



**MOD : HN170M-1R**

**Production code : STL006G011-DI**

**09/2023**



INDICATIVE PRODUCT IMAGE

#### Product file

|              |            |
|--------------|------------|
| Type         | split      |
| Mounting     | Horizontal |
| Code         | HN170M-1R  |
| Range        | ST         |
| Condensation | Air        |
| Net weight   | 66 kg      |
| PED          | 0          |
| Defrost      | Electrical |
| Expansion    | Valve      |
| Application  | LBP        |
| Refrigerant  | R452A      |

#### Dimensions

|          |        |
|----------|--------|
| Width L  | 700 mm |
| Depth P  | 490 mm |
| Height H | 380 mm |

#### Pipe fittings

|               |       |
|---------------|-------|
| Liquid diam.  | 6 mm  |
| Suction diam. | 12 mm |

#### Absorptions

|                     |       |
|---------------------|-------|
| Power consumption   | 782 W |
| Current consumption | 3.9 A |
| Potenza sbrinamento | 650 W |

#### Condenser

|                |           |
|----------------|-----------|
| Fan-motors no. | 2         |
| Diameter       | 254 mm    |
| Air flow       | 1211 m³/h |

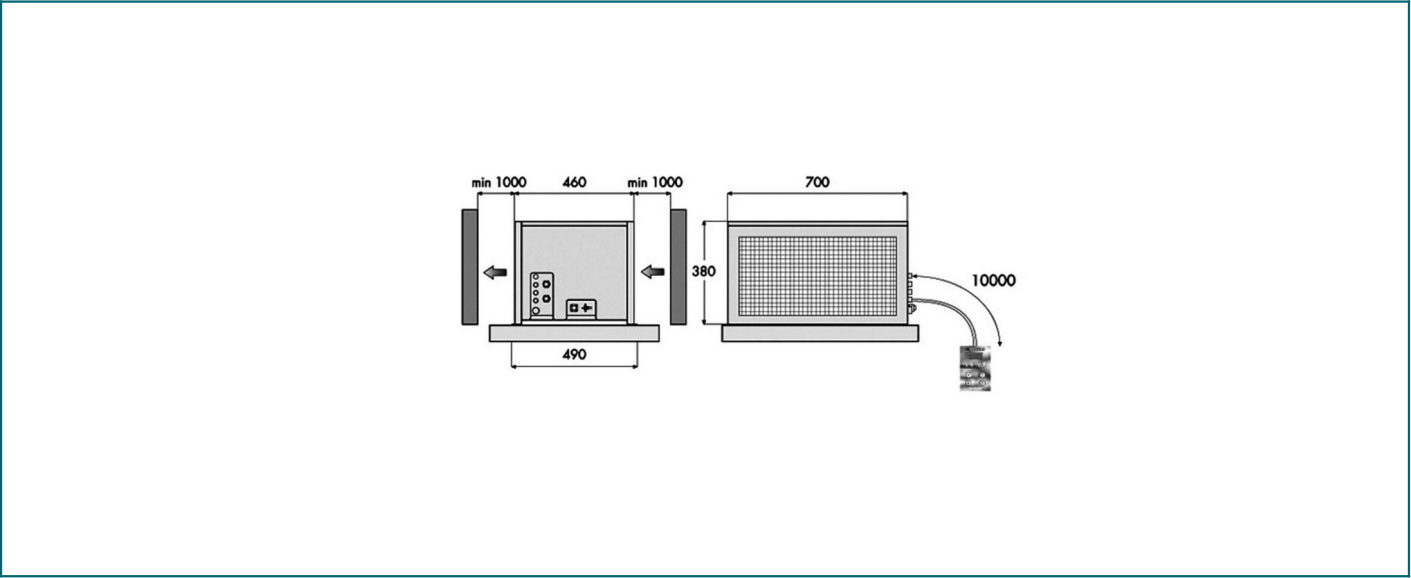
#### Unit cooler

|                |          |
|----------------|----------|
| Fan-motors no. | 1        |
| Diameter       | 200 mm   |
| Air flow       | 600 m³/h |
| Air throw      | 3 m      |

