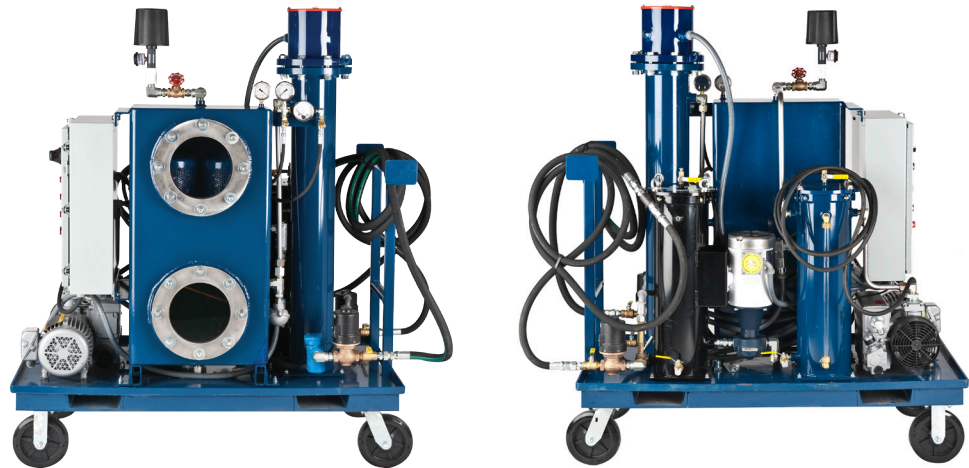


## *HiVAC Series Vacuum Dehydration Systems*

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.

Learn more about Des-Case fluid handling products at [descase.com/flowguard](http://descase.com/flowguard).

*Keeping contamination  
under control.<sup>®</sup>*

# HiVAC Series Vacuum Dehydrator

## HiVAC Series Product Features:

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

## *HiVAC Series Vacuum Dehydrator*

Contact your local distributor or call Des-Case 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

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### *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 Des-Case Fluid Handling & Filtration Products

Customize your filtration system today at [www.descase.com/flowguard](http://www.descase.com/flowguard)

## Portable Filtration



## Dedicated Filtration



## Water Removal



## Lubricant Storage & Filtration



## Filter Elements



## Adapter Kits

