



**MOD : HP122T-4Q**

**Production code : STM022G012-DI**

**09/2023**



INDICATIVE PRODUCT IMAGE

#### Product file

|              |            |
|--------------|------------|
| Type         | split      |
| Mounting     | Horizontal |
| Code         | HP122T-4Q  |
| Range        | ST         |
| Condensation | Air        |
| Net weight   | 92.5 kg    |
| PED          | 1          |
| Defrost      | Electrical |
| Expansion    | Valve      |
| Application  | MBP        |
| Refrigerant  | R452A      |

#### Dimensions

|          |        |
|----------|--------|
| Width L  | 800 mm |
| Depth P  | 560 mm |
| Height H | 460 mm |

#### Pipe fittings

|               |       |
|---------------|-------|
| Liquid diam.  | 10 mm |
| Suction diam. | 16 mm |

#### Absorptions

|                     |        |
|---------------------|--------|
| Power consumption   | 1402 W |
| Current consumption | 4.4 A  |
| Potenza sbrinamento | 1350 W |

#### Condenser

|                |           |
|----------------|-----------|
| Fan-motors no. | 2         |
| Diameter       | 300 mm    |
| Air flow       | 1980 m³/h |

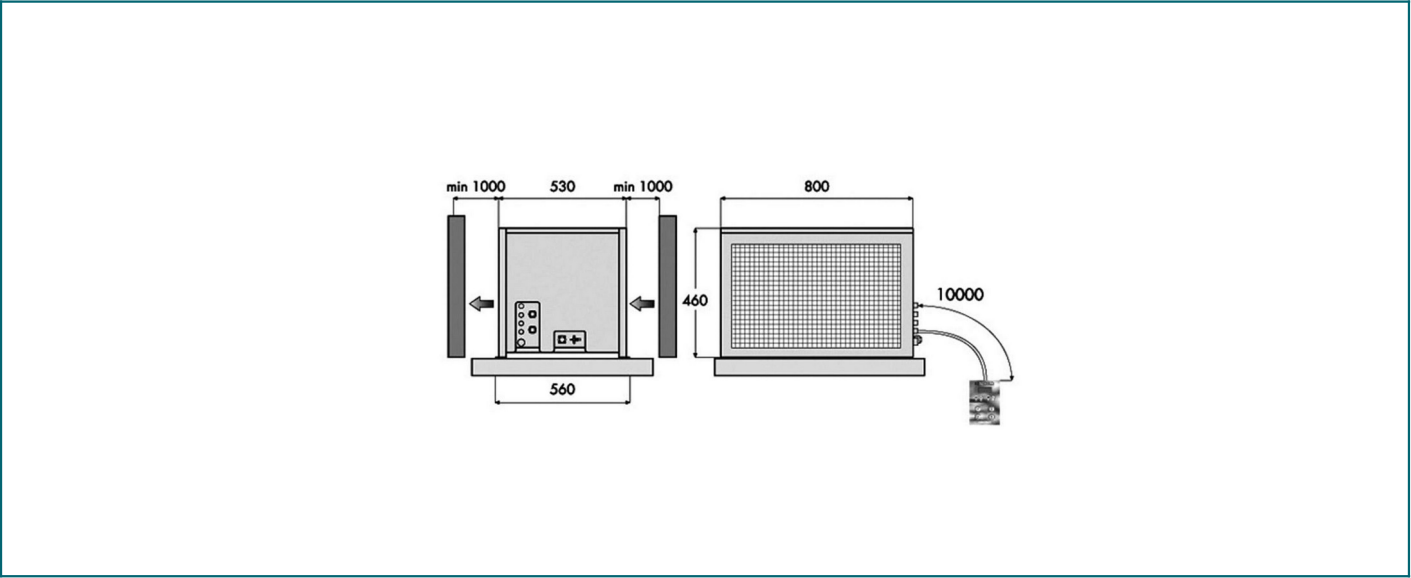
#### Unit cooler

|                |           |
|----------------|-----------|
| Fan-motors no. | 2         |
| Diameter       | 254 mm    |
| Air flow       | 1602 m³/h |
| Air throw      | 7.5 m     |

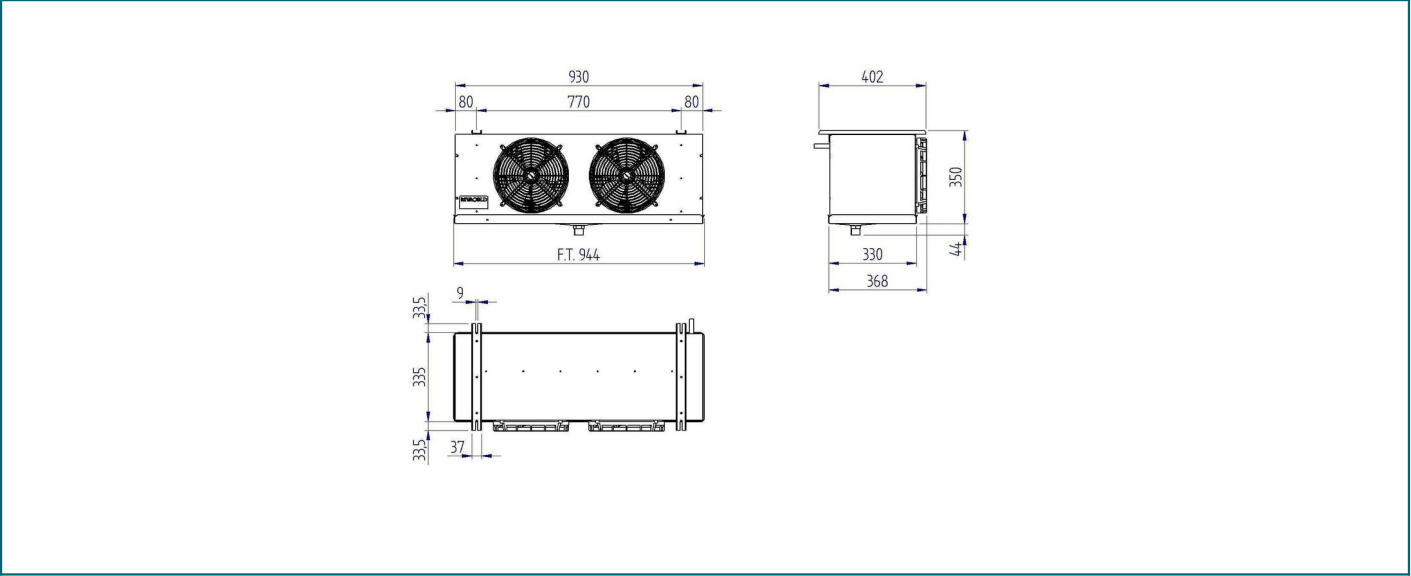
#### Compressor

|                 |          |
|-----------------|----------|
| Type            | Hermetic |
| Compressors no. | 1        |
| Brand           | EMBRACO  |
| Voltage         | 400/3/50 |
| Displacement    | 26.2 cm³ |

Technical data - HP122T-4Q



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## Refrigerating capacity table (W) - HP122T-4Q- Refrigerant: R452A

| TA \ Cold room Temp | -5 °C          | 0 °C           | 5 °C           |
|---------------------|----------------|----------------|----------------|
| 25 °C               | 1983 (16.2 m³) | 2333 (23 m³)   | 2711 (32.3 m³) |
| 32 °C               | 1813 (14.2 m³) | 2139 (18.1 m³) | 2488 (28.3 m³) |
| 43 °C               | 1526 (10.6 m³) | 1808 (13.5 m³) | 2105 (21.1 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