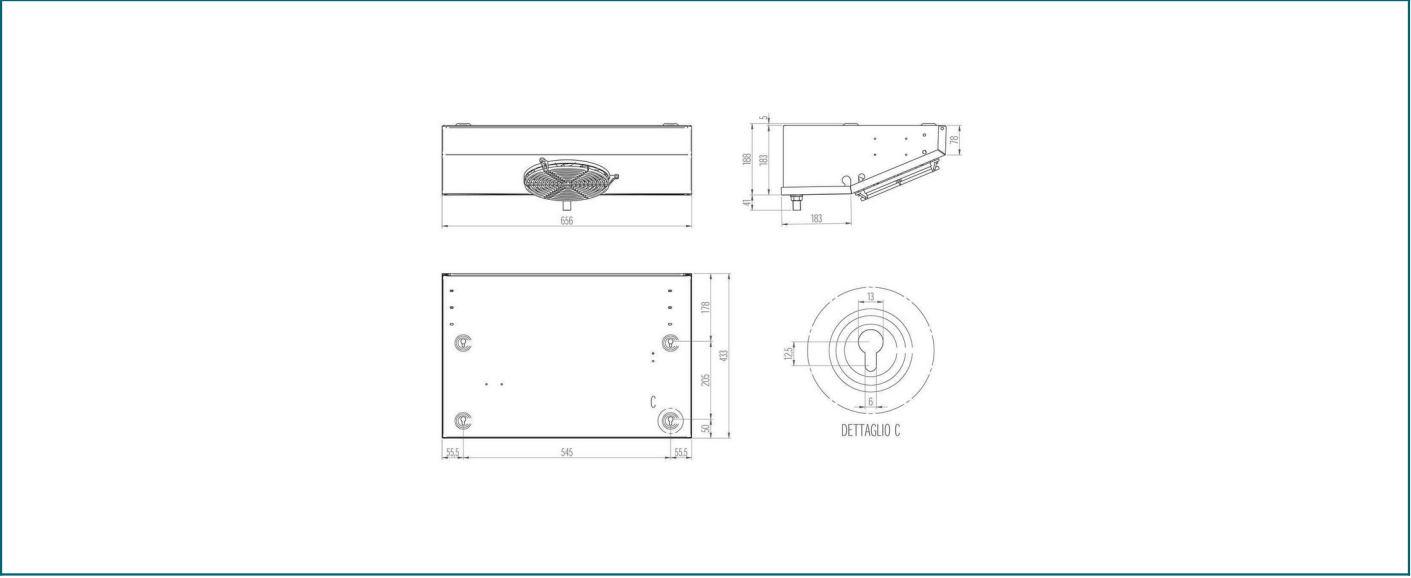
#### Compressor

|                 |              |
|-----------------|--------------|
| Type            | Hermetic     |
| Compressors no. | 1            |
| Brand           | EMBRACO      |
| Voltage         | 220-240/1/50 |
| Displacement    | 26 cm³       |

Technical data - HN170M-1R



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## Refrigerating capacity table (W) - HN170M-1R - Refrigerant: R452A

| TA \ Cold room Temp | -25 °C       | -20 °C       | -15 °C        |
|---------------------|--------------|--------------|---------------|
| 25 °C               | 752 (3.8 m³) | 918 (5.8 m³) | 1096 (7.4 m³) |
| 32 °C               | 675 (3.2 m³) | 824 (5 m³)   | 985 (6.4 m³)  |
| 43 °C               | 543 (2.1 m³) | 676 (3.5 m³) | 820 (4.5 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 and easily removable panels for fast access to components during inspection or maintenance operations
- Hermetic or semi-hermetic compressors with motor thermic protection
- Electronic control board that can be programmed according to different user requirements
- Control panel installed in a remote position
- Heat exchangers with copper and aluminium blocks
- Condensation by air (optional by water)
- Expansion by capillary tube or thermostatic valve
- Ventilation or heater automatic defrosting with programmable run duration and frequency
- Condensing water direct discharge
- Electronic card designed for connection in remote management (BMS) and LAN.

### For Model up to 2x450

- Low pressure switch
- Remote control panel (10m)
- Door micro switch with 10m long cable
- Cold room light with 10m long cable
- Door heater cable for LBP items with 10m long cable
- Connecting cables evaporator/condensing unit L= 10m
- Power supply cable (L=2,5m)

### For models 2x560 2x630

- Remote control panel 20m
- High-low pressure switch
- Pressure switches for condenser fan control
- Crankcase heater
- Package included