



INDICATIVE PRODUCT IMAGE

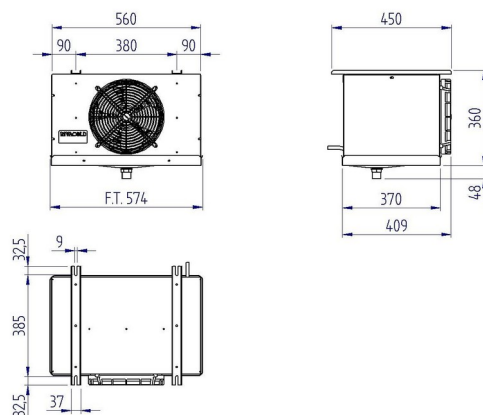
Product file

Code	RCS1250408ED
Range	RCS
Model	Cubic
Application	LBP
PED	0
Rows number	4
Total surface	3.8 m ²
Defrosting (Watt)	750 W
Net weight	13.6 kg
Inlet connection	12 mm-1/2" sae
Outlet connection	12 mm
Drain connection	1" Gas (33mm)
Fin spacing	8
Circuit volume	1.72 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	982 m ³ /h
Air throw	8 m

Technical data - RCS1250408ED



Refrigerating capacity table (W) - RCS1250408ED

High speed - RCS1250408ED

$\Delta T \setminus$ 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	421	449	476	493	513	534	557	589	627	633	638
6 K	510	552	594	622	648	674	704	739	783	787	792
7 K	589	646	703	750	780	813	849	888	937	941	946
8 K	658	732	805	867	917	953	994	1043	1098	1106	1111
9 K	713	805	898	977	1041	1085	1133	1188	1254	1265	1276
10 K	766	872	979	1077	1155	1210	1276	1342	1408	1419	1430

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