

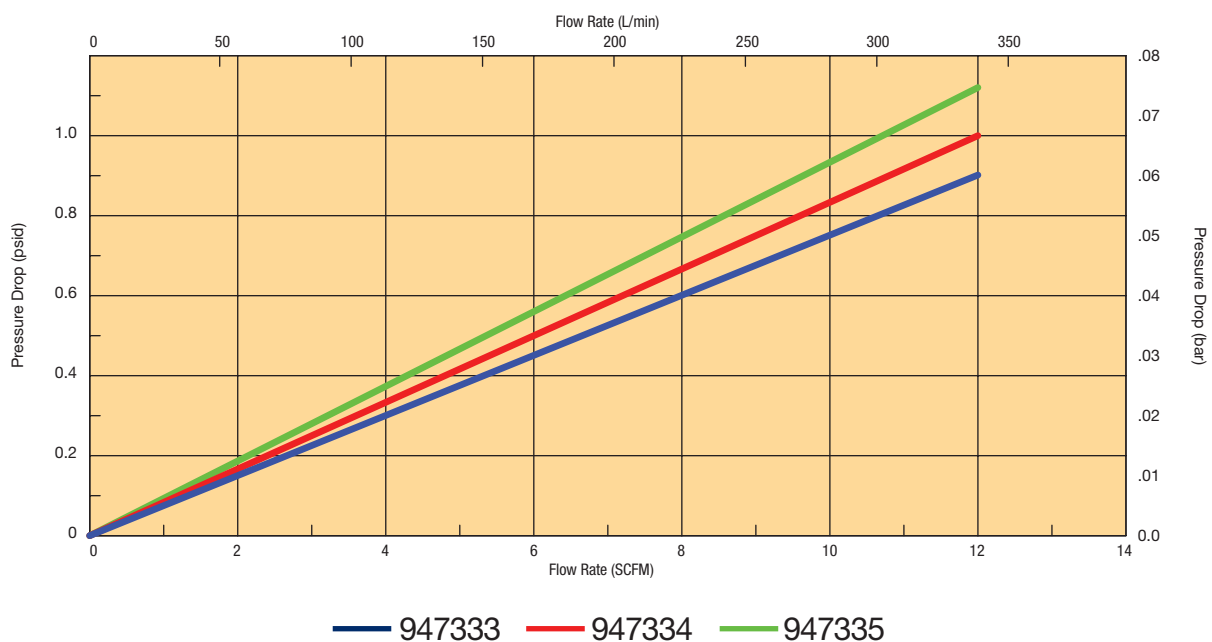
# TriCeptor *Plus*

## Specifications

General Data	947333	947334	947335
Amount of ZEOLITE	0.16 lbs	0.28 lbs	0.40 lbs
	0.07 kg	0.13 kg	0.18 kg
Amount of Silica Gel	0.64 lbs	1.12 lbs	1.60 lbs
	0.29 kg	0.51 kg	0.73 kg
Adsorption Capacity	4.7 fl oz	8.3 fl oz	11.8 fl oz
	139 ml	246 ml	349 ml
Net Weight of Unit	1.2 lbs	1.9 lbs	2.6 lbs
	0.54 kg	0.86 kg	1.18 kg
Direction of Flow	Bidirectional	Bidirectional	Bidirectional
Operating Temp Range	-20°F to 200°F / -29°C to 93°C	-20°F to 200°F / -29°C to 93°C	-20°F to 200°F / -29°C to 93°C
Maximum Flow Rate	12 SCFM	11 SCFM	10 SCFM

### Air Flow Performance

The curves below show the air flow performance of the TriCeptor *Plus* breathers. To ensure the longest life possible, the initial clean pressure drop should not exceed 1.0 psid (.07 bar).



