

Product Information



Xclude™ Contamination Exclusion

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Xclude™ Extreme Duty Breather

LE's most versatile breather solution



Applications

- Mobile/off-road equipment
- Harsh environments with vibration
- Nautical applications

Highlights

- Excellent vibration and impact resistance
- Broad temperature range and chemical compatibility
- Quality check-valves isolate system while accommodating high airflow
- Filter efficiency down to 0.3µ (β0.3≥200)
- Provides longer oil and filter life



Overview

By The Numbers

1—Quad Check Valves

Check-valves provide system pressurization, protecting system integrity and extending product life.

2—Filter Element

ePTFE filter removes airborne contamination to 0.3-micron absolute. Stops free water.

3—Water Vapor Adsorbent

Color-indicating silica gel adsorbs water from incoming air. Replace when color changes from blue to pink.

4—Filter Element

Second particulate filter element protects against migration of desiccant.

5—Visual Indicator

Windows on two sides of breather allow for easy monitoring of desiccant.

6—Rugged Housing

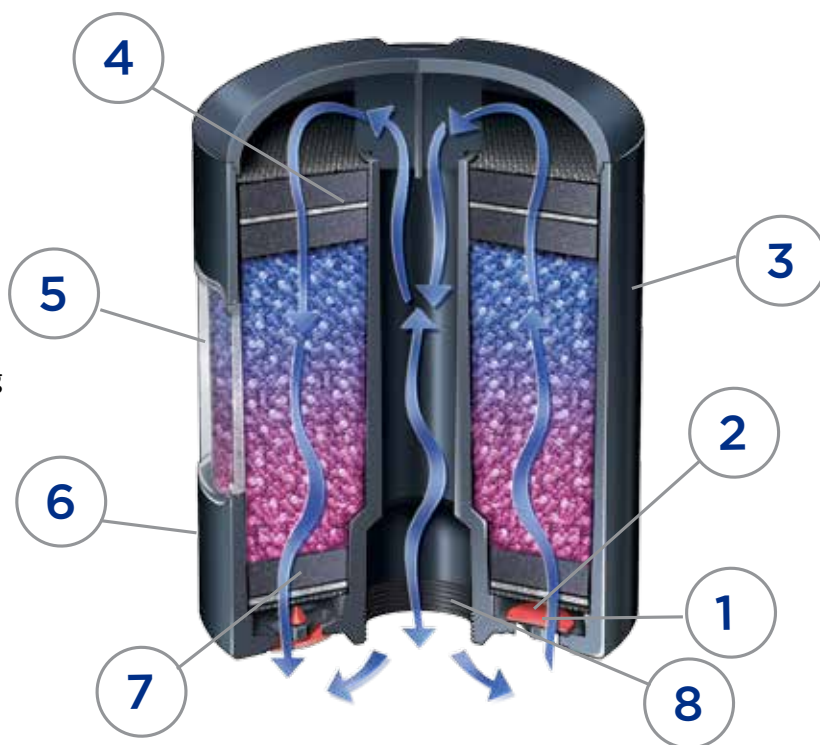
Constructed from a PC/PBT alloy that maximizes chemical compatibility at the surface and impact resistance at the core.

7—Foam Pad

Foam filter captures any oil mist and disperses incoming air evenly over filtration and drying areas.

8—Integrated Standpipe

Resilient construction provides durability and allows oil mist to coalesce and drain back into the reservoir.



Dimensions & Connections

Product Specs	LEXD16UNF-3
Unit Height	6.5"/16.5cm
Unit Diameter	5.1"/12.95cm
Shipping Weight Dry Weight (unit/case)	3.03lb/19.97lb 1.37kg/9.06kg
Amount of Desiccant	1.75lb/0.79kg
Max. Adsorption Capacity (fluid oz/ml)	10.65 fluid oz/315mL
Max. Airflow Rate (cfm)	16 @ 1psid
Max. Fluid Flow Rate (lpm/gpm)	456/120
Filtration	0.3μ absolute ($R_{0.3} \geq 200$)
Operating Temp. Range	-40°F-300°F/ -40°C-149°C
Hydrophilic Agent	Silica gel
Filter Media	ePTFE
Connection Size	1 1/2" x 16 UN female thread
Body Material	Polycarbonate/Polybutylene Terephthalate (PC/PBT), Polytetrafluoroethylene, Aluminum, Polyurethane, Polycarbonate

How It Works

As wet, contaminated air is drawn through the unit, multiple 0.3-micron filter elements remove solid particulates while 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.