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General features : RCMR2350408

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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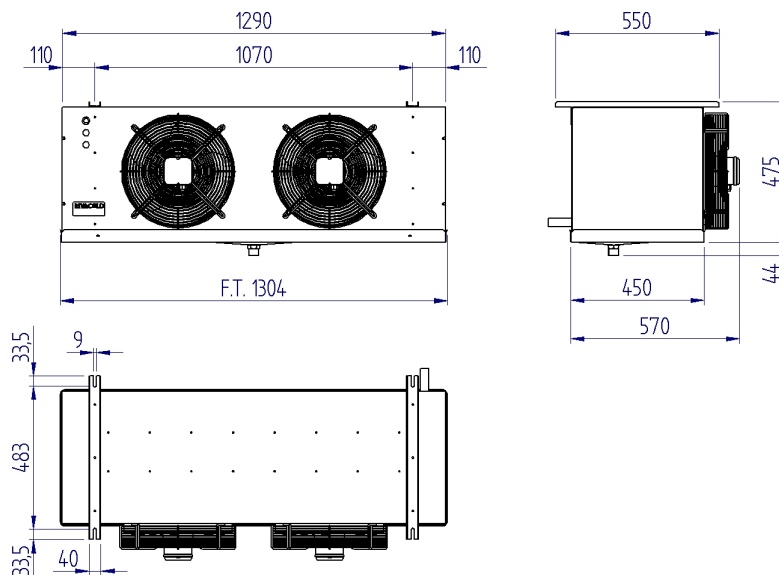
Product file : Unit coolers

Code	RCMR2350408ED
Model	Ceiling cubic unit cooler
Range	RCMR
Application	LBP
Net weight	37 kg
Inlet connection	12 mm-1/2" SAE
Outlet connection	28 mm
Drain connection	1" Gas (33mm)
Ped	0
Rows	4
Fin spacing	8
Circuit volume	5,26 dm ³
Total surface	13 m ²

Fan motor

Type	AC
Fans no.	2
Diameter	350 mm
Power supply	230/1/50-60
Defrost	2800 W
Speed	1400 rpm
Power consumption	260 W
Current consumption	1,16 A
Air flow	4503 m ³ /h
Air throw	14 m

Technical drawing - RCMR2350408



Refrigerating capacity table (watt) - Gas :

dT \ Tc	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	2°C	4°C
10	4420 ⁽¹⁾	4850	5250	5580	5840	6070	6310	6580	6920	6990	7050
9	4110 ⁽¹⁾	4490	4840	5100	5310	5520	5730	5980	6300	6360	6410
8	3790 ⁽¹⁾	4100	4380	4590	4770	4940	5130	5370	5660	5720	5750
7	3420 ⁽¹⁾	3680	3900	4060	4200	4350	4520	4740	5020	5050	5090
6	3020 ⁽¹⁾	3230	3390	3520	3630	3740	3890	4100	4370	4400	4450
5	2590 ⁽¹⁾	2740	2860	2950	3030	3140	3290	3480	3740	3770	3820

(1) Applicazione fuori dal campo consigliato