

VUD

Vac-U-Dry Vacuum Dehydrators

Powered by iCue™ Connected Technology

Engineered to provide efficient water and particulate removal from hydraulic, lubricating, and gear oils, the VUD powered by Donaldson iCue™ Connected Technology combines industry leading fluid filtration and real-time system monitoring to help deliver optimal performance and uptime.

The VUD utilizes a series of sensors to monitor critical performance metrics during operation. This data provides operators and process owners with updates and actionable insights designed to help increase productivity, minimize downtime, and extend the life of valuable equipment.

The skid-mounted vacuum dehydrator is ideal for continuous duty applications that require consistent monitoring. The iCue Technology provides 24/7 access to operational data through any smart device reducing the need for multiple physical equipment checks.

Donaldson.
HY-PRO™

hyprofiltration.com/



Powered by
iCue™ Technology

Contamination is complicated. Removing it is easy.

With features including viscosity specific dispersal element designs, fin tube low watt density heaters, oversized particulate filter, adjustable recirculation line, auto phase detection and reversal, programmable thermostat, proprietary vacuum chamber level control, foam sensor and auto-drain, VUD is the ultimate contamination removal system.



Results you can see.

Clear covers on the vacuum chamber and condensate collection tanks let you see what is really happening inside the VUD. You will know when you start removing water or when you are almost below saturation point with just a glance.

Never stops working.

VUD is a workhorse designed for 24/7 unattended operation. With a dual condensate collection tank design, auto water level sensors and automatic drain valves, there is no need to stop to drain water. The oversized condenser and dual condensate collection tanks work together to keep the water out of the vacuum pump.



Integrated intelligence.

The VUD's control panel makes start-up and shut-down safe and operator-friendly since everything is controlled with the simple push of a button. To take it even further, the optional PLC Touch Screen provides operating controls and data right at your fingertips. When combined with the unit's iCue™ Connected Technology, managing system performance has never been easier.

Filtration starts with the filter(s).

Particulate media options down to $\beta_{3|1} \geq 4000$ and viscosity specific dispersal elements provide you with the best filtration and water removal capabilities in the world, period.



Completely, entirely, totally, all inclusive.

When it comes to comprehensive filtration and water removal, the buck stops here. VUD customization takes on many forms such as unique size requirements, combining VUD with other technologies such as FRF acid or turbine lube oil varnish removal, all to deliver the perfect oil purification system to meet your exact needs.