



INDICATIVE PRODUCT IMAGE

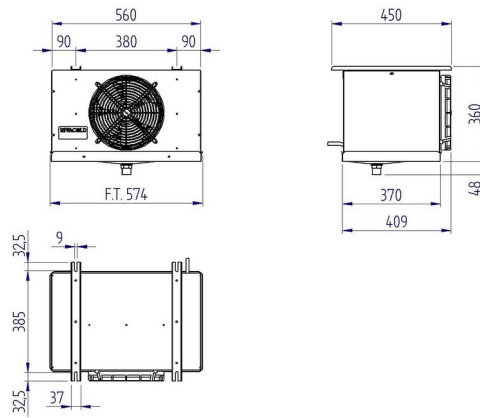
Product file

Code	RCS1250606ED
Range	RCS
Model	Cubic
Application	MBP
PED	0
Rows number	6
Total surface	7.3 m ²
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 ³

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 ³ /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	704 ⁽¹⁾	743	793	851	924	935	946	970	1000	1032	1066	1118
6 K	854 ⁽¹⁾	916	967	1054	1133	1144	1155	1177	1221	1254	1287	1337
7 K	989 ⁽¹⁾	1070	1144	1232	1331	1342	1353	1364	1408	1452	1485	1535
8 K	1122 ⁽¹⁾	1210	1309	1408	1518	1540	1562	1584	1617	1661	1705	1771
9 K	1243 ⁽¹⁾	1342	1463	1584	1705	1738	1760	1782	1815	1870	1914	1980
10 K	1342 ⁽¹⁾	1474	1606	1738	1881	1914	1947	1980	2002	2057	2123	2222

(1) Application outside the recommended range

Values referred to :
Gas R452A



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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