

Condensers RCVH

Series RCVH is consisting of condensers V shape with single row of axial fans very compact with microchannel coils suitable to be used in refrigeration and air conditioning.

Thanks use microchannel heat exchangers with very high efficiency, these condensers reach high capacities with small dimensions and lowest internal volume.

These condensing modules, thanks their V shape, can be mounted side by side and installed on a single frame by connecting them in parallel to make large remote condensers, or they can be used as individual condenser modules to make central refrigeration or chiller units.



Capacity range for each module from 70 to 108 kW with dT 15K.

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 with aluminium microchannel grants low internal volume and dimensions lower than standard version with copper pipes and aluminium fins with same capacity.

The coil is completely realized in aluminium.

PS 30 bar (40 bar for R410A) and TS -40 / +120 °C, according to standard 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 800 mm with motors with external rotor, insulation class F, standard protection degree IP 54 (EN 60529).

Noise level from 30 dB(A) at 10 m (EN 13487).

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

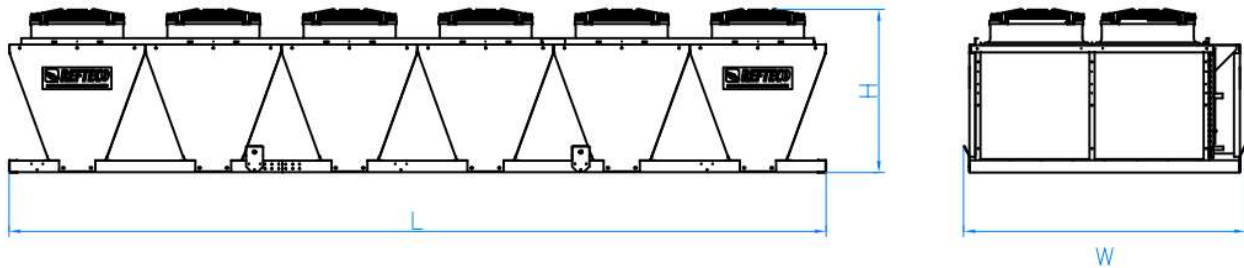
- Special fans for application with high static residual pressure
- ATEX fan
- Epoxy coated Aluminium fins
- Protective coating on coil
- Vibration dampers
- Switch off for fans
- Controllers for AC and EC fans speed regulation
- AC and EC fans wiring
- Casing with special painting
- Stainless steel casing AISI 304 or AISI 316L

Code key

R	C	H	V	090	6	C	6	D
1	2	3	4	5	6	7	8	9

1. Refteco
2. Condenser
3. Microchannel
4. V shape
5. Fan diameter (mm)
6. Fans number
7. Size of coil (number of rows)
8. Poles number of fans
9. Fans connection (D = triangle, Y = star, S = single phase)

Dimensions



Number of fans	Dimensions (mm)		
	L	W	L
2	1185	2455	1418
4	2373	2455	1418
6	3558	2455	1418
8	4743	2455	1418
10	5928	2455	1418
12	7113	2455	1418
14	8298	2455	1418

Warranty

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