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General features : RSI4250

RSI range unit coolers have been designed to be installed inside cold rooms suited for fresh and frozen goods storage.

This range has the advantage of having extremely compact dimensions and at the same time gives capacities comparable to the RC range. This feature allows applications inside cold rooms with a minimum encumbrance in height

RSI range is available in two different fan diameters and three types of fin spacing according to the needed application.

The ED version is supplied with mounted defrosting heaters and is suitable for being used at low temperature applications.

The range consist of two types of coils, both made of aluminium fins and copper tube: 3/8" tube with a geometry of 25x22

The model types having 250mm fan diameter are fitted with a coil of 5,3mm fin spacing, suited for applications with a cold room temperature (Tc) from -30°C to +10°C

The coil is made of aluminium fins and 3/8" copper tube with geometry 25x22

It is 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

Power supply 230-240V/1/50-60Hz

The model types having 350mm fan diameter are made of two different groups: models with 3,5mm fin spacing suited for cold room temperature (Tc) from -5°C to +15°C; models with 7mm fin spacing suited for cold room temperature (Tc) from -40°C to +4°C.

IP42 protection rate

Operating temperature from -40°C to +40°C

B insulation class

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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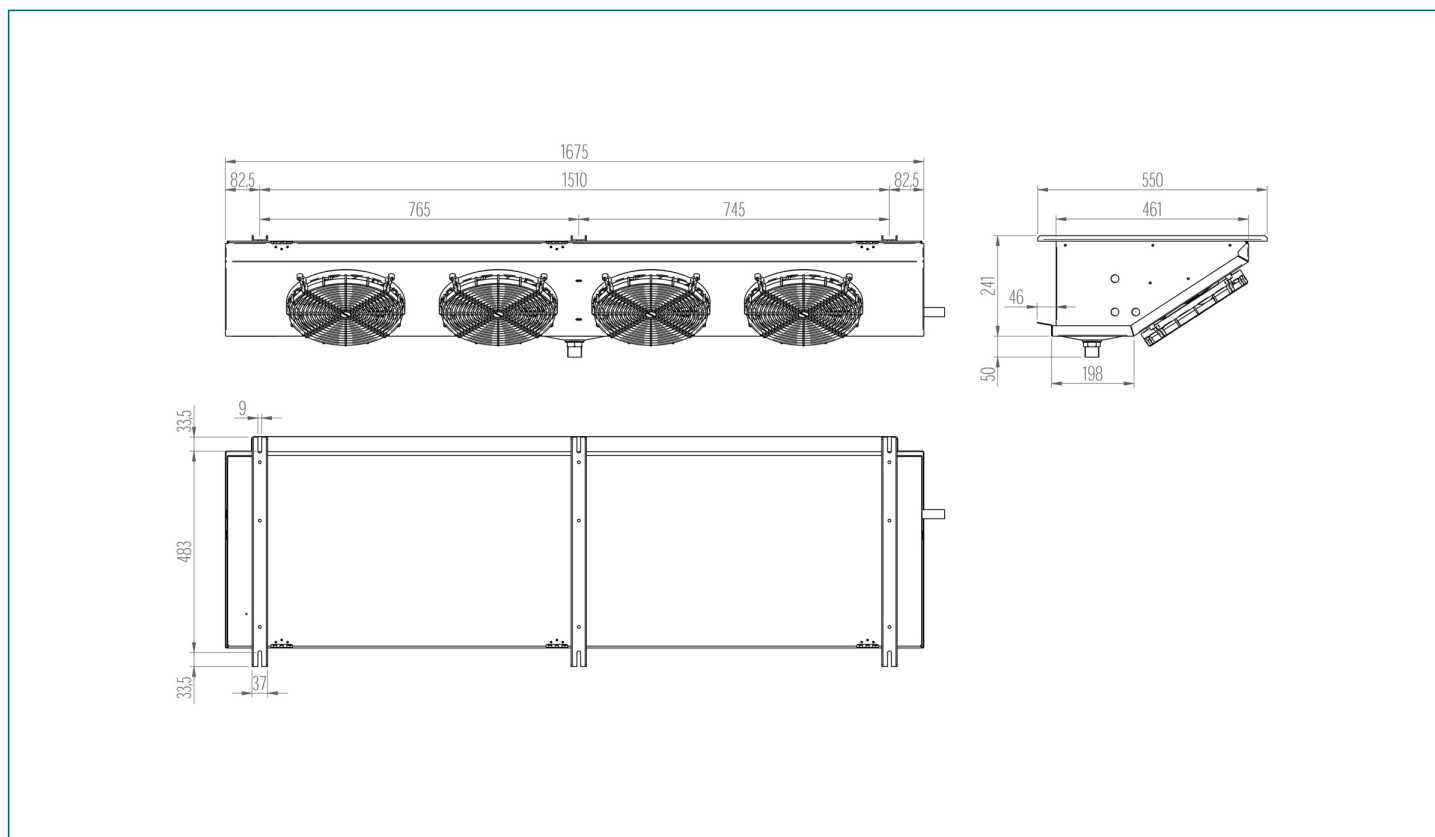
Product file : Unit coolers

Code	RSI4250ED
Model	Ceiling
Range	RSI
Application	MBP
Net weight	28,5 kg
Inlet connection	12 mm
Outlet connection	22 mm
Drain connection	1" Gas (33mm)
Ped	0
Rows	6
Fin spacing	5,3
Circuit volume	4,19 dm ³
Total surface	14,6 m ²

Fan motor

Type	AC
Fans no.	4
Diameter	254 mm
Power supply	220-240/1/50-60
Defrost	1800 W
Speed	1300 rpm
Power consumption	240 W
Current consumption	2 A
Air flow	2275 m ³ /h
Air throw	9.5 m

Technical drawing - RSI4250



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	6°C	8°C	10°C	12°C	15°C
10	2040 (1)	2390 (1)	2800	3210	3590	3880	4160	4490	4860	4970	5070	5150	5250	5380	5560	5830
9	1930 (1)	2260 (1)	2630	2980	3300	3560	3790	4090	4420	4510	4590	4660	4750	4920	5060	5270
8	1800 (1)	2110 (1)	2430	2730	2990	3170	3400	3660	3960	4030	4090	4150	4240	4400	4530	4725
7	1660 (1)	1930 (1)	2200	2440	2630	2790	2980	3210	3470	3520	3570	3610	3740	3860	3980	4160
6	1490 (1)	1720 (1)	1930	2120	2260	2390	2560	2760	3000	3040	3070	3130	3260	3370	3490	3670
5	1300 (1)	1480 (1)	1630	1760	1860	1980	2120	2290	2510	2530	2550	2660	2760	2860	2970	3135

(1) Applicazione fuori dal campo consigliato