

DISCHARGE HARMFUL CONTAMINANTS

# ZERO PRESSURE LOSS CONDENSATE MANAGEMENT



# CONDENSATE IS INEVITABLE

You can't avoid it. Every compressed air process generates condensate as a by-product. That's because when intake air is compressed, the moisture, dirt, and dust it contains are also concentrated. This waste product can not only damage pipes and equipment but also be a hazard to the environment, especially when compressor or system lubricants (oils) are present in the condensate.

## Proper Condensate Management Pays Off

Implementing proper condensate management can support your process efficiency and ISO 14001 (Environmental Management) certifications by separating and treating collected condensate.

Donaldson's state-of-the-art condensate management systems discharge condensate without any pressure loss as they keep the compressed air where it belongs: in the system. This helps you increase your energy savings and supports ISO 50001 (Energy Management) certifications.

## Reliable and Economical Disposal of Compressed Air Condensate

As part of your compressed air purification system, our condensate management components enable zero compressed air loss during draining.

Oil and water are separated so the harmful components can be reliably disposed of, helping you meet your sustainability goals.

# MINIMIZE HARMFUL CONDENSATE BUILD-UP

Donaldson engineers condensate management solutions for multiple industries, processes, and applications including:

- + Automotive
- + Chemical
- + Electronics
- + Energy
- + Food Processing
- + Glass
- + Industrial Gases
- + Industrial Machinery
- + Pharmaceutical



# EFFECTIVE CONDENSATE MANAGEMENT SOLUTIONS



## Ultramat™ Condensate Drains

- + Reliable discharge without pressure loss under normal operating conditions
- + Detects condensate type via sensors
- + Electronically level-controlled
- + Rugged housing and corrosion-resistant materials
- + Continuous function control with LED display
- + Automatic emergency program mode
- + Electrical alarm contact transmits signals to external system controllers
- + Easy service unit exchange for models up to 10 m<sup>3</sup>/min / 350 scfm flow capacity



## Ultrasep US Oil-Water Separators

- + Separates mineral and synthetic lubricants and certain emulsions
- + Filter life indicator, sample test bottle, and overflow indicator provide performance control
- + Easy service and maintenance
- + Maximum oil content of 10 mg/l (10 ppm) on the clean water outlet under normal operating conditions
- + Multiple Ultrasep US separators can be connected for large flow capacity

# COMPRESSED AIR PURIFICATION SYSTEM



## We're here to help.

From installation, commissioning, and maintenance to inspections and system audits, our compressed air and gas service specialists can help support optimal performance and reliability for your operation.

To learn more about our Condensate Management products and services, visit [Donaldson.com/Condensate-Management](https://www.Donaldson.com/Condensate-Management)



[donaldson.com](https://www.donaldson.com)

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