

## *Standard Disposable Breathers*

Simple, dependable lubricant protection

### *Specifications*

- Integrated nylon standpipe and clear polycarbonate casing allow for greater chemical compatibility and vibration resistance
- Multi-tiered filtration process
- Filter element captures particles at 3 micron absolute ( $\beta_3 \geq 200$ )

### *Ideal for ...*

- Intermittent operations
- Transformers
- Storage tanks
- Totes



### *Benefits*

- Eliminates rust-forming condensation
- Prevents sludge deposits and water-contaminated oil
- Provides longer oil and filter life
- Reduces wear and tear on equipment, prolongs life

Every element of Des-Case's Standard Disposable Breathers have been designed to work in a wide variety of industries and applications. The breather's resilient, integrated nylon standpipe ensures that it can easily combat high vibration and volatile environments. Each breather is outfitted with a clear, rugged polycarbonate casing that allows easy view of color-indicating desiccant in order to monitor when the breather should be replaced.

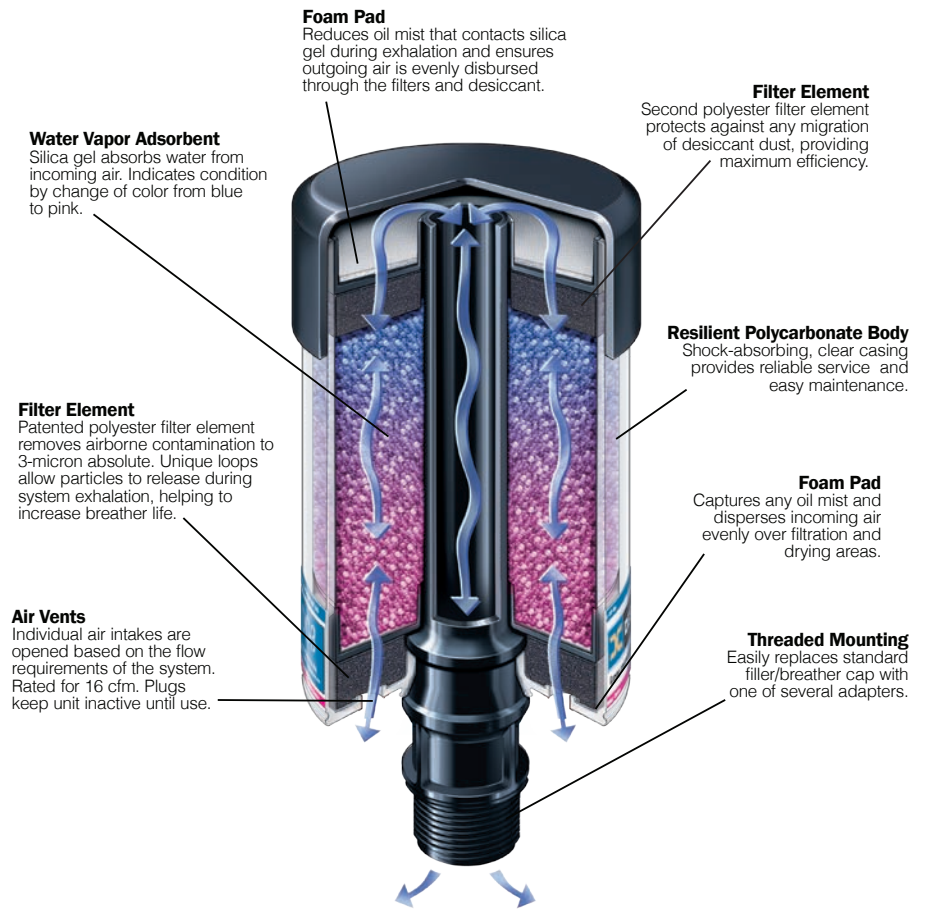
With over 25 years of contamination control expertise, Des-Case breathers attack the source of contamination, making the products an affordable and cost effective solution to extend lubricant life and to increase equipment productivity.

*Keeping contamination  
under control.®*

## How it works:

As wet contaminated air is drawn through the unit, multiple 3-micron polyester filter elements remove solid particulate and the color-indicating silica gel extracts moisture.

When air is expelled from the container, the top foam pad prevents oil mist from contacting silica gel or entering the atmosphere.



Product Specifications	DC-BB	DC-1	DC-2	DC-3	DC-4
Unit Height (in/mm)	3.90"/99.06 mm	5.31"/134.9 mm	6.125" / 155.6 mm	8.125" / 206.4 mm	10.125" / 257.2 mm
Unit Diameter (width in/mm)	2.52"/64.01 mm	2.52"/64.01 mm	4" / 101.6 mm	4" / 101.6 mm	4" / 101.6 mm
Shipping Weight (unit/case) (lbs/kg)	0.31 lbs/2.14 lb .14 kg/.97 kg	0.51 lbs/3.32 lbs 0.23 kg/1.51 kg	1.21 lbs. / 7.73 lbs 0.55 kg / 3.51 kg	1.87 lbs. / 11.74 lbs. 0.85 kg / 5.32 kg	2.63 lbs. / 16.13 lbs 1.2 kg / 7.33 kg
Amount of Silica Gel (lbs/kg)	0.13 lbs/58.6 g	0.28 lbs/ 125.3 g	0.66 lbs / 0.30 kg	1.22 lbs. / 0.56 kg	1.88 lbs. / 0.84 kg
Adsorption Capacity (fl oz/ml)	0.79 fl oz/23.3 ml	1.68 fl oz/49.7 ml	4 fl. oz. / 118.2 mL	7.45 fl. oz / 220.3 mL	11.3 fl. oz. / 333 mL
Max. Flow Rate (cfm)	4.55 @ 1 psid	4.16 @ 1 psid	16 @ 1 psid	16 @ 1 psid	16 @ 1 psid
Max. Flow Rate (lpm)	128.84	117.8	453	453	453
Filtration	3µ absolute (β <sub>3</sub> >200)	3µ absolute (β <sub>3</sub> >200)	3µ absolute (β <sub>3</sub> >200)	3µ absolute (β <sub>3</sub> >200)	3µ absolute (β <sub>3</sub> >200)
Operating Temp. Range (°F)	-20°F to 200°F	-20°F to 200°F	-20°F to 200°F	-20°F to 200°F	-20°F to 200°F
Operating Temp. Range (°C)	-29°C to 93°C	-29°C to 93°C	-29°C to 93°C	-29°C to 93°C	-29°C to 93°C
Body Material	Polycarbonate, Nylon, Polypropylene, Polyester, Polyurethane, Silica, Buna-N, PVC				
Hydrophilic Agent	Silica gel	Silica gel	Silica gel	Silica gel	Silica gel
Filter Media	Polyester	Polyester	Polyester	Polyester	Polyester
Connection Size	3/8" Multi-Fit (NPT, BSPP, BSPT)	3/8" Multi-Fit (NPT, BSPP, BSPT)	1" Multi-Fit (NPT, BSPT, NPSM)	1" Multi-Fit (NPT, BSPT, NPSM)	1" Multi-Fit (NPT, BSPT, NPSM)

## Adapters

Des-Case provides a range of accessories for easy adaptation to your specific application and working environment. Contact us at (615) 672-8800 or at [sales@descase.com](mailto:sales@descase.com) to learn more.

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