

# 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 0.3 $\mu$  ( $\beta_{0.3} \geq 200$ )
- Provides longer oil and filter life



## 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

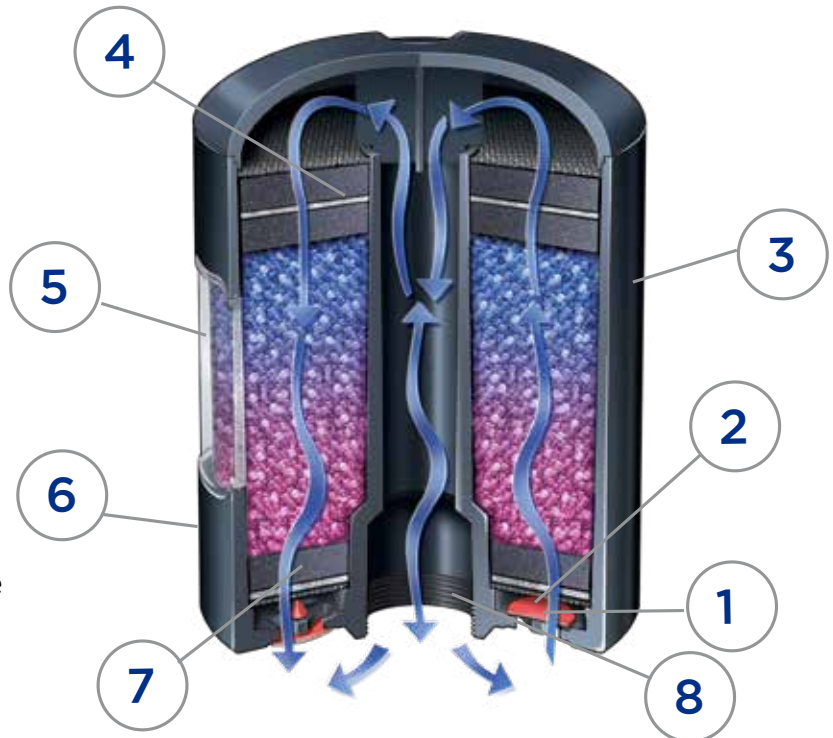
Foam filter captures any oil mist and disperses incoming air evenly over filtration and drying areas.

### 8—Integrated Standpipe

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

## 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.



## 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 (β <sub>0.3</sub> ≥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