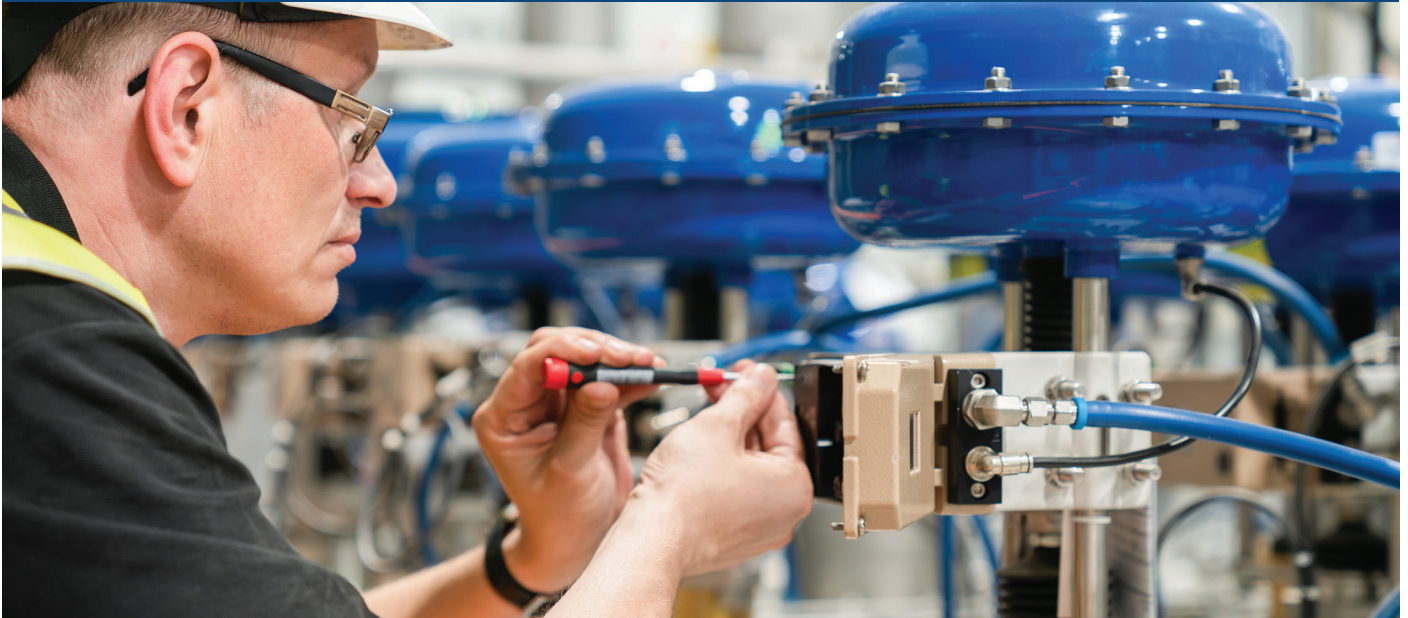


ENERGY EFFICIENT COMPRESSED AIR PURIFICATION

HEAT REGENERATED DESICCANT DRYERS



CLEAN & DRY COMPRESSED AIR HELPS DRIVE EFFECTIVE MANUFACTURING



Filtration and drying are an integral part of compressed air applications in use today. The tools, machines, and systems driven by compressed air vary in size and complexity, but all require protection from harmful contaminants and impurities to operate at peak efficiency.

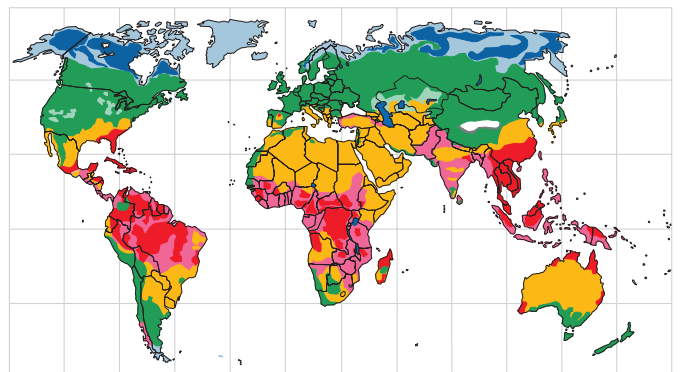
In operations that demand high-volume flows, heat regenerated desiccant dryers are often the most effective and energy-efficient means of generating very dry air.

Donaldson's Ultradryer+ series of heat regenerated desiccant dryers are ideal for processes that utilize large volumes of compressed air with very low residual moisture for pressure dewpoints below 0°C.

RELIABLE & STABLE DEWPOINT PERFORMANCE — EVEN UNDER CHALLENGING CONDITIONS

Donaldson helps you plan, design, and manufacture complete energy-efficient adsorption systems tailored to your specific application, climate and conditions.

Our externally heated Ultradryer+ series of heat regenerated desiccant dryers are available in sizes from **375 m³/h to 8,760 m³/h** for pressure dewpoints down to -70°C. Larger sizes available upon request.



