

HiVAC Series Vacuum Dehydration Systems

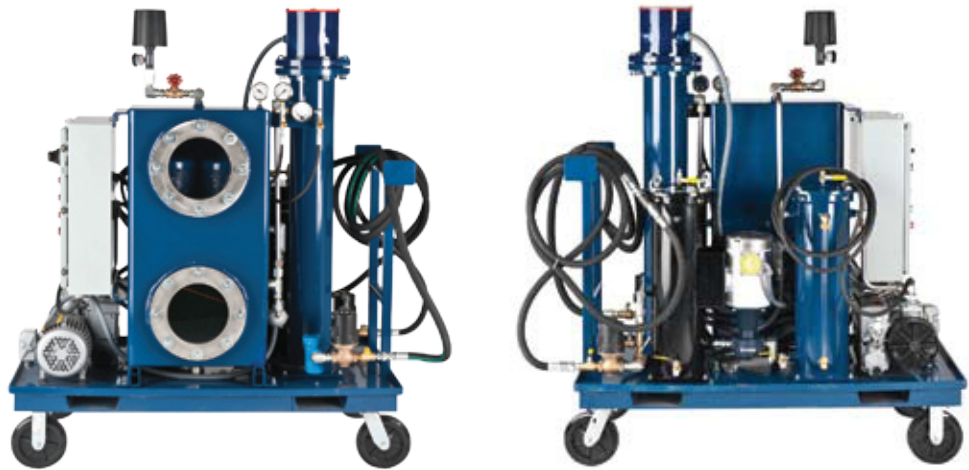
Specifically designed for transformer oils

Features

- Available flow rates: 3, 5, 10, 15, 20, 30 (only use 10 gpm or less for energized equipment)
- Multiple voltages available
- Variable frequency drive
- Basket strainer filter included to protect filter longevity
- Electrical rating: NEMA 4
- Mounting: skid or casters
- All prices include 1-day onsite training and installation
- Leasing & rental options available

Benefits

- Heavy duty
- Removes 100% of free gases, and at least 90% of dissolved gases



The harmful effects of particulate and moisture contamination in transformer oils have been well documented. By maintaining absolute fluid cleanliness, end-users can dramatically increase the life of critical electric transmission components, maintain dielectric strength and condition of insulation, minimize downtime and maximize profitability.

The design of our vacuum dehydrators maximizes the water extraction rates of our oil purifiers, and top-quality components and workmanship ensure years of maintenance-free operation and performance.

HiVAC Series Product Features:

Designed for Energized Equipment	10 gpm and lower is designed to be safely used on energized transformers
Vacuum Pump	High quality, specialty pump pulls deeper vacuum (<.75torr), higher CFM and requires less maintenance than other conventional vacuum pumps
Permanent Dispersion Media	Located in the vacuum tower to maximize water extraction rates and eliminate the need for costly replacement of coalescing filter elements
Variable Frequency Drive	Enables operator to dial in the optimal flow rate and enhances the system's overall performance during cold start-ups or on small transformers
System View Windows	Enables operator to observe system operation and performance
Filter Indicator Light	Positive indication when the particulate removal filter element is plugged and needs to be changed
Flow Rates	3, 5, 10, 15, 20, 30, gpm (only use 10 gpm or less for energized equipment)
On-Site Training	All prices include 1-day on-site training, installation and a leave-behind manual and video.
Additional Options	Automatic foam control, optional moisture indicator, connection to customers SCADA system, optional fullers earth vessels, rental & leasing options

Low Maintenance System!

- No vacuum tower maintenance needed
- No replacement of coalescing filter elements needed
- Low maintenance pump utilized

Contact your local distributor or call Beach
for your customized quote.

Typical Applications:

- Cleaning transformer oil & energized equipment

Typical Industries Served:

- Power generation/distribution
- Mining
- Paper manufacturing
- Food manufacturing
- Chemical manufacturing
- Municipal water treatment plants
- Auto manufacturing
- Steel rolling mills
- General industry

Filter Elements:

- High holding capacity
- High efficiency filtration with low pressure drop
- Epoxy-coated steel support mesh upstream and downstream
- Performance to $\beta_{<3(c)}=1000$ (per ISO 16889)
- Synthetic media with smooth, rounded fibers for low resistance to flow
- Excellent chemical compatibility
- Maximum differential pressure of 150 psi
- Maximum flow rate of 150 gpm
- Maximum viscosity of ISO 1000



Try All Beach Fluid Handling & Filtration Products

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Dedicated Filtration



Water Removal



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Filter Elements



Adapter Kits

