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General features : RS3180

RS range unit coolers have been designed to be installed inside cold rooms suited for fresh and frozen goods storage.

Their shape, being extremely compact, make their installation possible also in cold rooms having very small dimensions

RS range unit coolers are available in two main versions: the one suited for high temperature (differentiated fin spacing 3,5/7mm); the other version suited for medium and low temperature application (differentiated fin spacing 4,5/9mm).

In models for high temperature the version with the fitted defrosting heater is not available; for these models the heaters are optional items and they will be supplied not mounted.

The models for medium and low temperature application are available in the version supplied without defrosting heater (mod. RS...B) and with defrosting heater mounted and wired on the unit cooler's terminal box as well (mod. RS...BED).

The coil is made of aluminium fins and 3/8" copper tube with geometry 25x22
It is tested with nitrogen at a pressure of 25 bar

The fan motor models in use have the following features:

Manufactured following EN 60335-1 laws, with internal thermal protection

Draw through air flow

Fan guard made of plastic and brackets made of steel

Fan diameter 200mm, 34° inclination

Power supply 220-240V/1/50-60Hz

IP42 protection rate

Operating temperature from -40°C to +40°C

B insulation class

It is tested with nitrogen at a pressure of 25 bar

The housing is made of aluminium

The manufacturing solutions used give the housing strength and guarantee the absence of vibrations during the functioning.

Screws, washers and nuts are made of stainless steel

The B and BED models are supplied with fitted drip tray



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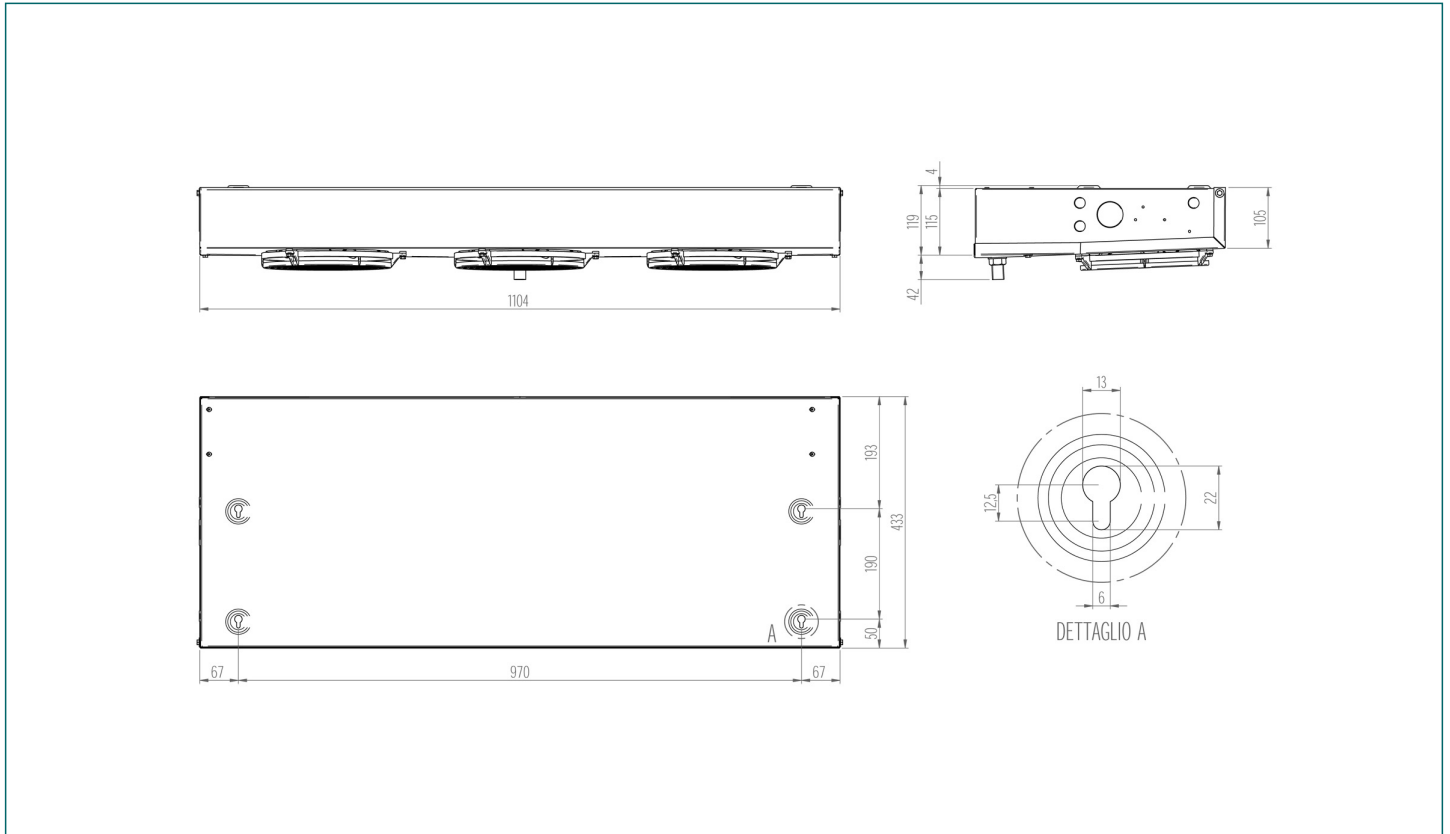
Product file : Unit coolers

Code	RS3180
Model	Ceiling
Range	RS
Application	MBP
Net weight	10,5 kg
Inlet connection	12 mm-1/2" SAE
Outlet connection	16 mm
Drain connection	1/2" Gas (20mm)
Ped	0
Rows	4
Fin spacing	3,5/7
Circuit volume	1,15 dm ³
Total surface	4,77 m ²

Fan motor

Fans no.	3
Diameter	200 mm
Power supply	220-240/1/50-60
Speed	1300 rpm
Power consumption	129 W
Current consumption	0,75 A
Air flow	705 m ³ /h
Air throw	3 m

Technical drawing - RS3180



Refrigerating capacity table (watt) - Gas : R404A

dT \ Tc	-5°C	0°C	2°C	4°C	6°C	8°C	10°C	12°C	15°C
10	1300	1380	1390	1400	1410	1420	1440	1480	1540
9	1150	1220	1230	1240	1250	1270	1290	1310	1340
8	1000	1060	1072	1084	1096	1108	1120	1140	1170
7	841	890	897	905	913	921	940	958	985
6	684	727	735	743	751	759	775	792	818
5	515	551	556	561	566	580	594	609	632