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## General features : RSI1250

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 25

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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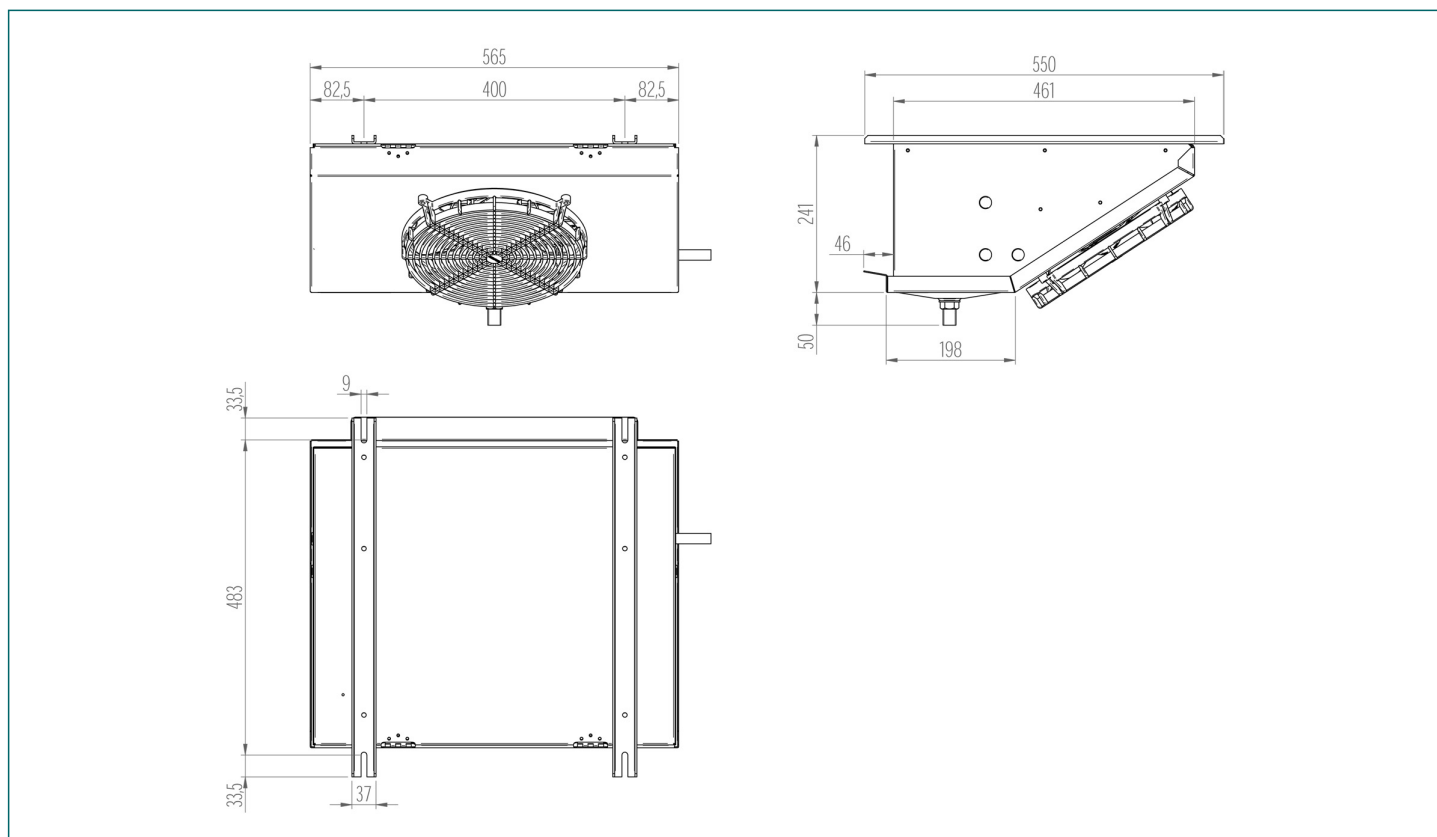
## Product file : Unit coolers

Code	RSI1250ED
Model	Ceiling
Range	RSI
Application	MBP
Net weight	9,6 kg
Inlet connection	12 mm
Outlet connection	16 mm
Drain connection	1/2" Gas (20mm)
Ped	0
Rows	6
Fin spacing	5,3
Circuit volume	1,2 dm <sup>3</sup>
Total surface	3,73 m <sup>2</sup>

## Fan motor

Type	AC
Fans no.	1
Diameter	254 mm
Power supply	220-240/1/50-60
Defrost	500 W
Speed	1300 rpm
Power consumption	60 W
Current consumption	0,5 A
Air flow	583 m <sup>3</sup> /h
Air throw	6.5 m

## Technical drawing - RSI1250



## 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	910 <sup>(1)</sup>	960 <sup>(1)</sup>	1010	1050	1090	1120	1150	1200	1270	1280	1290	1300	1310	1330	1370	1430
9	820 <sup>(1)</sup>	860 <sup>(1)</sup>	900	940	970	1000	1020	1070	1130	1140	1150	1160	1180	1200	1230	1275
8	720 <sup>(1)</sup>	760 <sup>(1)</sup>	790	820	840	870	890	930	990	1000	1010	1020	1030	1050	1080	1125
7	630 <sup>(1)</sup>	660 <sup>(1)</sup>	680	700	720	730	760	790	840	850	860	870	880	900	920	950
6	520 <sup>(1)</sup>	550 <sup>(1)</sup>	570	580	590	600	630	660	710	720	730	740	750	770	790	820
5	420 <sup>(1)</sup>	430 <sup>(1)</sup>	440	450	460	470	490	520	560	565	570	580	600	620	640	670

(1) Applicazione fuori dal campo consigliato