

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, prolongs life

Dimensions & Connections:

Product Specifications	DC-ND-35
Unit Height	5"/12.7cm
Unit Diameter	5"/12.7cm
Shipping Weight Dry Weight (unit/case)	11lb/6lbs 0.45kg/2.72kg
Amount of Desiccant	n/a
Max. Adsorption Capacity (fl oz./ml)	n/a
Max. Air Flow Rate (cfm)	40 @ 1psid
Max. Fluid Flow Rate (lpm/gpm)	1132/300
Filtration	0.3 μ absolute ($\beta_{0.3} \geq 1000$)
Operating Temp. Range	-40°F-300°F/ -40°C-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