

Disposable Breathers

Hybrid Breathers – Hydroguard™ and VentGuard™

hybrid technology breathers for low-flow applications



DC-HG-8

- Ideal for washdowns and high humidity areas
- Desiccant and particulate filtration ensures incoming air is clean and dry
- Expansion chamber system isolates lubes from extreme ambient humidity (Hydroguard)
- Check valves ensure no excess pressure/vacuum builds
- VentGuard incorporates advantages of Des-Case hybrid breathers in a smaller footprint optimized for use with pumps and smaller gearboxes

Expansion Chamber

The diaphragm allows for expansion/contraction of the air within the casing as a result of temperature variations during steady-state operations.

Foam Pad

Reduces oil mist exhalation. Ensures outgoing air is evenly disbursed through the filters and desiccant, providing maximum efficiency through "backflushing."

Water Vapor Adsorbent

Silica gel absorbs water from incoming air. Indicates condition by change of color from blue to pink.

Filter Element

Patented polyester filter element removes airborne contamination to 3-micron absolute (74% efficient at 0.5 micron). Unique loops allow particles to release during system exhalation, helping to increase breather life.

Filter Element

Second polyester filter element protects against any migration of desiccant.

Resilient Polycarbonate Body*

Shock-absorbing, clear casing provides reliable service and easy maintenance.

Quad Check Valves

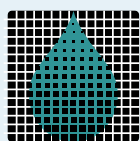
Provides system pressurization, protecting system integrity. Plugs keep unit inactive until use.

Threaded Mounting

Easily replaces standard filler/breather cap with one of two adapters.

Model Number	DC-HG-8	DC-VG-1
Unit Height	9.75" / 24.76 cm	5" / 12.7 cm
Unit Diameter	4.1" / 10.41 cm	2.75" / 6.99 cm
Amount of Silica gel (oz./g)	10.4 oz. / 240 g	4 oz. / 113 g
Adsorption Capacity (fl.oz/mL)	4.05 fl. oz. / 120 mL	1.5 fl.oz / 45 mL
Max. Flow Rate (cfm)	2.5 @ 1 PSID	0.9 @ 1 PSID
Filtration (µ absolute)	3	3
Op. Temp. Range (°F/°C)	-20/-28.9 to 200/93	-20/-28.9 to 200/93
Hydrophilic Agent	Silica Gel	Silica Gel
Filter Media	Polyester	Polyester
Connection Size	1"	3/8" (NPT)

Distributed by:



The **Fluid Life** Corporation
www.fluidlife.com

9321 - 48 Street
Edmonton, AB T6B 2R4
Phone: (780) 462-2400
Fax: (780) 462-2420
Toll Free: 1-877-962-2400

95 Copernicus Blvd
Brantford, Ontario N3P 1N4
Phone: (519) 720-9700
Fax: (519) 720-9705