

# Precision Filtration Products

YOUR ONE  FOR FILTERS.

## LV-SERIES

### CUSTOM MANUFACTURED SOLUTIONS TO PURIFY INDUSTRIAL OILS

With the higher costs of oils, ever increasing environmental regulation liability, and man power constraints, it is no longer economical to replace your lubricating, turbine and hydraulic oils when contamination occurs. Restoring these oils to their original strength through purification is now a necessity.

The **LV-Series Low Vacuum** (Lo-Vac) Oil Purification Systems are designed specifically to meet the operational, economic and environmental needs of industry in purifying lubricating oils.

Through our proven dehydration, degasification and filtration techniques, **Lo-Vac** Systems can quickly and easily remove:

**Free & Emulsified Water to Less than 50 PPM**  
**Particulate Matter to 0.5 Microns**  
**Nominal (1 micron absolute) Other Contaminants Using Unique Media Designs**

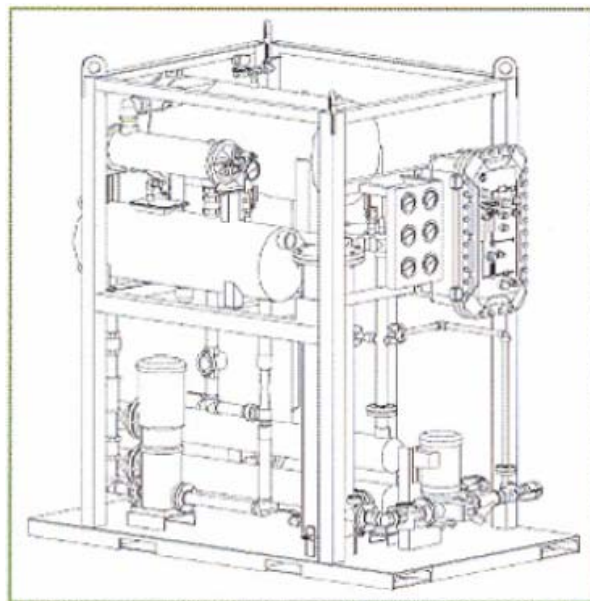
**Lo-Vac** Systems are easy to use and require very little maintenance. An easy to read flow chart is provided on the electrical panel and is superimposed over all switches, buttons and indicating/warning lights.

**Lo-Vac** Systems can be used as stationary units or manufactured within a variety of trailer configurations to be completely portable and self-contained.

Providing industry-wide solutions, we have the proven expertise to design a **Lo-Vac Purification System** to meet your specific needs.



LV-1200-AW-64-A/B/MM  
20 GPM



#### Compact H-Framed Design:

Low Vacuum Dehydrators with the same Outstanding Performance as our Traditional Design but with Half the Footprint, 6 to 25 GPM  
Models: 68"L x 48"W x 74"H

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### Features & Benefits

- Systems designed and manufactured to meet your specific needs
- Proven reliability backed by more than 40 years of design experience
- Streamlined, safe, quiet & dependable operation
- Removes impurities without damage to costly additives
- Removes free & emulsified (total) water to less than 50 PPM
- Particulate removal to ½ micron nominal (1 micron absolute)
- Fullers Earth, Activated Carbon and Activated Alumina Filter Systems available
- Fully Pre-Piped, Pre-Wired, Factory tested and shipped for immediate installation
- Controls designed for manual or fully automatic operation
- Capable of full integration and monitoring & control systems using PLC Options
- Electrical components enclosed in NEMA 4 weatherproof housing or NEMA 7 Explosion Proof Housing
- Modular design for easy monitoring & maintenance
- Available in a wide range of options & skid configurations

### Specifications

- Systems designed with components to meet your processing needs
- Flow Rates from 30 GPM to 3,000 GPM  
(Higher Capacities on Request)
- Vacuum Pump Capacity to 3,000 CFM  
(Higher Capacities on Request)
- Typical operating vacuum pressure range during oil purification from 26 inches HG to 28 inches HG
- Pre-Filter & Polishing Filter Options
- Full Range of Heater Capacities
- Available in a variety of voltages to meet your specific operating needs



ECV-200-CW-12S/C  
3.5 GPM



LV Series Graphics Panel



LV-360-AX-16-A/B-WM  
6 GPM



LV-3000-CW-A/B/S  
50 GPM