

The longest lasting breather on the market.



### MATERIALS & COMPONENTS:

- Housing:** Nylon 6/6 30% Glass Filled, Polycarbonate, Polypropylene, Silicone
- Seals:** Buna-N, EPDM, PVC
- Filter Media:** Polyester, Polyurethane
- Hydrophilic Media:** Silica Gel
- Indicator:** Proprietary Polymer Formula

### CHEMICAL COMPATIBILITY:

Compatible with all mineral oils, most synthetic oils and diesel fuels (Contact Des-Case technical support for chemical compatibility inquiries)

### PERFORMANCE SPECIFICATIONS:

Product Code	DC-CHC-EX-4
Temperature Range	-20°F to 200°F (-29°C to 93°C)
Filter Efficiency	3 µm absolute
Check Valve Cracking Pressure	.1 psi (.007 bar)
<sup>2</sup> Volume of Desiccant	140 in <sup>3</sup> (2300 cc)
Color Indication	Blue to Pink COLORASSIST™
<sup>3</sup> Application Sizing Recommendations	
Max. Airflow at ΔP 1 psi [.07 bar]	24 cfm (680 l/min)
Max Reservoir Fluid Flow or Displacement at ΔP 1 psi [.07 bar]	180 gpm (680 l/min)
Gearbox, Pump & Storage Tank	1000 gal (3785 L)
Hydraulic & Central Lube Reservoir	400 gal (1514 L)

**NOTE:** Small variations in the manufacturing process can be common and will be within the allowable engineering tolerances. All above data is nominal and provided for information only and subject to change. All metric conversions are approximate.

**NOTE:** In addition to volume, desiccant type and airflow directly affect breather life. See breather performance graph on next page for more information.

**NOTE:** This is intended as a general guideline for sizing only; other considerations, such as: humidity level, frequency of air flow, ambient temperatures, and chemical compatibility are very important in sizing a breather properly. Larger applications and special circumstances typically require the most thorough analysis. Please contact Des-Case for assistance in sizing a breather.

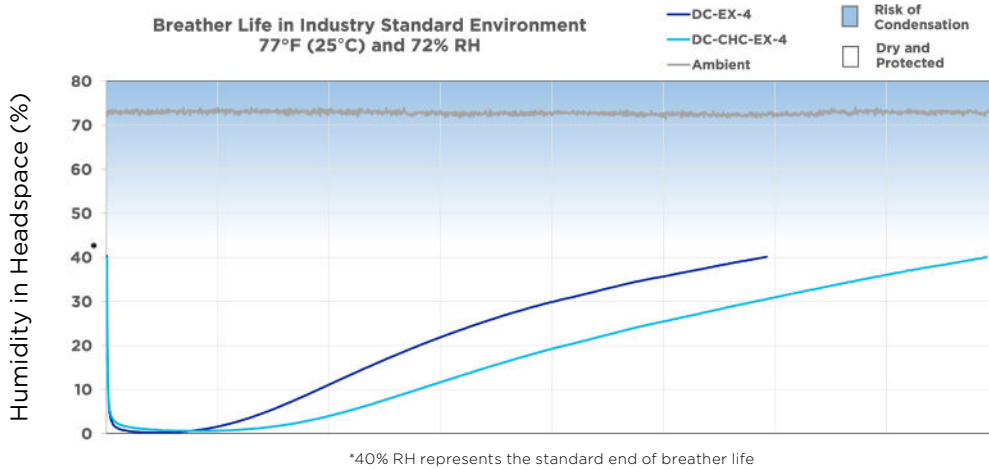
### Typical Applications:

- Hydraulics
- Storage Tanks
- Wind Turbines
- Remote Applications
- Large Gearboxes

### Typical Industries:

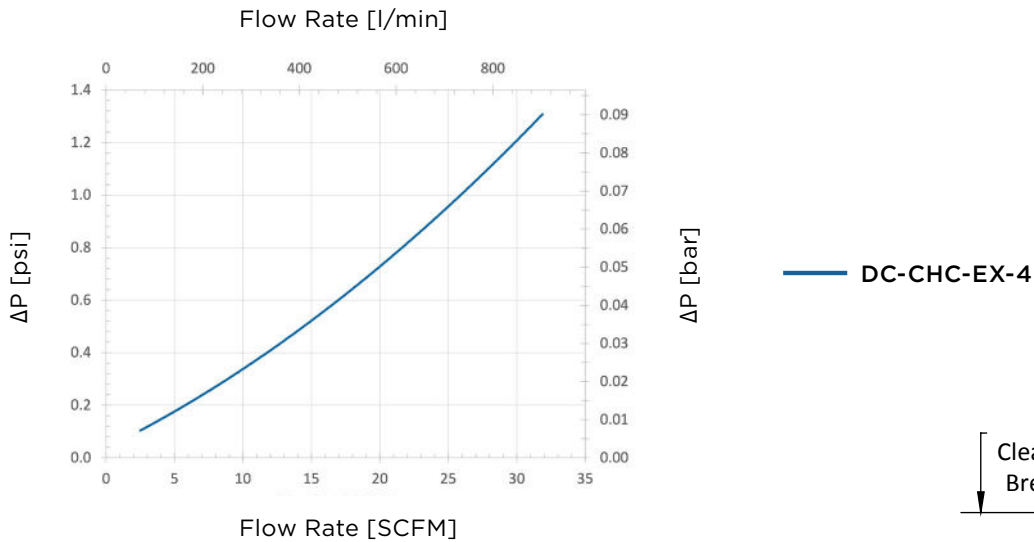
- Wind Energy
- Mining
- Storage
- Manufacturing
- Pulp & Paper

## BREATHER PROTECTION PERFORMANCE:



Breather Life

## AIRFLOW:



## DIMENSIONS:

	A	B	C
Product Code	Inch / mm	Inch / mm	Inch / mm
DC-CHC-EX-4	10.0 / 254	5.7 / 143	0.4 / 10
Thread Size			
1" FNPT			

