



INDICATIVE PRODUCT IMAGE

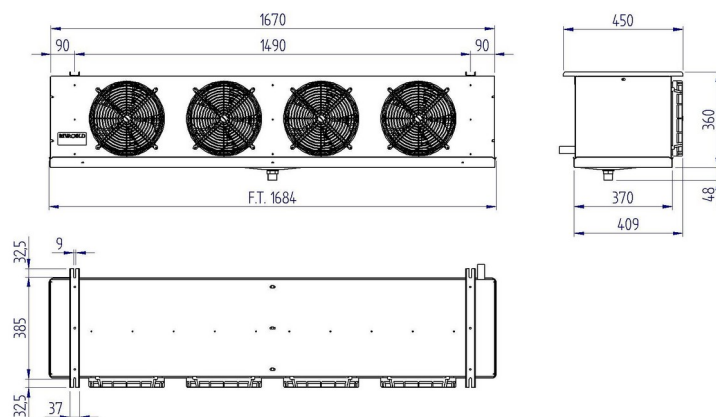
## Product file

Code	RCS4250408ED
Range	RCS
Model	Cubic
Application	LBP
PED	0
Rows number	4
Total surface	14.8 m <sup>2</sup>
Defrosting (Watt)	2700 W
Net weight	39.4 kg
Inlet connection	16 mm-5/8" sae
Outlet connection	28 mm
Drain connection	1" Gas (33mm)
Fin spacing	8
Circuit volume	6.05 dm <sup>3</sup>

## 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	3929 m <sup>3</sup> /h
Air throw	15 m

## Technical data - RCS4250408ED



## Refrigerating capacity table (W) - RCS4250408ED

### High speed - RCS4250408ED

$\Delta T \setminus$ 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	1760	1848	1936	2002	2068	2112	2200	2310	2464	2486	2508
6 K	2189	2310	2431	2541	2629	2717	2816	2948	3124	3146	3168
7 K	2530	2728	2926	3058	3179	3289	3410	3564	3740	3762	3784
8 K	2871	3124	3377	3564	3729	3872	4015	4191	4400	4433	4466
9 K	3223	3509	3795	4048	4257	4433	4620	4807	5049	5071	5082
10 K	3454	3839	4224	4510	4763	4983	5192	5423	5687	5720	5742

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