

## *Non-Desiccant Breathers*

Prevent contamination, safeguard health of employees and machines

### *Specifications*

- Pleated filter element provides a large surface area and captures particles at 0.3 micron absolute ( $\beta_{0.3} \geq 1000$ )
- Rugged Nylon 6/6 housing

### *Ideal for ...*

- Low humidity applications
- Arid, high-dust environments
- Applications that create oil “misting”



### *Benefits*

- Blocks free water from reservoir
- Prevents sludge deposits and water-contaminated oil
- Provides longer oil and filter life
- Reduces wear and tear on equipment, prolongs life

Industry spends millions of dollars annually treating the negative effects of contamination caused by wet, dirty air. Contaminated lubricating oil and hydraulic fluid result in excess machine wear, production downtime, and higher repair costs. Des-Case non-desiccant breathers are best suited for low humidity applications, arid/high-dust environments, and applications that create oil “misting”.

Des-Case breathers attack the source of contamination, allowing your equipment and lubricants to run longer and harder.

*Keeping contamination  
under control.®*

## How it Works

As wet, contaminated air is drawn through the unit, the hydrophobic media repels water and the pleated particulate filter captures contamination, preventing both from entering the equipment.

### Pleated Element

Pleated filter element protects against particulate contamination.

### Hydrophobic Media

Hydrophobic media creates a water barrier.



### Rugged Exterior

Durable, shock absorbing housing.

### Threaded Mounting

Easily replaces standard filler/breather cap with adapter/reducer options.

Product Specifications	DC-ND-35
Unit Height (in/mm)	5"/127 mm
Unit Diameter (width in/mm)	5"/127 mm
Shipping Weight Dry Weight (unit/case)(lbs/kg)	1 lb/6 lbs 0.45 kg/1.38 kg
Amt. of Silica Gel (lbs/kg)	n/a
Adsorption Capacity (gal/l)	n/a
Max. Flow Rate (cfm)	40 @ 1 psid
Max. Flow Rate (lpm)	1132
Filtration	0.3 $\mu$ absolute ( $\beta_{0.3} \geq 1000$ )
Operating Temp. Range (°F)	-40 to 300
Operating Temp. Range (°C)	-40 to 149
Body Material	Nylon 6/6 (33% glass filled), Plastisol, Polytetrafluoroethylene
Hydrophilic Agent	n/a
Filter Media	ePTFE
Connection Size (NPT)	1"

## Adapters

Des-Case provides a range of accessories for easy adaptation to your specific application and working environment. Des-Case recommends using a vacuum indicator in conjunction with the DC-ND-35. Contact us at (615) 672-8800 or at [sales@descase.com](mailto:sales@descase.com) to learn more.

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