FINDING THE RIGHT DRYER FOR YOUR APPLICATION IS EASY

HRS+	HRS-L+	HRE+
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Most Energy Efficient Ultradryer+ Option	Designed for Tropical & Subtropical Conditions	Purge Cooling for Applications at High Ambient Temperature Conditions
Desorption and cooling with ambient air drawn in by a blower	Closed loop cooling with a water-cooled heat exchanger	Suitable for all climate zones
Desorption in counter-current flow	Energy-saving (zero purge)	Low investment cost
Energy-saving (zero purge, low desorption temperature)	Low operating cost	Easy maintenance
Low operating cost	Easy maintenance	
Easy maintenance	Pressure dewpoint down to -70°C	



ULTRADRYER+ STANDARD FEATURES

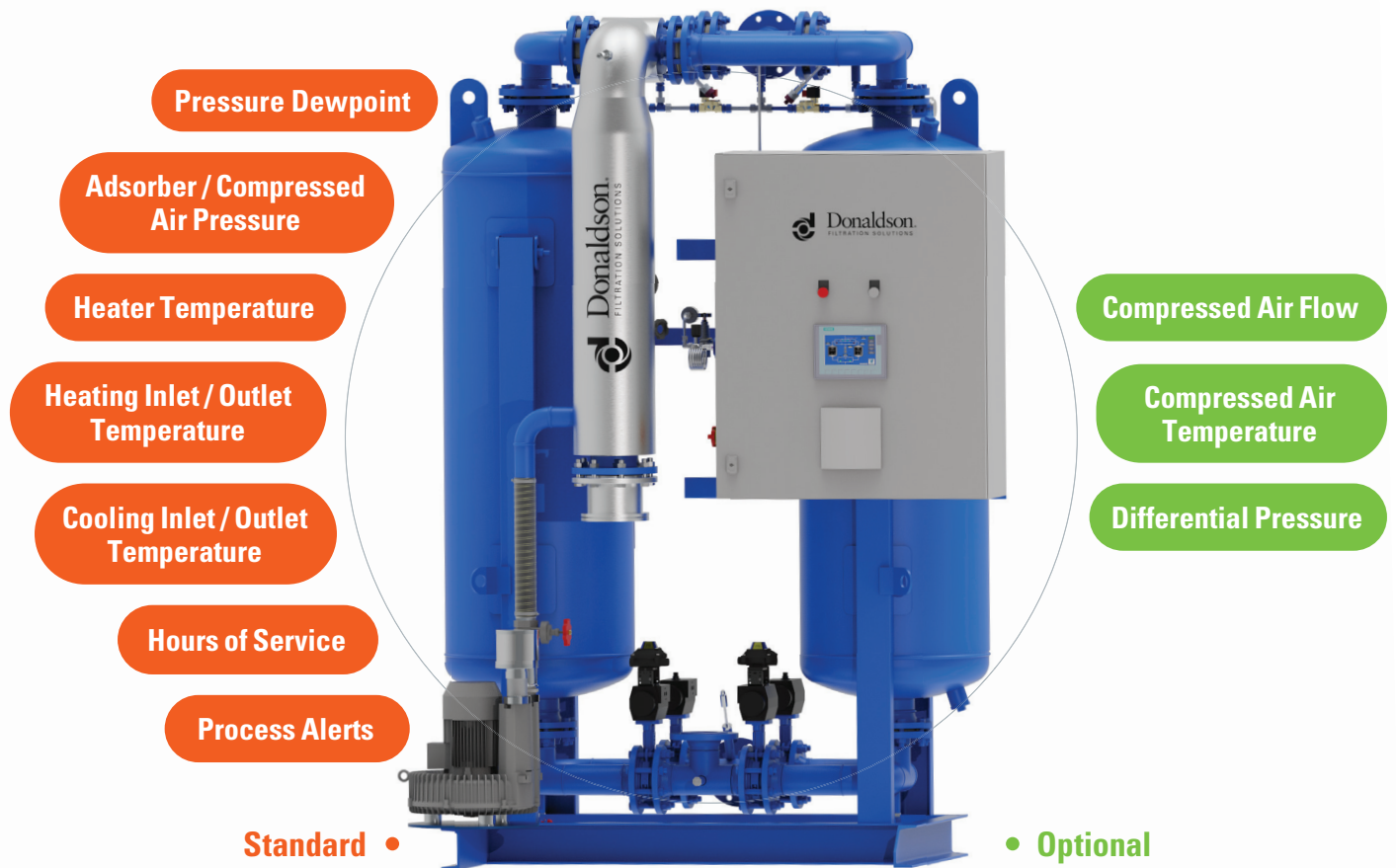
- + iCue™ Connected Technology
- + Ultraconomy Dewpoint Capacity Control
- + Valve Position Control
- + Power Supply for Electronic Drains
- + Alarm Contacts for Electronic Drains & External Devices
- + Ethernet Communication Interface
- + Dry Gas/Purge Cooling On-Demand (HRS+)
- + Control Box Temperature Control
- + Single Conductor Cable Marking
- + Cooling Water Shut-Off Valve (HRS-L+)

DRYER PERFORMANCE WITH SMART MONITORING

Donaldson's iCue™ Connected Technology is a remote monitoring system that can be set up to track equipment performance metrics and alert you and Donaldson service staff to maintenance needs.

Through a collection of sensors, the technology provides actionable insights and generates alerts should the equipment operate outside the parameters that operators set up. Performance data monitoring can enable condition based services and help facilitate timely response times, which can help keep operating costs low.

The system can help identify potential problems before they arise. Donaldson iCue Technology comes with our smart service plans to help you stay on top of your operations.



For more information on the Ultradryer+ series of heat regenerated desiccant dryers, or for help identifying the right dryer for your application, contact your local Donaldson representative today.



donaldson.com

Donaldson Company, Inc.
Minneapolis, MN, USA



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