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General features : RCS1250608

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



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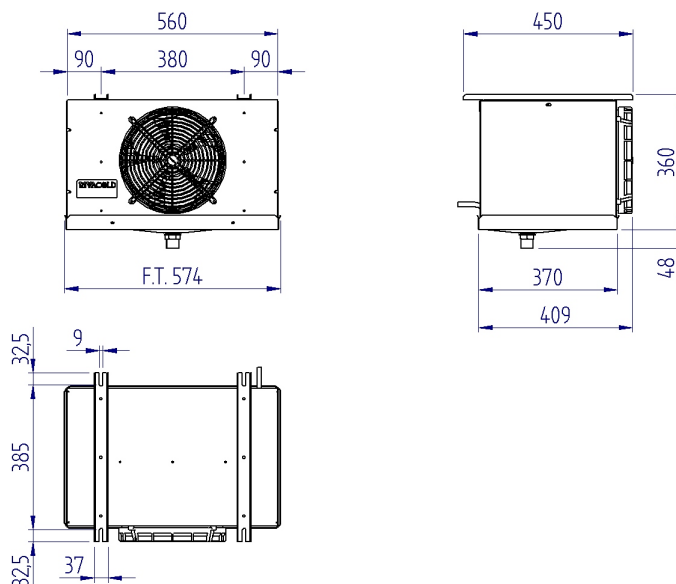
Product file : Unit coolers

Code	RCS1250608ED
Model	Ceiling cubic unit cooler
Range	RCS
Application	LBP
Net weight	14,1 kg
Inlet connection	12 mm-1/2" SAE
Outlet connection	12 mm
Drain connection	1" Gas (33mm)
Ped	0
Rows	6
Fin spacing	8
Circuit volume	2,58 dm ³
Total surface	5,7 m ²

Fan motor

Type	AC
Fans no.	1
Diameter	254 mm
Power supply	230/1/50
Defrost	750 W
Speed	1300 rpm
Power consumption	80 W
Current consumption	0,35 A
Air flow	874 m ³ /h
Air throw	8 m

Technical drawing - RCS1250608



Refrigerating capacity table (watt) - Gas :

dT \ Tc	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	2°C	4°C
10	699	800	901	1030	1160	1270	1360	1460	1570	1600	1620
9	656	750	844	962	1070	1160	1240	1330	1420	1450	1460
8	601	690	779	877	964	1040	1100	1180	1270	1280	1290
7	527	615	703	782	851	903	963	1030	1100	1110	1120
6	479	547	615	677	731	770	820	875	942	947	953
5	413	465	517	560	593	630	670	717	775	790	800