

Evaporators and air coolers REA, RBA and RGA

Series R_A is consisting of angle evaporators and air coolers very compact for small cold rooms with volume from 10 to 50 m³. Thanks their strong construction, they are available for storage of fresh or frozen products with temperatures from -25 to +20 °C.

These units are available with different type of refrigerants:

- Dry expansion evaporators HFC
- Air coolers for no frost solutions
- Dry expansion evaporators CO₂



Capacity range from 0,5 to 4,2 kW

Casing

The frame design provides high rigidity.

Casing manufactured from galvanized steel powder painted colour RAL 9002, corrosion resistant.

All rivets and bolts are in stainless steel AISI 304.

Heat exchanger

Heat exchanger is equipped with suspending tubes system that avoid the contact between tubes and frame and it provides full protection of the heat exchanger against vibrations and thermal expansions.

The coil is realized with copper pipes (rippled for REA and RBA to grant high efficiency and optimal evaporation, smooth for RGA, diam. 12 mm e minimum thickness 0,3 mm) and aluminium fins.

Evaporators HFC: PS 30 bar and TS -40 / +120 °C, according to standards PED 2014/68/EU.

Evaporators CO₂: PS 33, 45 and 60 bar and TS -40 / +120 °C, according to standards PED 2014/68/EU.

Air coolers: PS 16 bar and TS -40 / +120 °C, according to standards PED 2014/68/EU.

Fans

High efficiency fans provide high performances with limited power consumption. They are complete of thermal protection, protection grid according to EN ISO 13857, dynamically and statically balanced and according to ErP directive.

AC and EC fans are available with diameter 250 mm with motors with external rotor, insulation class F, standard protection degree IP 54 (EN 60529).

Standards

The products are designed and manufactured according to following EU Directive:

- PED 2014/68/UE
- 2006/42/CE (Machinery Directive)
- 2014/35/UE (LVD Directive)
- 2014/30/UE (EMC Directive)

Options

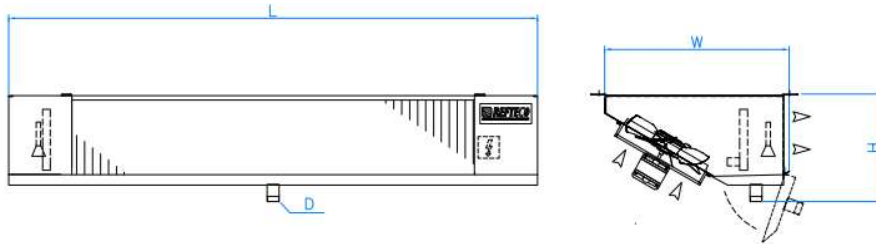
- Fins spacing 4,0 – 6,0 – 8,0 mm
- Stainless steel pipes AISI 304 or AISI 316L
- Stainless steel fins AISI 304 or AISI 316L
- Epoxy coated aluminum fins
- Protective coating on coil
- Fins alloy AlMg
- Electric defrost
- AC and EC fans wiring
- Stainless steel casing AISI 304 or AISI 316L

Code key

R	B	A	025	2	D	6	A	4	S
1	2	3	4	5	6	7	8	9	10

1. Refteco
2. Type of refrigerant (E = HFC, G = glycol, B = CO2)
3. Angle
4. Commercial
5. Fan diameter (mm)
6. Number of fans
7. Size of coil (number of rows)
8. Fins spacing (mm)
9. Type of defrost (A = air, E = electric)
10. Poles number of fans
11. Fans connection (S = single phase)

Dimensions



Model	Dimensions (mm)			
	L	W	H	D
R_A 0251	730	533	300	1"
R_A 0252	1105	533	300	1"
R_A 0253	1480	533	300	1"
R_A 0254	1855	533	300	1"

Warranty

Products are granted, against any construction defect, for 24 months from shipping date. Damage caused by normal wear, corrosion, faulty assembly or maintenance are excluded.