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LA-MAN Extractor/Dryers



Extractor/ Dryer®

The patented Extractor/ Dryer is a two-stage, point-of-use compressed air filter. Designed primarily for the final usage of air, it will remove water, oil and other contaminants from compressed air lines. Developed for air driven tools, paint spraying, manufacturing equipment or any other compressed air equipment to produce clean, dry, compressed air. In return you receive extended equipment life, improved product quality, reduced downtime, and savings on costly repairs to damaged equipment. These advantages will pay for themselves in a short amount of time.

Standard Features include:

- **Differential Pressure Gauge** (All models except 520's and 195A) - Allows the user to visually see the change from green to red, indicating a pressure drop of 10 PSI and the need to service the elements. Service Kits available for all models.
- **Weep Drain** - Allows minimal, continuous flow of contaminated air to escape the base of the unit.
- **Mounting Brackets** (All models except 520's and 195A) - Allows for easy and protective mounting of your Extractor/ Dryer.

Point-of-Use:

La-Man® takes a different approach to cleaning up contaminated compressed airlines. Our Extractor/ Dryer provides the best service when it is located at the point-of-use in an application. This allows the air from the compressor to cool, thus condensing to liquid and enabling the Extractor/ Dryer to do its job. The shortest distance from our filter to the point-of-use ensures cleaner air, therefore protecting valuable machinery and equipment.

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Corrosion Control Equipment and Supplies

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Additional Features- Benefits

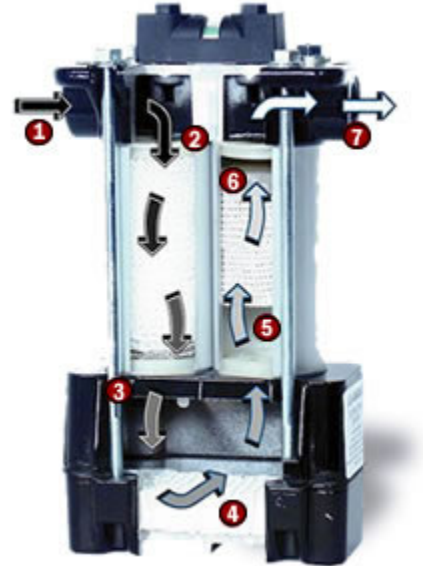
- Models range from 15 SCFM thru 2,000 SCFM
- Standard 5 micron ratings (lower micron rating available)
- Removes 99.9% of the liquids entering the Extractor/ Dryer
- Easy to install and maintain without removal
- Lightweight aluminum housing
- Immediate cost savings from decreased downtime
- Standard inlet and outlet NPT sizes
- Improve equipment performance and product quality
- Standard Differential Pressure Gauge for rust and dirt particles



Additional options available: float drain, regulator, lockout valve and electronic drain

How it Works:

- ➊ Compressed air containing tiny particles of dirt, dust, oil and moisture enters the first stage of the **Extractor/ Dryer**.
- ➋ A coalescing effect occurs as air passes through a cartridge mesh filter that captures particles and causes moisture to form larger droplets.
- ➌ Air velocity lessens as it enters the extraction chamber allowing particles to collect and moisture to condense on the honeycomb.
- ➍ Particle laden water flows along the bottom and out the drain.
- ➎ Air passes through the second stage wire supported fiber filter cartridge that captures remaining particles down to 5 micron.
- ➏ Remaining moisture and contaminants are dried and filtered in the second stage filter.
- ➐ Exhaust air is clean and dry - no dirt, rust, oil or water droplets to disrupt air equipment operation.



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Specifications:

MODELS	520A	520B	105	106	107	110	111	120	140	180	195A
NPT	1/4"	1/4"	1/4"	3/8"	1/2"	1/2"	3/4"	1"	1-1/2"	2"	4" FLANGE
SCFM	15	15	50	50	50	80	80	150	250	500	2000
MAX PSI	250	250	250	250	250	250	250	250	250	150	150
SERVICE KIT #	015S KA	015S KA	050S KA	050S KA	050S KA	080S KA	080S KA	150S KA	250S KA	500S KA	195S KA
SIZE (INCHES)	7-1/8 x 3 x 1-1/4	8-1/4 x 3 x 1-3/4	8-1/4 x 4 x 2-1/2	8-1/4 x 4 x 2-1/2	8-1/4 x 4 x 2-1/2	11-3/4 x 6 x 3-1/4	11-3/4 x 6 x 3-1/4	15 x 9-1/2 x 5-1/2	20 x 12-1/2 x 7-1/4	27 x 18 x 9-3/4	42-1/2 x 32 x 17
APPROX WT. LBS	2#	2#	3#	3#	3#	6#	6#	15#	36#	70#	375#

Maintenance:

All compressed air filters require servicing of the elements. Proper maintenance is important in order to keep the Extractor/Dryer performing at optimum levels. La-Man has taken great efforts to create a filter that makes servicing user friendly. By simply removing one bolt, the Extractor/Dryer never has to be disconnected from the airline in order to replace the elements.

On average, we recommend servicing the Extractor/Dryer every 6 months. Each model has a complete Service Kit available (see specifications for service kit numbers) that provides everything needed for proper servicing. Service Kits include a 1st stage replacement element, 2nd stage replacement element, cap gaskets, base gasket, and base core (honeycomb).



EXTRACTOR/ DRYER SERVICE KIT

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