

# SERVICING THE EXTRACTOR/DRYER®

*REDUCE PRESSURE LOSS...PRESERVE EQUIPMENT...ASSURE QUALITY AIR*

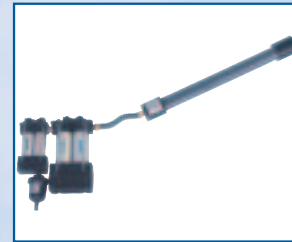
All compressed air filters require servicing of the elements. LA-MAN® has taken great efforts to create a filter that makes servicing user friendly. By simply removing one bolt, the Extractor/Dryer® never has to be disconnected from the airline in order to replace the elements.

## OTHER LA-MAN® PRODUCTS



### Service Kit - Available all models

Includes 1st & 2nd stage elements, all gaskets, base core & easy to read instructions.



### LA-MAN-DRY SuperStar™ Membrane Dryer

Optimum choice for providing ultra-clean and dry air for compressed air applications.



### Float Drain - No Air Loss

The 500 FD Float Drain will automatically expel liquids from the Extractor/Dryer. It is used on all models 520 thru 180. Clear drain hose provided.



### Refrigerated Extractor/Dryer™

Alters the dew point by converting moisture and oils to a liquid state for removal.



### Electronic Drain

The Electronic Drain can be installed on any Extractor/Dryer as well as surge tanks and drip legs. Adjustable interval and discharge times on various models



### LA-MAN-AIR Breathing System™ By Martech Services Co.

Monitors and provides Grade D breathing air, along with a complete line of masks, hoods and accessories.



### Pneumatic Dryer

The Pneumatic Dryer removes small amounts of moisture and contaminants from your compressed air lines. This unit may be installed up to six feet from air tool or equipment.



### SuperStar™ .01 Micron Filter

Removes particles larger than .01 micron. Carbon and fiber elements also reduce harmful oil vapors.



### Safety Lockout Valve

Relieves downstream pressure and accepts locking devices, when used before servicing the air filter.

**LA-MAN®** CORPORATION  
*We Make Compressed Air Work®*

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# Clean Dry Air Improves Performance



[www.discount-equipment.com](http://www.discount-equipment.com)

**LA-MAN®**  
*We Make Compressed Air Work®*

Since 1979, LA-MAN® CORPORATION has provided filtration and lubrication products to the pneumatics industry. The primary focus of LA-MAN has always been to deliver clean, dry compressed air for our customers. This task has been accomplished for a quarter of a century with the LA-MAN patented **Extractor/Dryer**®.



This unique compressed air filter, along with other LA-MAN accessories, is used by several well known names who rely on clean and dry air.

The Golden Gate Bridge, Thermal Dynamics, Lockheed Martin, Tyson Foods, and the United States military are all users of LA-MAN products. The **Extractor/Dryer**® is used on flight decks of our military's aircraft carriers where clean compressed air is vital to performance.



## 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.

## LA-MAN Products for those Special Compressed Air Needs!

In addition to the **Extractor/Dryer**®, LA-MAN has a wide range of products that can solve the most complex compressed air demands. Lower dew point requirements can be accomplished with our **Refrigerated Extractor/Dryer**™ and our **LA-MAN-DRY SuperStar**™ Membrane Dryer. Each is capable of lower dew points while providing additional filtration. Our **Refrigerated Extractor/Dryer**™ is ideal where high moisture content is a problem. The **LA-MAN-DRY SuperStar**™ Membrane Dryer is great for point of use applications that require ultra-clean and dry air without the need for electricity and can fit in almost any location.

Our full line of products include the **LA-MAN-AIR Breathing System**™, our patented automatic **Float Drain**, **Electronic Drain** series, **Pneumatic Dryer**, and **Lockout Valves**. Plus, we offer design-engineered filtration for special OEM applications that our staff of qualified engineers can assist with. These are just a few of the many reasons to make LA-MAN your solution for cleaning and drying compressed air.

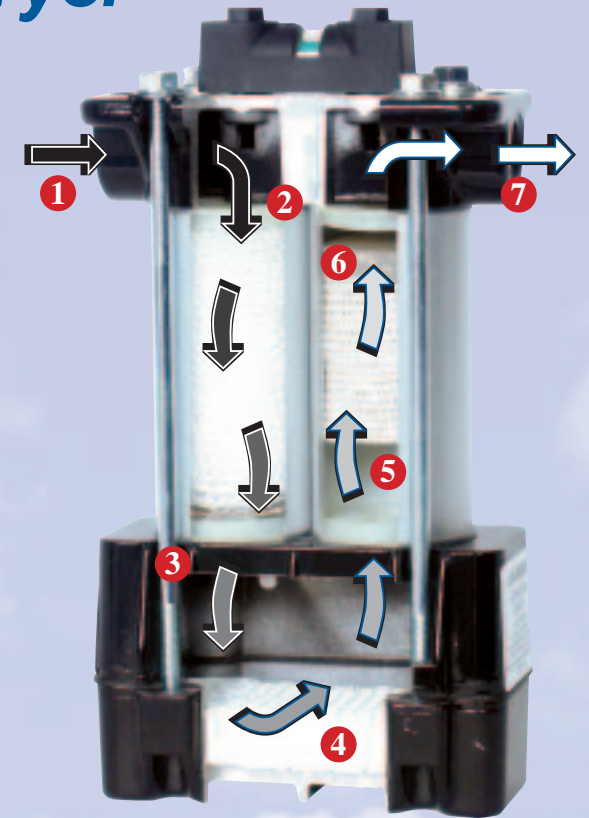


MADE IN USA

## Extractor/Dryer®

### How it Works –

- ① Compressed air containing tiny particles of dirt, dust, oil, rust and moisture enters the first stage of the LaMan® Extractor/Dryer Filter.
- ② A coalescing effect occurs as air passes through a cartridge mesh filter which captures larger particles and causes moisture to form larger droplets.
- ③ Air velocity lessens as it enters the extraction chamber allowing particles to collect and moisture to condense on the honeycomb.
- ④ Particle-laden liquid flows along the bottom and out the drain.
- ⑤ Air passes through the second stage wire supported fiber filter cartridge which captures remaining particles down to 5 micron.
- ⑥ Remaining moisture and contaminants are dried and filtered in the second stage filter.
- ⑦ Exhaust air is clean and dry – no dirt, rust, oil, or water drops to disrupt air equipment operation.



### APPLICATIONS:

- |                      |                    |                           |                    |
|----------------------|--------------------|---------------------------|--------------------|
| • Air Guns           | • Rivet Guns       | • Air Operated Chucks     | • Dental Equipment |
| • Injection Molding  | • Bakery Equipment | • Auto Paint & Body Shops | • Nailers          |
| • Hospital Equipment | • Textile Needles  | • Sandblasting            | • Brewery Bottling |
| • Staple Guns        | • Package Coding   | • Air Doors               | • Construction     |
| • Printing Presses   | • Transit Systems  | • Air Brushes             | • Electronics      |

