Donaldson
FILTRATION SOLUTIONS

Mobile Solutions
Battery Pack Vents

Dual-Stage Burst

The low-profile dual-stage Burst vent provides continuous pressure equalization and inlet protection during normal operating conditions.

In the event the internal pack pressure exceeds the opening pressure of 250 mbar, burst pins pierce the membrane, allowing quick pressure relief at a rate of **25 liters/second @ 300 mbar**.

25 L/s
@ 300 mbar

Features

A Retention Cap with Burst Pins

+ Protects membrane from spray
+ Tested for water and air tightness

B Tetratex® ePTFE Membrane

+ Hydrophobic and oleophobic to protect against water, dirt and other contaminants
+ Consistent pressure equalization with minimum airflow of **17.8 liters/hour @ 10 mbar** during normal operation

C Body

+ Protects membrane from spray

D Quarter-Turn Bayonet Interface

+ Easy attachment to battery pack housing
+ Also available with Screw-Fit interface

E O-Ring

+ Reliable sealing to battery pack wall

Dual-Stage Burst
Technical Specifications

Vent Type	Burst
Minimum Airflow During Normal Operation	17.8 liters/hour @ 10 mbar
Opening Pressure Typical	250 mbar
Degassing Airflow Typical	25 liters/sec @ 300 mbar
Ingress Protection (IP) Grade	IP67, IP68, IP69K*
Membrane	Hydrophobic & Oleophobic Tetratex® ePTFE
Interface Options	Bayonet: ¼ turn – various thicknesses Screw-Fit: M32 x 1.5 Thread
Temperature Range	-40°C to 125°C
UL94	V0**
Size	51 mm Diameter 13.7 mm Height (above enclosure)

* Dependent on surrounding structure
** Excluding O-ring

CONTACT YOUR DONALDSON REPRESENTATIVE TO LEARN MORE

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