



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.

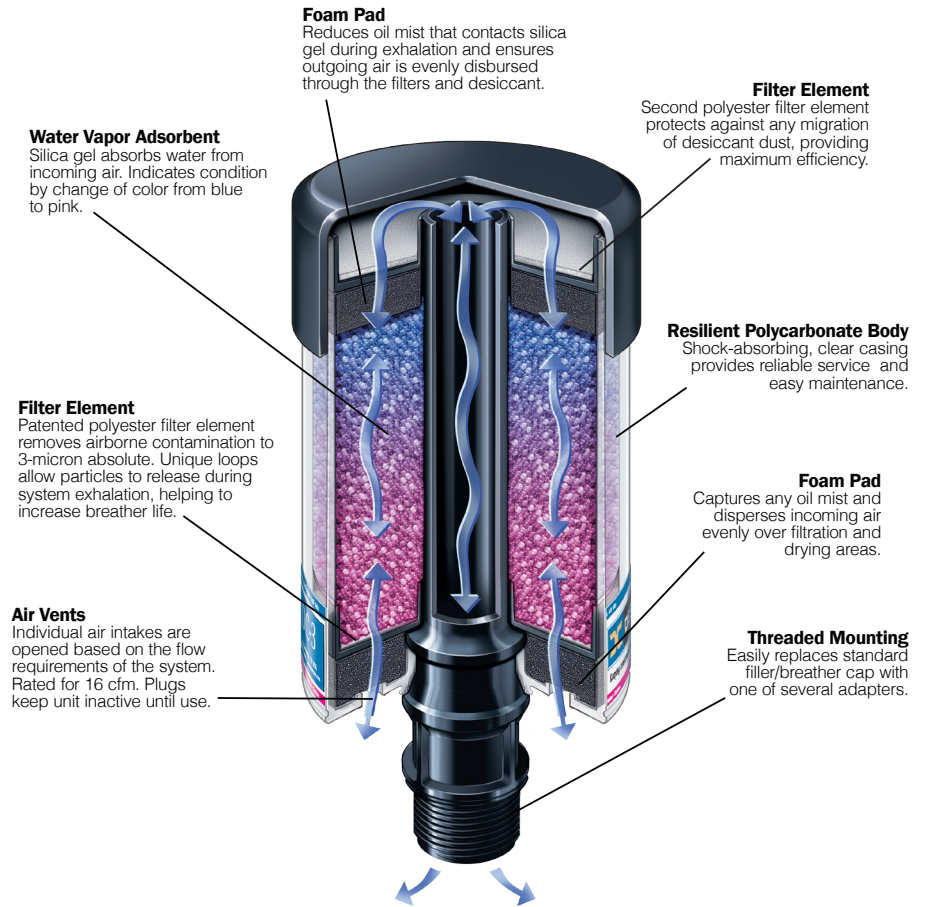
With over 25 years of contamination control expertise, Des-Case breathers attack the source of contamination, making the products an affordable and cost effective solution to extend lubricant life and to increase equipment productivity.

*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 | 3 μ absolute ($\beta_3 > 200$) | 3 μ absolute ($\beta_3 > 200$) | 3 μ absolute ($\beta_3 > 200$) | 3 μ absolute ($\beta_3 > 200$) | 3 μ absolute ($\beta_3 > 200$) |
| 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 to learn more.

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