



INDICATIVE PRODUCT IMAGE

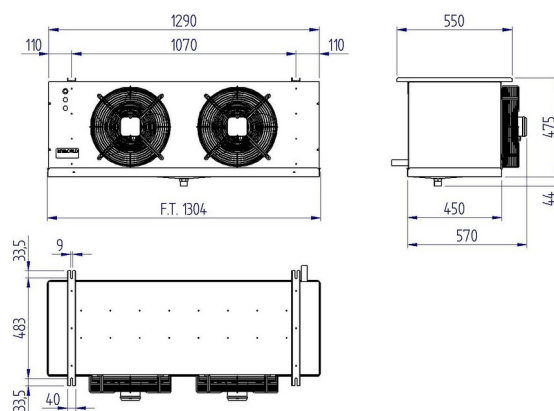
## Product file

Code	RCMR2350408ED
Range	RCMR
Model	Cubic
Application	LBP
PED	0
Rows number	4
Total surface	13 m <sup>2</sup>
Defrosting (Watt)	2800 W
Net weight	37 kg
Inlet connection	12 mm-1/2" sae
Outlet connection	28 mm
Drain connection	1" Gas (33mm)
Fin spacing	8
Circuit volume	5.26 dm <sup>3</sup>

## Fan-motor

Type	External rotor
Fan-motors no.	2
Diameter	350 mm
Power supply	230/1/50-60
High speed	1400 rpm
Power consumption	260 W
Current consumption	1.16 A
Air flow	4503 m <sup>3</sup> /h
Air throw	14 m

## Technical data - RCMR2350408ED



## Refrigerating capacity table (W) - RCMR2350408ED

### High speed - RCMR2350408ED

$\Delta T \setminus$ Cold room Temp	-40 °C	-35 °C	-30 °C	-25 °C	-20 °C	-15 °C	-10 °C	-5 °C	0 °C	2 °C	4 °C
5 K	2849 <sup>(1)</sup>	3014	3146	3245	3333	3454	3619	3828	4114	4147	4202
6 K	3322 <sup>(1)</sup>	3553	3729	3872	3993	4114	4279	4510	4807	4840	4895
7 K	3762 <sup>(1)</sup>	4048	4290	4466	4620	4785	4972	5214	5522	5555	5599
8 K	4169 <sup>(1)</sup>	4510	4818	5049	5247	5434	5643	5907	6226	6292	6325
9 K	4521 <sup>(1)</sup>	4939	5324	5610	5841	6072	6303	6578	6930	6996	7051
10 K	4862 <sup>(1)</sup>	5335	5775	6138	6424	6677	6941	7238	7612	7689	7755

(1) Application outside the recommended range

**Values referred to :**  
 Gas R452A



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## General features

- 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