

# BREATHERS:

## Non-Desiccant (ND-2)

Prevent contamination when humidity is not an issue



### APPLICATIONS:

- Oil sight glasses
- Small gearboxes

# The Overview

## Non-Desiccant Breathers: The Highlights

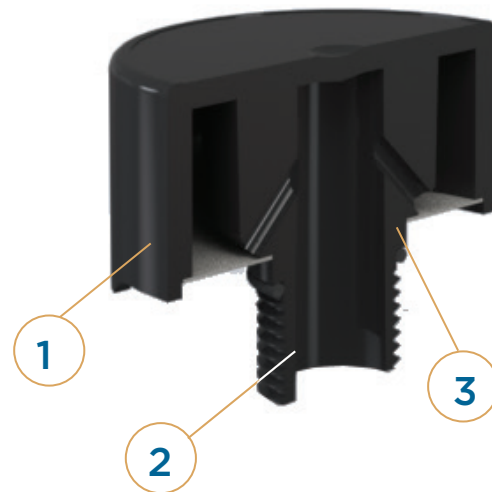
- Filter element captures particles down to 0.3 micron absolute ( $\beta_{0.3} \geq 1000$ )
- O-ring seal with pipe threading eliminates the need for additional sealant
- Durable nylon 6/6 body
- Filter creates impenetrable barrier against water droplets
- Provides longer oil life
- Reduces wear and tear on equipment, prolonging life

## Dimensions & Connections:

Product Specifications	DCE-ND-2
Unit Height	13.4 cm
Unit Diameter	4.6 cm
Shipping Weight per Unit	0.03 kg
Amount of Desiccant	n/a
Max. Adsorption Capacity (ml)	n/a
Max. Flow Rate (L/min)	18.97 @ 70 mbar
Filtration	0.3 $\mu$ absolute ( $\beta_{0.3} \geq 1000$ )
Operating Temp. Range	-40-149°C
Hydrophilic Agent	n/a
Filter Media	ePTFE
Connection Size	3/8"
Body Material	Nylon 6/6 (33% glass-filled)

## How It Works

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



## By the Numbers

### 1-Rugged Exterior

Durable, shock-absorbing housing

### 2-Threaded Mounting

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

### 3-Hydrophobic Filter Element

Particulate filter element repels water and protects against dirt

# BREATHERS:

## Non-Desiccant (ND-35)

Prevent contamination when humidity is not an issue.



### APPLICATIONS:

- Low-humidity applications
- Water-based lubricants
- Arid, high-dust environments
- Oil misting applications

# The Overview

## Non-Desiccant Breathers: The Highlights

- Pleated filter element provides a large surface area and captures particles down to 0.3 micron absolute ( $\beta_{0.3} \geq 1000$ )
- Rugged nylon 6/6 housing
- Blocks free water from reservoir
- Prevents sludge deposits and water-contaminated oil
- Provides longer oil and filter life
- Reduces wear and tear on equipment, prolonging life

## Dimensions & Connections:

Product Specifications	DCE-ND-35
Unit Height	12.7 cm
Unit Diameter	12.7 cm
Shipping Weight Dry Weight (unit/case)	0.45 kg/2.72 kg
Amount of Desiccant	n/a
Max. Adsorption Capacity (ml)	n/a
Max. Flow Rate (L/min)	1,133 @ 70 mbar
Filtration	0.3 $\mu$ absolute ( $\beta_{0.3} \geq 1000$ )
Operating Temp. Range	-40-149°C
Hydrophilic Agent	n/a
Filter Media	ePTFE
Connection Size	1"
Body Material	Nylon 6/6 (33% glass-filled), Plastisol, Polytetrafluoroethylene

## How It Works:

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



## By the Numbers

### 1-Pleated Element

Pleated filter element protects against particulate contamination.

### 2-Hydrophobic Filter Element

Particulate filter element repels water and protects against dirt.

### 3-Oil Coalescing

ePTFE coating allows oil mist to coalesce.

### 4-Threaded Mounting

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

### 5-Rugged Exterior

Durable, shock-absorbing housing