
Compressed Air Prefilter Systems

Series 2000



SKID MOUNTED DRYERS:

The ABSS Pre-Filter System offers a unique means of cooling with a most efficient moisture collection system. This has some outstanding advantages when compared with other Pre-Filter systems. These units are robustly built and fully transportable for blasting, mining and construction industries.

Compressed air enters a pre-filter for removal of particles before entering the after cooler, which lowers the temperature of the compressed air. Air is then passed through a stainless steel coalescer and media bed to knock out and collect the moisture content even further. The air is passed through the holding vessel and piped into the distribution manifold.

Collected moisture is drained via a manual ball valve at the base of the holding vessel. These units conform to AS1210.



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FEATURES

- ✓ Heavy-Duty welded chassis incorporates skid mounting with forklift pockets.
- ✓ Main vessel is a registered pressure vessel in accordance with Workcare requirements.
- ✓ High efficiency air-cooled heat exchanger provides maximum cooling and resists fouling. Aluminium fins provide optimum heat transfer and a copper header tubes help resist corrosion.
- ✓ Fan motor assembly blows cooling air across the coil with a compact vertical airflow design. Balanced fan blades reduce noise and vibration.
- ✓ Pneumatic fan motor includes filter, regulator, lubricator and muffler. (Electric motor also available)
- ✓ Multiple outlets are supplied fitted with full bore ball valves.
- ✓ Installation is via simple pipe work connections.

DEWPOINT TABLE AT 100psig ATMOSPHERIC

INLET AIR	PRESSURE DEWPOINT	DEWPOINT
130°F (54.4°C)	82°F (27.8°C)	27°F (-2.8°C)
120°F (48.9°C)	78°F (25.6°C)	22°F (-5.6°C)
110°F (43.3°C)	71°F (21.7°C)	17°F (-8.3°C)
100°F (37.8°C)	64°F (17.8°C)	12°F (-11.1°C)
90°F (32.2°C)	58°F (14.4°C)	7°F (-13.9°C)

MODEL	NORMAL AIRFLOW	CONNECTIONS
APC300	300cfm (1411/s)	40mm (1 ½")
APC500	500cfm (2351/s)	50mm (2")
APC1000	1000cfm (4711/s)	75mm (3")