



INDICATIVE PHOTO

## General features : FTM034G002

- 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        | FTM034G002 |
| Type        | Compact    |
| Mounting    | Wall       |
| Range       | FT         |
| Version     | Plug-in    |
| Expansion   | Capillary  |
| Application | MBP        |
| Gas         | R452A      |
| Net weight  | 100,5 kg   |
| Ped         | 0          |
| Defrost     | Hot gas    |

### Compressor

|              |                     |
|--------------|---------------------|
| Type         | Hermetic            |
| Voltage      | 400/3/50            |
| Displacement | 32,7cm <sup>3</sup> |

### Pipe fittings

|               |   |
|---------------|---|
| Liquid diam.  | - |
| Suction diam. | - |

### Absorptions

|                     |        |
|---------------------|--------|
| Power consumption   | 1540 W |
| Current consumption | 4 A    |

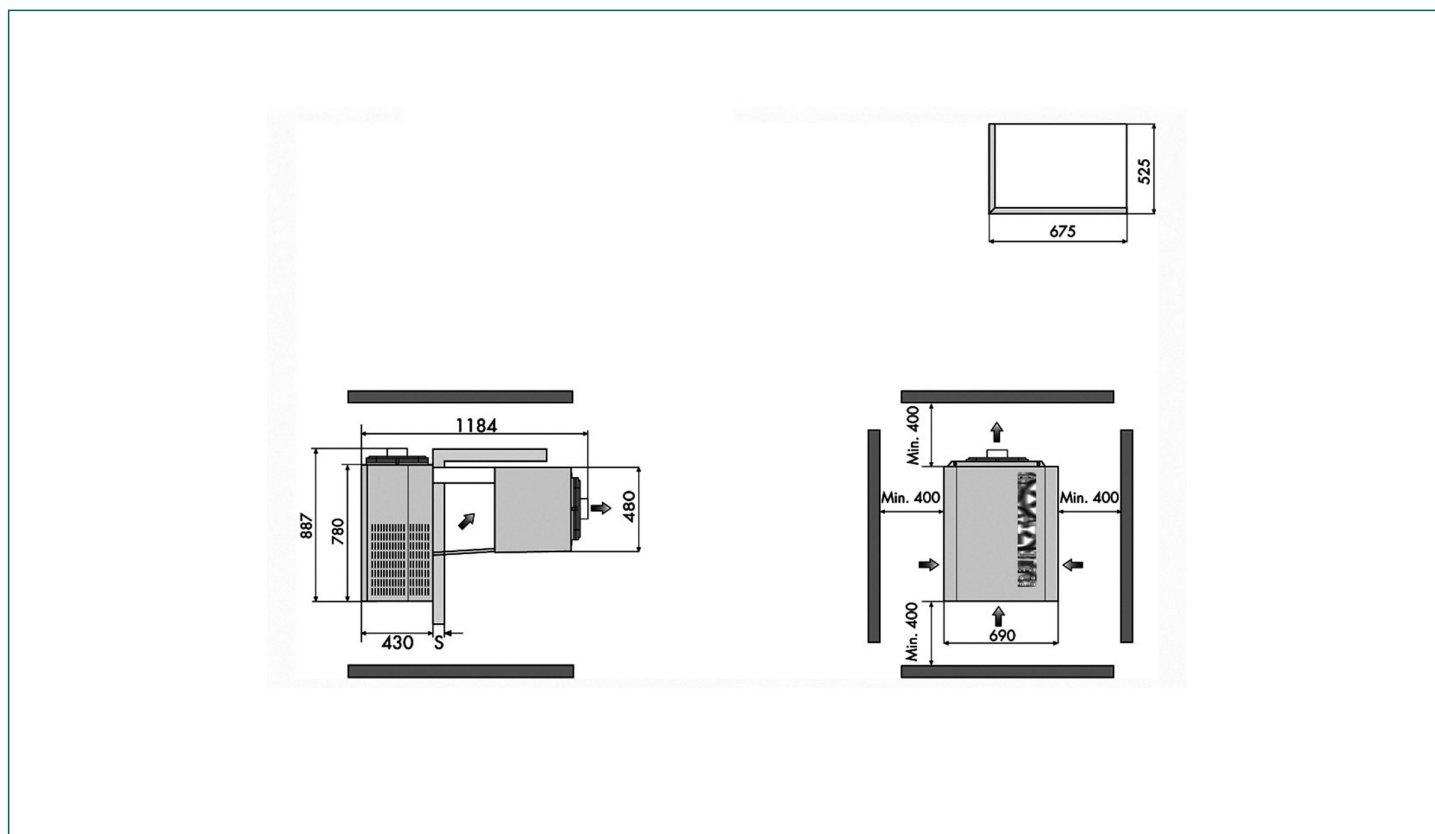
### Condenser

|          |                        |
|----------|------------------------|
| Fans no. | 1                      |
| Diameter | 350 mm                 |
| Air flow | 2116 m <sup>3</sup> /h |

### Unit cooler

|           |                        |
|-----------|------------------------|
| Fans no.  | 1                      |
| Diameter  | 350 mm                 |
| Air flow  | 2050 m <sup>3</sup> /h |
| Air throw | 8 m                    |

## Technical drawing - FTM034G002



## Refrigerating capacity table (watt) - Gas : R452A

| Ta \ Tc | -5°C           | 0°C            | 5°C            |
|---------|----------------|----------------|----------------|
| 25°C    | 2834 (32,4 m³) | 3306 (39,1 m³) | 3802 (58 m³)   |
| 32°C    | 2562 (20,2 m³) | 2995 (31,1 m³) | 3451 (42,1 m³) |
| 43°C    | 2106 (15,2 m³) | 2475 (19,8 m³) | 2865 (31,3 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