



AIR FILTER DRYERS

CRYSTAL MARK, INC.



We also offer a Desiccant Dryer Filter Assy **Model 7448-1**.

This model offers a capacity of 10SCFM Air Flow at a maximum of 150 PSIG. The Air Dryer holds 1.8 pounds of replaceable Desiccant which changes color for instant status of the Compressed Air System

Desiccant filter replacements can be ordered as needed using our P/N 7449-1.

As with all micro abrasive blasting systems, the SWAM® and SWAM-BLAST® Equipment require clean, dry air for efficiency. For the manual systems, the **Model 36-18 Air Dryer** is available and offers a three-stage dryer/filter.



- **FIRST STAGE Separates:** Entering air is spun around a stationary cone coalescing water and oil droplets, breaking up brittle scale, and discharging the moisture through the drain mechanism.
- **SECOND STAGE Dries:** A desiccant, contained in a non-absorbent bag, draws water and oil vapors out of the air flow. Medium sized particles are prohibited from passage.
- **THIRD STAGE Filters:** A multiple layer disc pack of final filters removes particles to 1 micron in size.

Within the Second Stage is a *Clay Desiccant*. Effective for both water and oil removal. Requires no coalescing or air preparation. The clay is a general purpose desiccant which can be used in any air drying system. It produces initial dew point depressions (pressure dew points) of 20 to 25 degrees F. Life expectancy is up to three months depending on humidity, flow rate and frequency of operation.

In addition to the Clay Desiccant, we also offer a *Molecular Sieve Desiccant*. Highly porous Alumina-silicate complexes which produce exceptionally low dew points – as much as an 80 degree F initial pressure dew point depression. Molecular sieve material will be coated with oil passing through the system thereby reducing efficiency and life expectancy. Therefore they are generally used with oilless compressors or in conjunction with coalescers to remove oil before the air enters the dryer/filter.



Best for SWAM® Automated Systems, the **Model 2B Air Dryer** offers a capacity of 13 SCFM at 100 psi (368 liters per minute at 7kg/cm²). The Model 2B Air Dryer holds 25 pounds of Super-Dry Tablet Desiccant that is capable of producing a 30°F dew point suppression.

Specifications	Model 7448-1	Model 36-18	Model 2B
Outside Diameter	9.06"	3"	6-3/16"
Overall Length	13.50"	14"	24"
Approx. Weight	8 pounds	5 pounds	32 pounds
Part Number	7448-1	6032-1	6017-1
Price	\$350.00	\$409.00	\$1,500.00

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