



INDICATIVE PRODUCT IMAGE

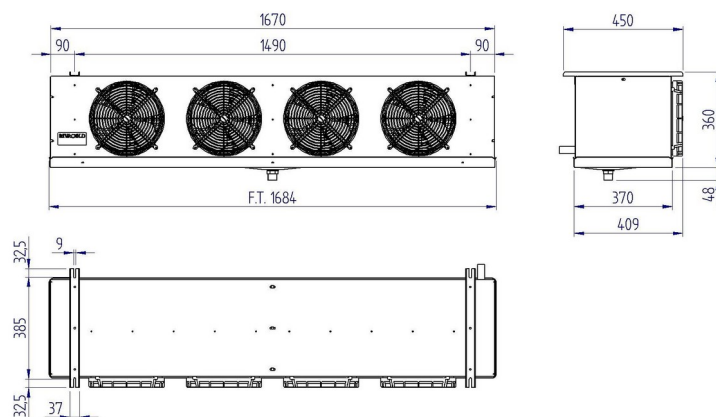
Product file

Code	RCS4250608ED
Range	RCS
Model	Cubic
Application	LBP
PED	0
Rows number	6
Total surface	22.2 m ²
Defrosting (Watt)	2700 W
Net weight	41.2 kg
Inlet connection	16 mm-5/8" sae
Outlet connection	28 mm
Drain connection	1" Gas (33mm)
Fin spacing	8
Circuit volume	9.1 dm ³

Fan-motor

Type	Shielded poles
Fan-motors no.	4
Diameter	254 mm
Power supply	230/1/50-60
High speed	1300 rpm
Power consumption	320 W
Current consumption	1.4 A
Air flow	3496 m ³ /h
Air throw	15 m

Technical data - RCS4250608ED



Refrigerating capacity table (W) - RCS4250608ED

High speed - RCS4250608ED

$\Delta T \setminus$ 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	2046	2222	2398	2552	2695	2827	2992	3190	3432	3476	3520
6 K	2409	2651	2893	3124	3311	3498	3685	3916	4191	4246	4301
7 K	2651	3014	3377	3641	3894	4125	4367	4620	4928	4961	4983
8 K	2882	3333	3784	4180	4455	4752	5027	5335	5698	5742	5786
9 K	3091	3619	4147	4620	4972	5324	5676	6028	6424	6501	6567
10 K	3267	3861	4455	5016	5511	5874	6281	6688	7139	7238	7315

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