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Commercial Information

SURFACE PREPARATION INNOVATION

Version Date: January 2018

Title: Aftercooler - Model 424

424 CFM AFTERCOOLER WITH 200L SEPARATOR TANK



The new integrated aftercooler is Blastrite's latest innovation to ensure productive blasting operations. Wet air exiting the blast nozzle causes **flash rust**, but it can also **clog blast pots** and indirectly cause damage to abrasive metering valves.

The small footprint is ideal for work environments where space is at a premium. The 200l separator tank has two separate chambers. The first chamber collects and removes most of the moisture through cyclonic action from the oversaturated cooled compressed air. Compressed air then moves through a purpose-built fine mesh labyrinth, trapping remaining moisture, into a settling chamber from which dried and cooled compressed air is supplied to various tools.

Not only will the denser cooled compressed air improve abrasive blasting **performance** by up to 10%, **unwanted contaminants** such as moisture and lubricating oil are also removed. Both these contaminants will contaminate abrasive blasted surfaces reducing the adhesion of the coating applied to it.

The unit comes standard with:

- pre cyclonic demister,
- air to air high efficiency radiator,
- removable legs,
- 3/4 inch certified safety valve,
- shrouded pressure gauge, and
- manual blowdown and drain valve.

• inlet pre-filter removes oil and debris in compressed air • fan cooled radiator causes moisture to condense • cyclonic action separator tank removes moisture from compressed air • fine mesh labyrinth attracts condensed moisture • settling tank reduces pressure drops • 3/4 inch safety valve, 600 CFM venting capacity • shrouded pressure gauge limits damage due to manhandling • removable legs eliminates expensive repair bills if a leg is damaged

SURFACE PREPARATION INNOVATION

Portable/Stationary Abrasive Blast Equipment - Nozzles - Nozzle Holders - Hoses - Couplings - Lighting
 Slurry Blast Equipment - Personal Protection - Blast Cabinets - Aftercoolers - Blastroom and Mobile Dust Collector
 Equipment - Vacuum Abrasive Recovery Equipment - Portable/Stationary Wheelblast Equipment
 Pipe Cleaning/Coating - Air Treatment - Media - Paintspray Equipment
 Plural Component - Measuring Instruments