



INDICATIVE PHOTO

General features : RCS3250608

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 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

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



INDICATIVE PHOTO

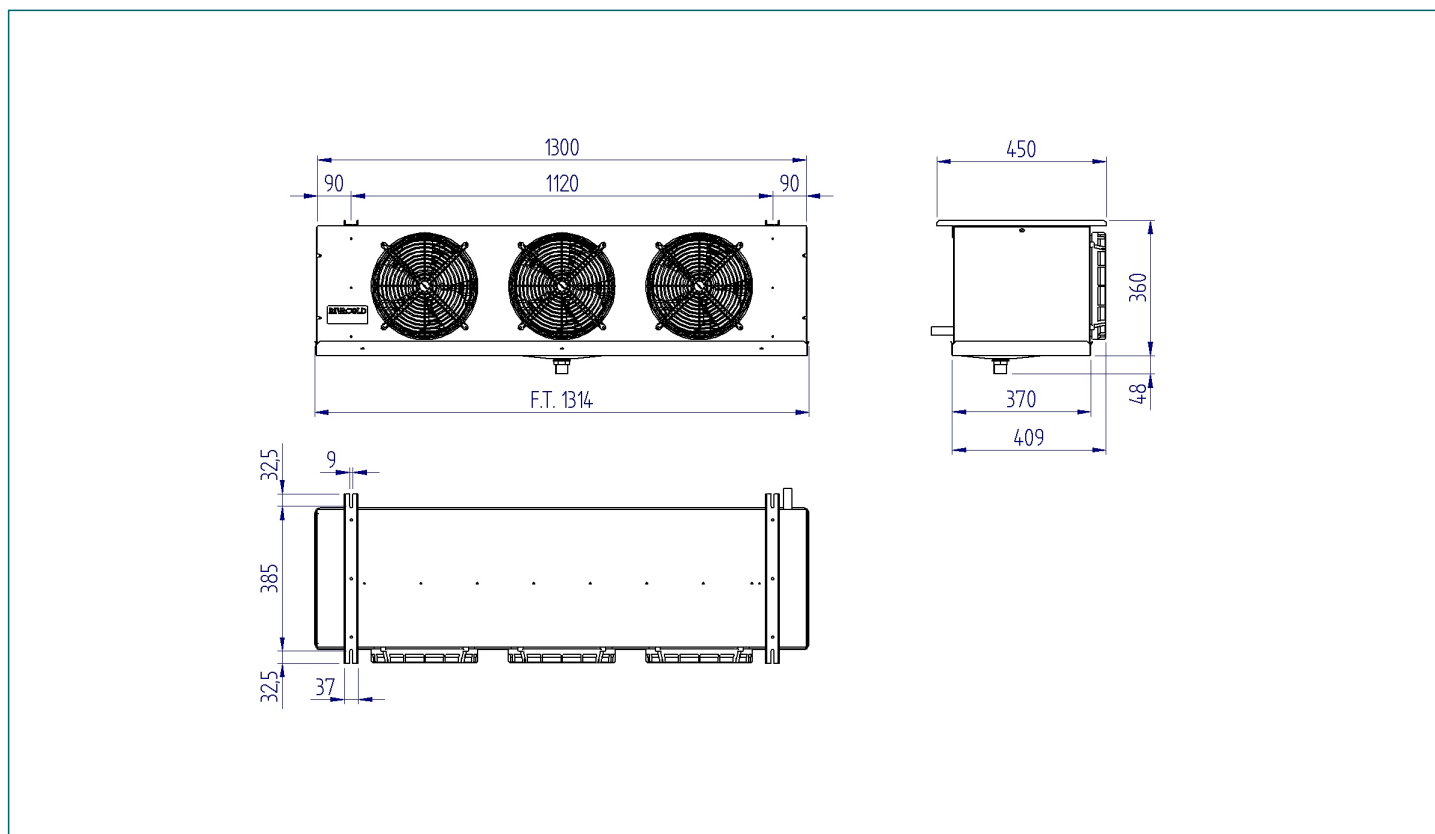
Product file : Unit coolers

Code	RCS3250608ED
Model	Ceiling cubic unit cooler
Range	RCS
Application	LBP
Net weight	30,3 kg
Inlet connection	12 mm-1/2" SAE
Outlet connection	22 mm
Drain connection	1" Gas (33mm)
Ped	0
Rows	6
Fin spacing	8
Circuit volume	6,92 dm ³
Total surface	16,7 m ²

Fan motor

Type	AC
Fans no.	3
Diameter	254 mm
Power supply	230/1/50
Defrost	1950 W
Speed	1300 rpm
Power consumption	240 W
Current consumption	1,05 A
Air flow	2622 m ³ /h
Air throw	13 m

Technical drawing - RCS3250608



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	2250	2620	2990	3380	3720	3980	4260	4540	4850	4920	4980
9	2070	2430	2790	3120	3400	3610	3850	4090	4370	4420	4470
8	1950	2250	2550	2820	3020	3220	3420	3630	3870	3910	3940
7	1780	2030	2280	2490	2640	2800	2970	3140	3350	3370	3390
6	1580	1780	1980	2110	2250	2370	2510	2660	2850	2860	2880
5	1380	1500	1620	1730	1830	1930	2040	2170	2340	2370	2400