

### Condenser

Fans no.	1
Diameter	254 mm
Air flow	600 m <sup>3</sup> /h

### Unit cooler

Fans no.	1
Diameter	200 mm
Air flow	535 m <sup>3</sup> /h
Air throw	5 m

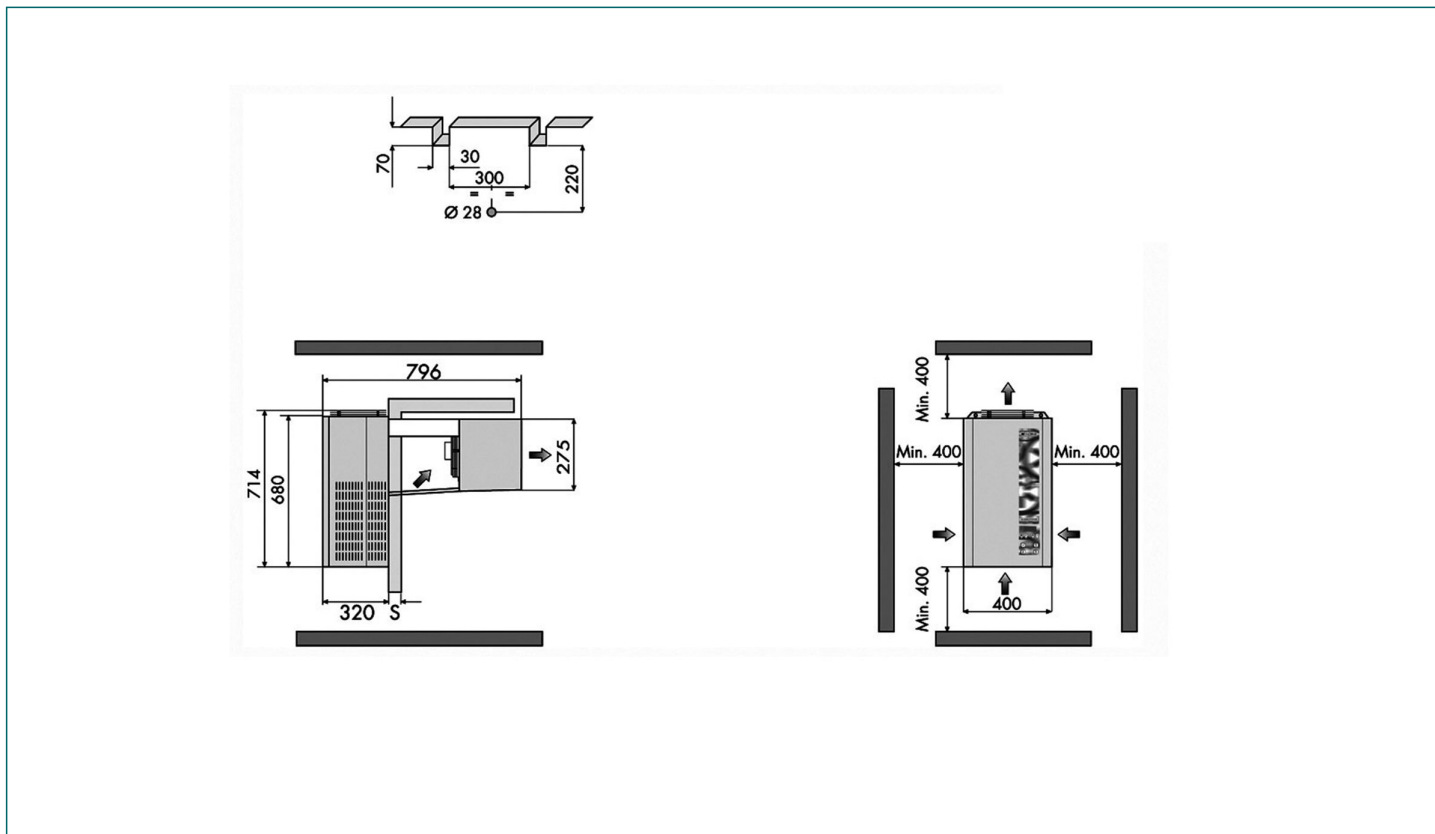
### Data for selection

Ambient temp.	32°C
Cold room temp.	-22°C
Gas	R290
Units no.	1
Requested capacity W	811

### Search results

Total capacity	811 W
Tolerance	0%

## Technical drawing - FAL006P001



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

Ta \ Tc	-25°C	-20°C	-15°C
25°C	768 (4,21 m³)	910 (7,97 m³)	1065 (12,86 m³)
32°C	728 (3,35 m³)	867 (5,23 m³)	1020 (8,83 m³)
43°C	664 (2,8 m³)	800 (4,25 m³)	948 (6,73 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