



INDICATIVE PRODUCT IMAGE

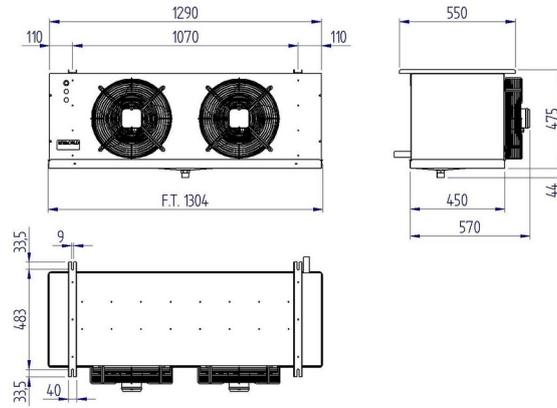
Product file

Code	RCMR2350406ED
Range	RCMR
Model	Cubic
Application	MBP
PED	0
Rows number	4
Total surface	16.8 m ²
Defrosting (Watt)	2800 W
Net weight	38.1 kg
Inlet connection	12 mm-1/2" sae
Outlet connection	28 mm
Drain connection	1" Gas (33mm)
Fin spacing	6
Circuit volume	5.26 dm ³

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	4287 m ³ /h
Air throw	14 m

Technical data - RCMR2350406ED



Refrigerating capacity table (W) - RCMR2350406ED

High speed - RCMR2350406ED

$\Delta T \setminus$ Cold room Temp	-20 °C	-15 °C	-10 °C	-5 °C	0 °C	2 °C	4 °C	6 °C	8 °C	10 °C	12 °C	15 °C
5 K	3363 ⁽¹⁾	3496	3667	3886	4180	4209	4266	4380	4503	4636	4779	4992
6 K	3990 ⁽¹⁾	4142	4332	4570	4883	4912	4969	5035	5178	5311	5453	5667
7 K	4598 ⁽¹⁾	4788	4997	5244	5567	5605	5643	5719	5843	5976	6109	6308
8 K	5216 ⁽¹⁾	5425	5662	5938	6280	6337	6384	6470	6546	6717	6859	7073
9 K	5786 ⁽¹⁾	6042	6308	6612	6983	7049	7106	7192	7277	7429	7581	7809
10 K	6375 ⁽¹⁾	6641	6935	7268	7657	7743	7819	7885	8018	8094	8284	8569

(1) Application outside the recommended range

Values referred to :
Gas R449A Mid



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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 fan 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