

AIRPREP MOISTURE REMOVAL SYSTEM



DESCRIPTION

Behind insufficient air supply, moisture is the second largest enemy to blasting productivity. Wet air causes flash rusting, clogs blast pots with damp abrasives, damages control valves and reduces blasting productivity.

Blasting operations that simply add a Schmidt® AirPrep System have documented increased production of 12 to 15%.

Schmidt AirPrep Systems stand alone in the industry: they are manufactured to provide the highest levels of air treating capability with extremely low pressure drop.

APPLICATIONS

AirPrep Systems are designed to cool and dry compressed air used in abrasive blasting equipment. Compressed air enters a pre-filter that removes contaminants and condensed moisture. The air then travels through a fan-cooled radiator, where it is cooled to cause moisture to condense. The cooled air and water droplets flow into a separator tank, where the air expands and causes further condensation. The spinning movement of the air stream separates out the condensed moisture

FEATURES AND BENEFITS

- High performance systems
- Inlet prefilter removes oil, debris and contaminants
- Compact, vertical air flow design to improve efficiency
- Pneumatic fan motor. Includes filter, regulator, lubricator and muffler (electric fan available)
- Protective bar grating
- Portable or stationary units
- Easy transport. Skid mounted (excludes portable options) with forklift pockets and full load lifting eyes

PART NUMBERS

AC S250	AirPrep 250 cfm Moisture Removal System
AC S400	AirPrep 400 cfm Moisture Removal System
AC S750	AirPrep 750 cfm Moisture Removal System
AC S950	AirPrep 950 cfm Moisture Removal System
AC S1200	AirPrep 1200 cfm Moisture Removal System
ACS1600	AirPrep 1600 cfm Moisture Removal System

SPECIFICATIONS

Maximum Working Pressure	150 psig at 250 °F (10.3 bar at 121 °C)
Minimum Operating Temperature	35 °F at 150 psig (1.7 °C at 10.3 bar)
Moisture Removal (ACS)	Stainless steel coalescent filter

SPECIFICATIONS

Model (CFM)	Inlets/Outlets (NPT) (x) = No. of outlets	Dimensions L x W x H IN (CM) <small>(*/*Electric motor adds 5 7/8" (13 cm/15 cm) H)</small>	Weight LBS (KG)
AC S250	2" / (1) 2", (2) 1 1/2"	35 x 24 x 54* (89 x 61 x 137*)	370 (138)
AC S400	2" / (1) 2", (2) 1 1/2", (4) 1"	49 x 30 x 67* (124 x 76 x 170*)	711 (265)
AC S750	2" / (1) 2", (2) 1 1/2", (4) 1"	57 x 30 x 73* (145 x 76 x 185*)	793 (296)
AC S950	3" / (1) 3", (2) 2", (4) 1"	68 x 35 x 85* (173 x 89 x 216*)	1220 (455)
AC S1200	3" / (1) 3", (2) 2", (4) 1"	72 x 35 x 85* (183 x 89 x 216*)	1286 (480)
ACS1600	3" / (1) 3", (2) 2", (4) 1"	74 x 37 x 85* (188 x 94 x 216*)	1572 (587)