CTA, France
Z.A du caillou
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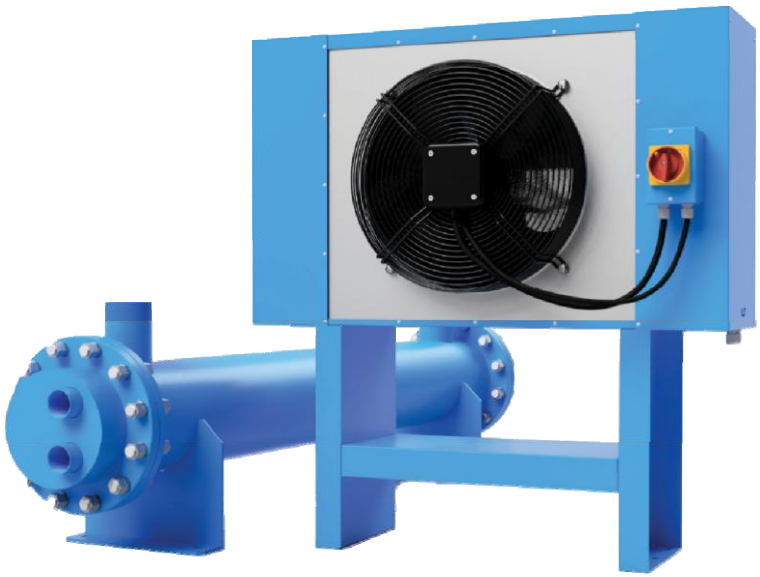
REF CTA 15914 AFTERCOOLER RA 1320

Low pressure Air aftercooler



Structure

Structure specially designed and built to guarantee total resistance to corrosion and external aggression, even over time. The frame is made of galvanized steel sheet, oven-painted with powder paint. Each refrigeration air dryer is equipped with sturdy support legs that facilitate the handling of the unit and allow a simple and quick installation.

Fan(s)

The unit is equipped at least with a premium axial fans with sickle-shaped blades and high energy efficiency motors. The electric motors are high performance AC type dedicated to refrigeration applications. They allow an optimal condensing pressure and promote the heat transfer inside the condensing coil.

Aftercooler heat exchanger

The unit is equipped with an air aftercooler that allows an immediate cooldown of the compressed air before entering in the heat exchanger of the refrigerated dryer. By assuming a pre-cooling, it offers an energy savings to the user thanks to a power input reduction due to lower refrigerant compressor installed.

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Data sheet of the configured unit

Unit		**RA**
Model		**1320**

Performance of the unit

Heat exchanger air flow rate - Normative	**m^3/h**	**1320**
Heat exchanger air flow rate - Normative	**scfm**	**777**
Heat exchanger air flow rate - Normative	**m^3/min**	**22.0**
Working pressure	**bar**	**7**
Outside air temperature	**°C**	**35**
Compressed air inlet temperature	**°C**	**99**
Compressed air outlet temperature	**°C**	**45**

Fans

Type		**Axial**
Number		**1**

Heat Exchanger

Type		**Cu/Al**
Number		**1**

Airflow data

Connection diameter	**" BSPT**	**2-1/2"**
Type of connection		**Male thread**
Maximum available pressure	**bar**	**16**

Electrical data (theoretical calculations)

Power supply	**V-ph-Hz**	**380-3-50**
Maximum total power input	**kW**	**0.23**
Full load current - FLA	**A**	**0.59**
Norminal current	**A**	**0.47**

The power supply cannot be dimensioned only with the technical data in this offer. A technical approval is required. Following the order, a complete electrical data sheet of the unit will be provided.
The technical data may differ depending on the calculation method. Technical data may be revised.

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Size

Lenght	**mm**	**253**
Width	**mm**	**912**
Height	**mm**	**1128**

Weight

Net weight	**kg**	**51**

Noise levels

Sound power (A2)	**dB**	**nc**
Sound pressure at 1m (A3)	**dB(A)**	**nc**
Sound pressure at 10m (A3)	**dB(A)**	**nc**

(A2) Sound power level calculated according to ISO3744
(A3) Sound pressure according to ISO3744 measured in free field and using a directional factor Q=2

Technical & Marketing Littérature

Piping & Instrumentation Diagram	-
Dimensional drawing - 2D	
Wiring Diagram	-
Product Presentation	-

Dimensional drawing