



INDICATIVE PRODUCT IMAGE

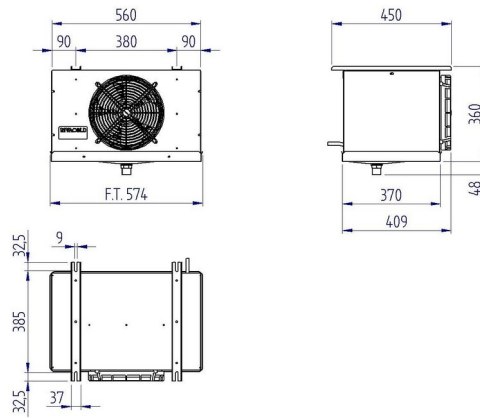
### Product file

Code	RCS1250606ED
Range	RCS
Model	Cubic
Application	MBP
PED	0
Rows number	6
Total surface	7.3 m <sup>2</sup>
Defrosting (Watt)	750 W
Net weight	14.5 kg
Inlet connection	12 mm-1/2" sae
Outlet connection	12 mm
Drain connection	1" Gas (33mm)
Fin spacing	6
Circuit volume	2.58 dm <sup>3</sup>

### Fan-motor

Type	Shielded poles
Fan-motors no.	1
Diameter	254 mm
Power supply	230/1/50-60
High speed	1300 rpm
Power consumption	80 W
Current consumption	0.35 A
Air flow	809 m <sup>3</sup> /h
Air throw	8 m

## Technical data - RCS1250606ED



**Refrigerating capacity table (W) - RCS1250606ED**

**High speed - RCS1250606ED**

$\Delta T \setminus$ 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	608 <sup>(1)</sup>	641	685	735	798	808	817	838	864	891	921	965
6 K	737 <sup>(1)</sup>	791	835	910	979	988	998	1017	1055	1083	1112	1154
7 K	854 <sup>(1)</sup>	924	988	1064	1150	1159	1169	1178	1216	1254	1283	1325
8 K	969 <sup>(1)</sup>	1045	1131	1216	1311	1330	1349	1368	1397	1435	1473	1530
9 K	1074 <sup>(1)</sup>	1159	1264	1368	1473	1501	1520	1539	1568	1615	1653	1710
10 K	1159 <sup>(1)</sup>	1273	1387	1501	1625	1653	1682	1710	1729	1777	1834	1919

(1) Application outside the recommended range

**Values referred to :**  
Gas R449A Mid



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#### General features

- RCS 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
- RCS 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
- RCS 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
- Each fin spacing group is also available with 4 and 6 rows.
- 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 250mm
  - Power supply 230-240V/1/50-60Hz
  - IP44 protection rate
  - F insulation class
  - Operating temperature from -40°C to +40°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