



MOD : HN300T-5U

Production code : STL020G012D

09/2023



INDICATIVE PRODUCT IMAGE

Product file

Type	split
Mounting	Horizontal
Code	HN300T-5U
Range	ST
Condensation	Air
Net weight	109.5 kg
PED	1
Defrost	Electrical
Expansion	Valve
Application	LBP
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	1959 W
Current consumption	5.6 A
Potenza sbrinamento	1950 W

Condenser

Fan-motors no.	2
Diameter	300 mm
Air flow	2194 m³/h

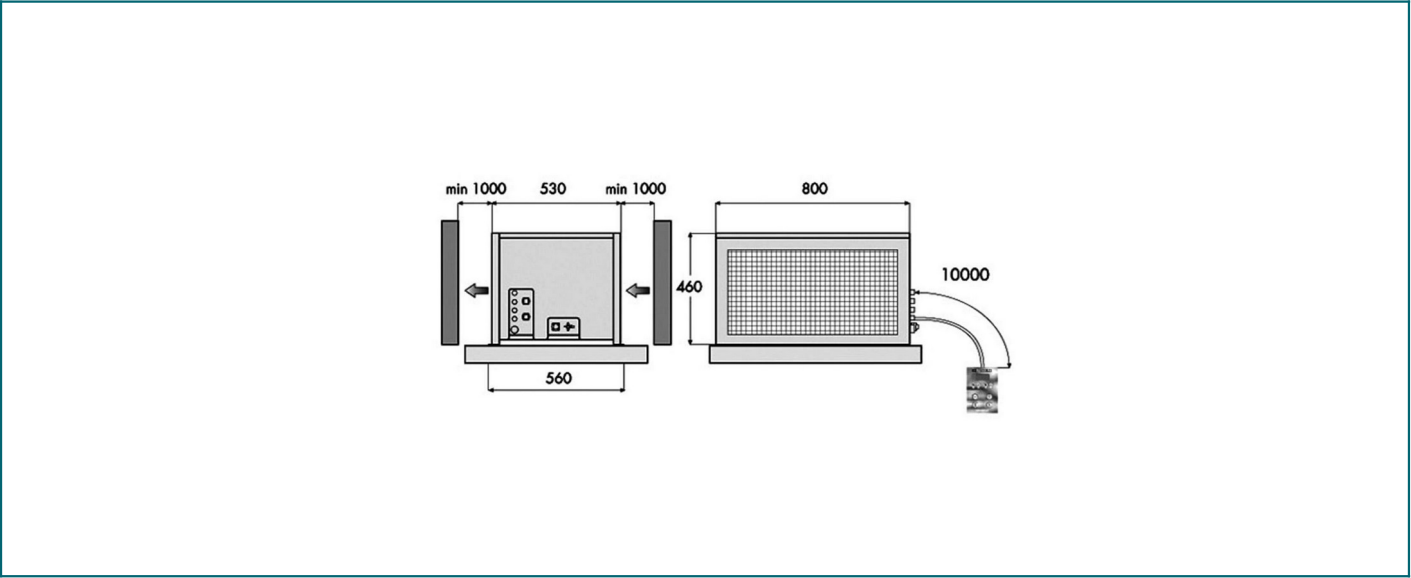
Unit cooler

Fan-motors no.	3
Diameter	254 mm
Air flow	2364 m³/h
Air throw	7.5 m

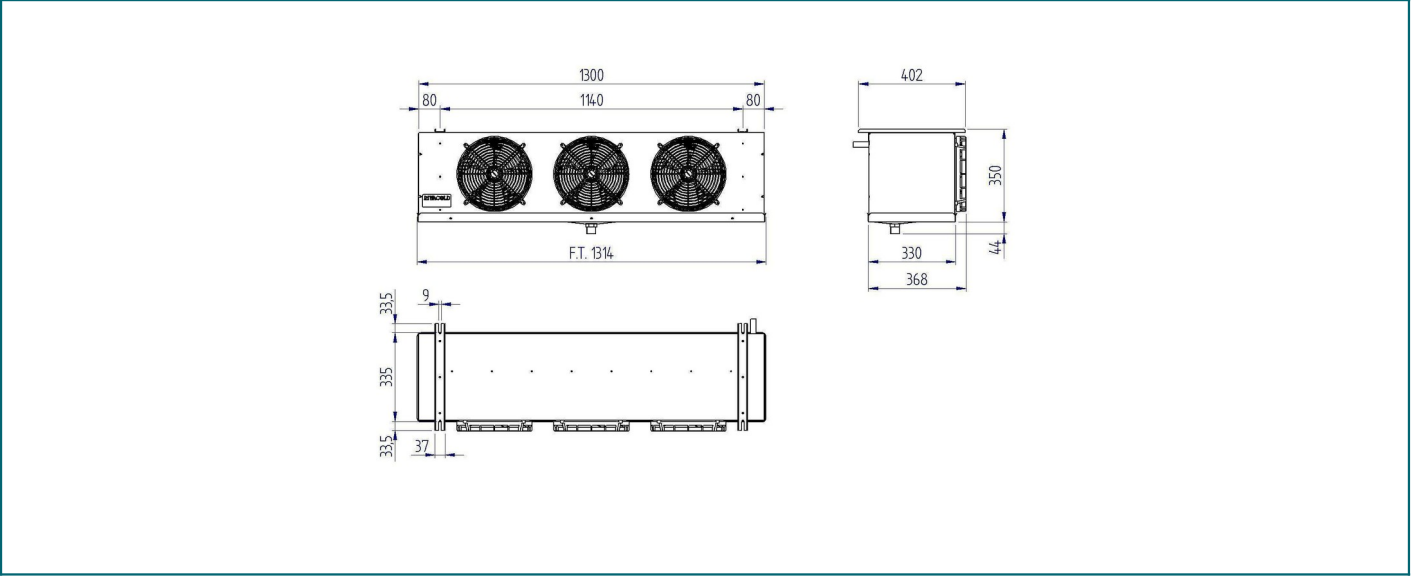
Compressor

Type	Hermetic
Compressors no.	1
Brand	MANEUROP
Voltage	400/3/50
Displacement	68 cm³

Technical data - HN300T-5U



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Refrigerating capacity table (W) - HN300T-5U - Refrigerant: R452A

TA \ Cold room Temp	-25 °C	-20 °C	-15 °C
25 °C	2120 (22.1 m³)	2561 (32.2 m³)	3028 (39.2 m³)
32 °C	1909 (19 m³)	2313 (27.8 m³)	2736 (34.5 m³)
43 °C	1370 (10.8 m³) ⁽¹⁾	1690 (16.3 m³) ⁽¹⁾	2025 (21.5 m³) ⁽¹⁾

(1) Overheating maximum suction 10k

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