



AIRBLAST

COMPRESSED AIR AFTER COOLERS



Clean, dry compressed air with Airblast aftercoolers

Compressed-air conditioning is indispensable for ensuring fault-free performance of blasting and paintspraying equipment as well as for compressed air tools.

Conditioned compressed air contributes to improving the quality of blasted surfaces since most of the oil and water have been removed from the compressed air. Conditioned air improves productivity, reduces maintenance and lowers operating costs.

The most prevalent contaminant in compressed air is water. Water, in the form of vapor, enters the air system at the compressor intake, and is concentrated to the saturation point by compression. As cooling occurs downstream of the compressor, the moisture in this saturated air condenses into harmful liquid water.

Still another contaminant, oil, is injected into air systems by lubricated compressors. Many liters of oil can enter an air system over the course of time in this way.

Dirt takes many forms in air systems since it enters from several different sources. Small particles of dust, not removed by intake filters are again concentrated by compression with the result that pipescale forms over time.

Airblast compressed-air conditioning equipment removes all contaminants and ensures dry and clean air.

Air-cooled compressed air aftercoolers

Airblast air-cooled after coolers utilize free and readily available atmospheric air as the cooling medium. The hot and with moisture laden compressed air is effectively treated to reduce and eliminate the moisture load on downstream equipment. Our units will keep your blasting- and painting equipment running.

The units are available as electrically or pneumatically operated models and are supplied complete with a moisture separator, oiler and moisture separator for pneumatic motor and are fitted in a heavy duty transport frame.

Compressed air filters

Airblast filters protect compressed air dryers, equipment, instrumentation and processes by removing compressor oils, dirt, rust and other types of contaminants. With Airblast filters your air system and pneumatic equipment will operate trouble free. We supply air filters of various types; ceramic filters capable of filtering up to 3 microns and fibre-membrane filters for filtering up to 0.01 microns. All filter elements are designed and built to provide maximum reliability and service life at the lowest possible pressure drop.

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Art. nr.	Model	Nominal capacity (m ³ /min.)	Air consumption (lpm)
5082000	ABAC-30 PN	3	250
5082500	ABAC-40 PN	4	300
5083500	ABAC-65 PN	6	450
5084000	ABAC-80 PN	8	500
5084500	ABAC-120 PN	12	600
5085000	ABAC-160 PN	16	750
5085500	ABAC-200 PN	20	750
5086000	ABAC-250 PN	25	950

Capacities are based upon the following conditions:

Ambient temperature : 21°C - 35°C
Working pressure : 7 bar (max. 12 bar)
Rel. humidity : 60%
Air inlet temperature : 120°C
Delta T : 9°C (above ambient temperature)