Condensate Management

Pneumatech's condensate management portfolio includes solutions for separating, draining, detecting and treating oily condensate.

We offer three types of condensate drains depending on your needs: a timer drain, a mechanical zero loss float drain and an electronic zero loss drain. Also for condensate treatment we give you the choice, i.e. between the cost-competitive ECOBOX solution and our premium, patented OWS technology.

CA -
Air cooled aftercoolers

CA - Air cooled aftercoolers

Features & Benefits

- Highly efficient axial fans
- Cooling down to 10°C/18°F above ambient
- Negligible pressure drop
- Robust construction and compact design
- Easy to dismantle for cleaning

General Specifications

- Air cooled aftercooler
- Max. operating pressure: 15 bar / 218 PSI
- Operating temperature: 170°C / 338°F
- Approach above ambient temperature: 10°C / 18°F
- Flow Rate: 66 to 4500 Nm^3/hr (39 to 2649 cfm)

Compressed air will always be 100% saturated with water when it leaves a compressor. But also the outlet temperature has an important influence on the water load downstream the compressor. In order to minimize the load – and thus size – of the downstream refrigeration or adsorption dryer, it is therefore recommended to install a highly efficient aftercooler between the compressor and the dryer.

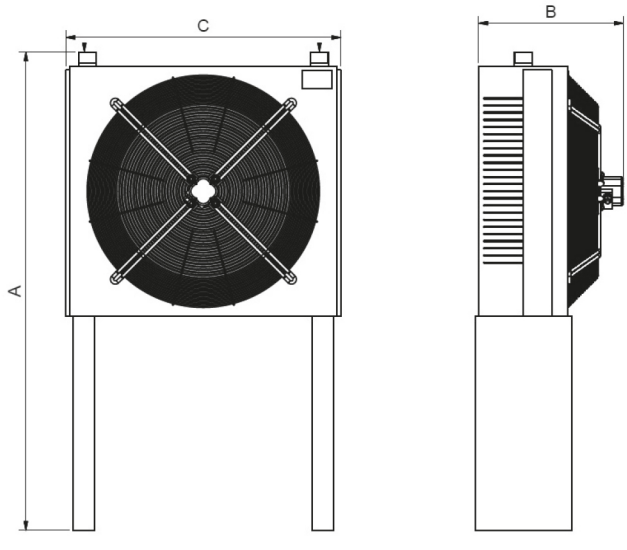
Pneumatech's air cooled aftercoolers CA 1-14 consist of a reliable axial fan with supreme efficiency. The fan forces ambient air over the copper tubes and aluminum fins of the heat exchanger. Hence the compressed air is cooled down to only 10°C/18°F above ambient temperature.

In this way, the CA is a simple product, but with a major impact on the investment and lifecycle cost of your downstream equipment!

Technical specifications for air cooled aftercoolers CA 1-14

Pneumatech Variant→ Specifications ↓	Units	CA 1	CA 2	CA 3	CA 4	CA 5	CA 6	CA 7	CA 8	CA 9	CA 10	CA 11	CA 12	CA 13	CA 14
Flow[1]	m^3/hr	66	126	222	294	390	522	774	990	1260	1560	1890	2520	3090	4500
	scfm	39	74	131	173	230	307	456	583	742	918	1112	1483	1819	2649
Connections	inch	G1"	G1"	G1 1/2"	G1 1/2"	G2"	G2"	G2"	G2 1/2"	DN100	DN100	DN100	DN100	DN125	DN125
Power Supply	Ph/Volt/Fr	1/230/50	1/230/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50	3/400/50
Fan	Ø mm -W	Ø250-45W	Ø250-45W	Ø350-110W	Ø400-130W	Ø500-540W	Ø500-540W	Ø630-370W	Ø630-370W	Ø800-1470W	Ø800-1470W	Ø800-1470W	Ø800-1470W	2xØ800-1470W	2xØ800-1470W
Dimensions	A (mm)	850	850	990	990	1175	1175	1325	1325	1800	1800	1800	2000	2090	2300
	A (inch)	33.5	33.5	39.0	39.0	46.3	46.3	52.2	52.2	70.9	70.9	70.9	78.7	82.3	90.6
	B (mm)	300	300	310	310	440	440	490	490	660	660	790	795	830	850
	B (inch)	11.8	11.8	12.2	12.2	17.3	17.3	19.3	19.3	26.0	26.0	31.1	31.3	32.7	33.5
	C (mm)	715	715	845	845	980	980	1130	1130	1590	1590	1560	1740	1850	2010
	C (inch)	28.1	28.1	33.3	33.3	38.6	38.6	44.5	44.5	62.6	62.6	61.4	68.5	72.8	79.1
Weight	Kg	19	20	27	29	44	48	61	66	127	143	148	166	212	315
	Lbs	41.9	44.1	59.5	63.9	97.0	105.8	134.5	145.5	280.0	315.3	326.3	366.0	467.4	694.5

1. Flow refers to 1 bar and 20°C at 7 bar operating pressure.



Note : In- and outlet connections can be chosen freely in the 4 corners of the heat exchanger

pneumatech

Pure air . Pure gas

Pneumatech reserves the right to change or revise specifications and product design in connection with any features of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

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