

Blastrite (Pty) Ltd

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Commercial Information***SURFACE PREPARATION INNOVATION*****Version I Date:** April 2009**Title:** Blastrite Aftercoolers**Clean Dry Compressed Air with Blastrite Aftercoolers**

Compressed air-conditioning is indispensable for ensuring fault-free performance of blasting and paint spraying 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.

**Types of Contamination:**

The most prevalent contaminant in compressed air is water. Water, in the form of vapour, 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 the saturated air condenses into the harmful liquid water.

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

Dirt takes many forms in the air system 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 pipe-scale forms over time.

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SURFACE PREPARATION INNOVATION

Portable/Stationary Abrasive Blast Equipment - Nozzles - Nozzle Holders - Hoses - Couplings - Lighting Wet-blast Equipment - High Pressure Waterjetting - Personal Protection - Blast Cabinets - Blastrooms Vacuum Blast/Recovery Equipment - Portable/Stationary Wheelblast Equipment - Dehumidifiers
 Pipe Cleaning/Coating - Air Treatment - Mobile Dust Collectors - Media - Paintspray Equipment
 Plural Component - Measuring Instruments

Air cooled Compressed Air After-Coolers

Blastrite air cooled after coolers utilizes free and readily available atmospheric air as the cooling medium. The hot and 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 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.

Part nr.	Model	Air Flow		
		<i>m³/h</i>	<i>L /min</i>	<i>CFM</i>
50840	RA-80	480	8 000	282
50845	RA-120	720	120 000	424
80850	RA-160	960	160 000	565
80855	RA-200	1 200	200 000	706
80860	RA-250	1 500	250 000	882

Capacities are based upon the following conditions:

Ambient temperature : 25 °C
 Working pressure : 12 bar
 Rel. Humidity : 60 %
 Air inlet temperature : 120 °C
 Air outlet temperature : 34 °C

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