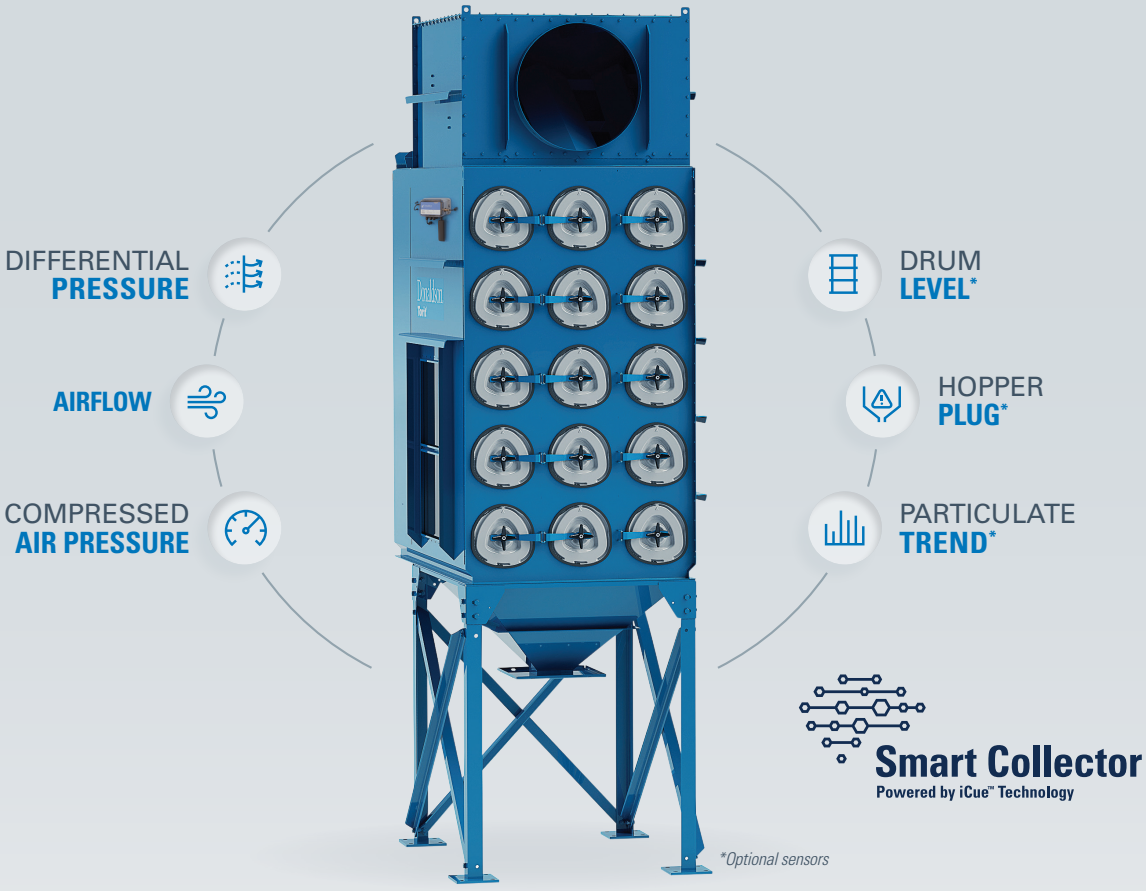
MAKE YOUR COLLECTOR **SMARTER**

Upgrade with iCue™ Connected Filtration Technology



DIFFERENTIAL PRESSURE
- Eliminate manual dP data collection
- Enable scheduled change-outs

AIRFLOW
- Prevent dust from settling in ducts
- Minimize employee exposure risks

COMPRESSED AIR PRESSURE
- Alert if there is a lack of compressed air
- Reduce premature filter changes

DRUM LEVEL
- Eliminate manual fill-level checks
- Help prevent drum overflows

HOPPER PLUG/POINT LEVEL
- Identify dust bridging in hopper
- Designed for agglomerative dust applications

PARTICULATE TREND
- Aid in environmental compliance reporting
- Early detection of filter leaks

Adding Donaldson's iCue Connected Filtration Technology to your dust collector can save you time, resources, and money. The system continuously tracks your equipment providing performance details, actionable insights, and alerts directly to your personalized dashboard on your connected device. You can leverage real-time data and analytics to help maximize uptime, increase maintenance efficiency, and manage your operation's critical compliance data.



Donaldson
FILTRATION SOLUTIONS

The iCue Technology at Work

Case Study: Operation Eliminates Clean-up Costs When iCue Technology Alerts for Full Drums

An electric arc spraying operation was coating down hole piping used in the oil drilling process when their facility began to fill with particulate.

While the electric arc spray process is done indoors, the organization's dust collectors and four drums are located outside the facility. The dust loading tends to fill the drums quickly and without any visibility into their capacity, the sprayer had no idea the drums were full until the facility started filling with dust. By the time the issue was addressed, more than 27 garbage bags of particulate were removed. Adding iCue technology to monitor multiple drum levels has eliminated the need to continuously check the drums and provides alerts as to which of the drums needs to be emptied.

Case Study: Airflow Issue Identified Early by iCue Technology Helps Avoid Filter Failure

An industrial manufacturer was able to avoid pre-mature filter failure, machine contamination, and worker exposure when the differential pressure sensor on their dust collector identified an issue.

According to the data from the iCue technology, the collector's differential pressure had tripled while airflow decreased by nearly 50%. Donaldson identified insufficient compressed air as the likely cause and connected with the plant manager. After a closer look, the plant manager realized the compressed air for the unit had been shut off. Without compressed air, the pulse cleaning system couldn't clear the filters of dust causing a spike in differential pressure and loss of critical airflow. Once the compressed air was restored, the system returned to normal operation and the plant manager avoided what could have been a hazardous situation.



MAKE YOUR COLLECTOR **SMARTER**

Upgrading your dust collector with Donaldson's iCue Connected Filtration Technology is easy and includes set-up of the standard sensors.

The iCue technology works on most major brands of dust collectors.

Donaldson

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