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General features : RCMR1350604

RCMR ø350 range unit coolers have been designed to be installed inside cold rooms suited for fresh and frozen goods storage

This range completes the RC and RCS range applications and though having extremely compact dimensions, reaches bigger capacities suited for medium size cold rooms

RCMR ø350 range is available in different combinations of fin spacing dimensions and tube rows properly sized according to the needed applications

The ED version is supplied with mounted defrosting heaters and is suitable for being used at low temperature applications

The fan motors operate in the suction mode and prevent the condensate forming on the fan

The coil is made of aluminium fins, 12 mm copper tube and a geometry of 37,5 x 32,5

RCMR ø350 unit coolers can be classified in three groups according to the needed cold room temperature (Tc): 4mm fin spacing for a Tc from -5°C to +15°C; 6mm fin spacing for a Tc from -20°C to +15°C; 8mm fin spacing for a Tc from -40°C to +4°C.

The coils are 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

Fan diameter 350 mm, external rotor

Power supply 230-240V/1/50-60Hz

IP44 protection rate

F insulation class

operating temperature -40°C a +65°C

Electrics made in conformity with 2006/95/CE Low Tension directive

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



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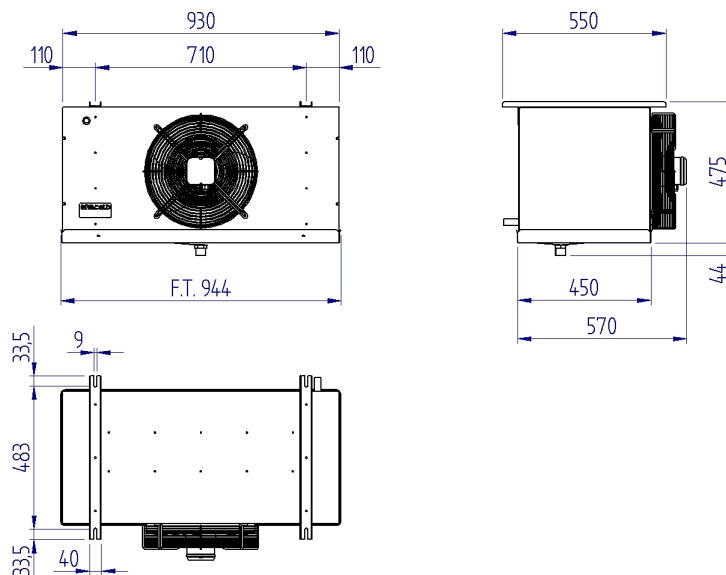
Product file : Unit coolers

Code	RCMR1350604
Model	Ceiling cubic unit cooler
Range	RCMR
Application	HBP
Net weight	28,2 kg
Inlet connection	12 mm-1/2" SAE
Outlet connection	22 mm
Drain connection	1" Gas (33mm)
Ped	0
Rows	6
Fin spacing	4
Circuit volume	5,35 dm ³
Total surface	23,9 m ²

Fan motor

Type	AC
Fans no.	1
Diameter	350 mm
Power supply	230/1/50-60
Speed	1400 rpm
Power consumption	130 W
Current consumption	0,58 A
Air flow	2081.5 m ³ /h
Air throw	10 m

Technical drawing - RCMR1350604



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	5850 ⁽¹⁾	6280 ⁽¹⁾	6400	6510	6620	6740	6880	7080	7380
9	5370 ⁽¹⁾	5780 ⁽¹⁾	5880	5980	6070	6190	6350	6520	6775
8	4870 ⁽¹⁾	5240 ⁽¹⁾	5330	5410	5500	5610	5780	5940	6180
7	4350 ⁽¹⁾	4690 ⁽¹⁾	4760	4810	4910	5040	5180	5330	5555
6	3780 ⁽¹⁾	4100 ⁽¹⁾	4160	4210	4290	4440	4580	4740	4980
5	3250 ⁽¹⁾	3540 ⁽¹⁾	3590	3650	3760	3890	4030	4170	4380

(1) Applicazione fuori dal campo consigliato