# TriCeptor Extended

## Features

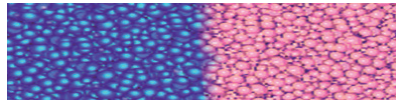
### Materials:

Housing: Polycarbonate, Nylon 6/6 30% Glass Filled, Polypropylene

**Filter Efficiency:** 3 $\mu$  absolute ( $\beta_3 \geq 200$ )

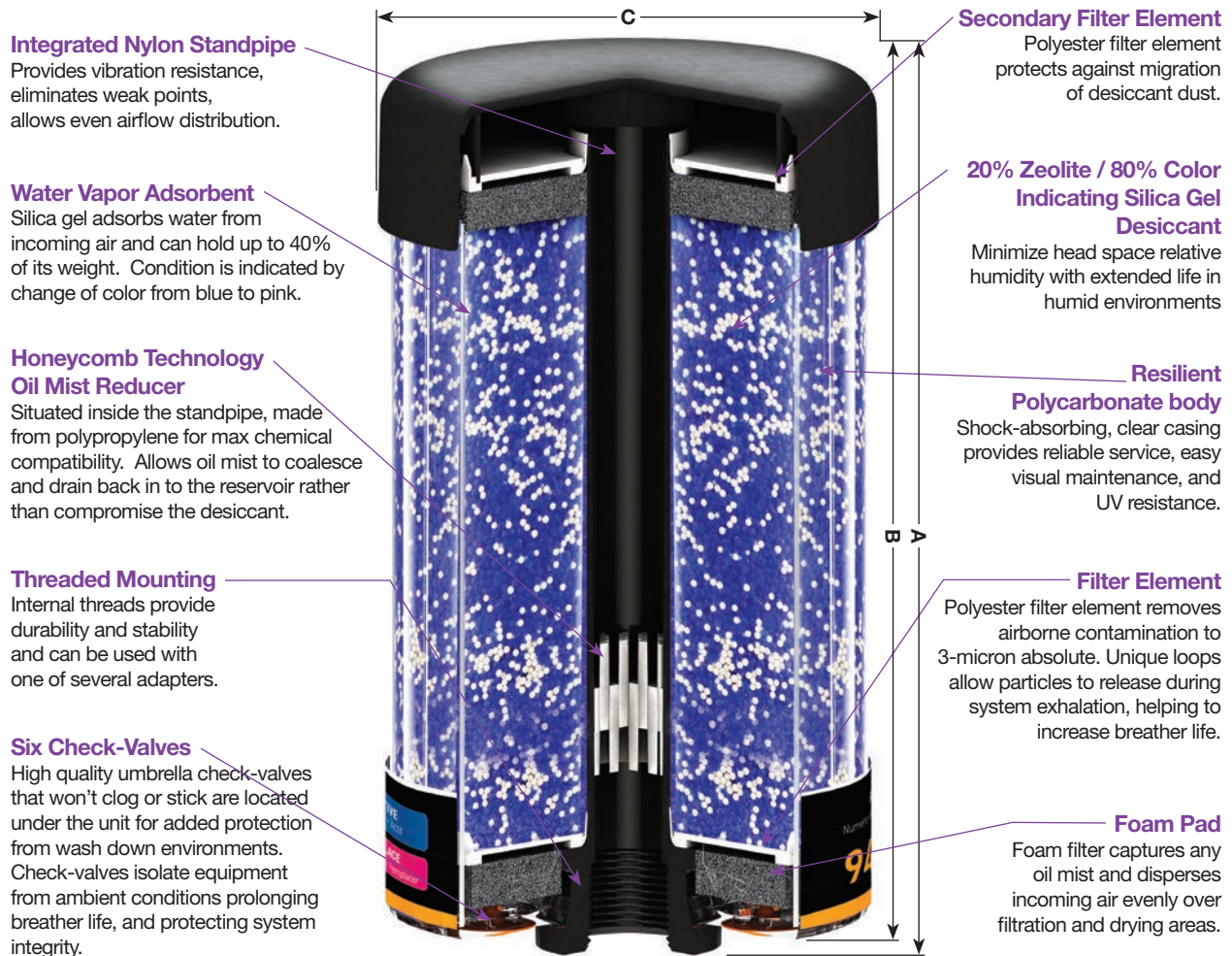
**Operating Temperatures:** -20°F (-29°C) to 200°F (93°C)

**Seals:** Nitrile, PVC



Active

Replace



Part Number	A (in/mm)	B (in/mm)	C (in/mm)	Thread	Qty
947336	6.40/163	6.02/153.34	5.66/143.88	1" Female (FNPT)	6 pcs
947337	8.20/208	7.82/198.34	5.66/143.88	1" Female (FNPT)	6 pcs
947338	10.00/254	9.62/244.34	5.66/143.88	1" Female (FNPT)	6 pcs

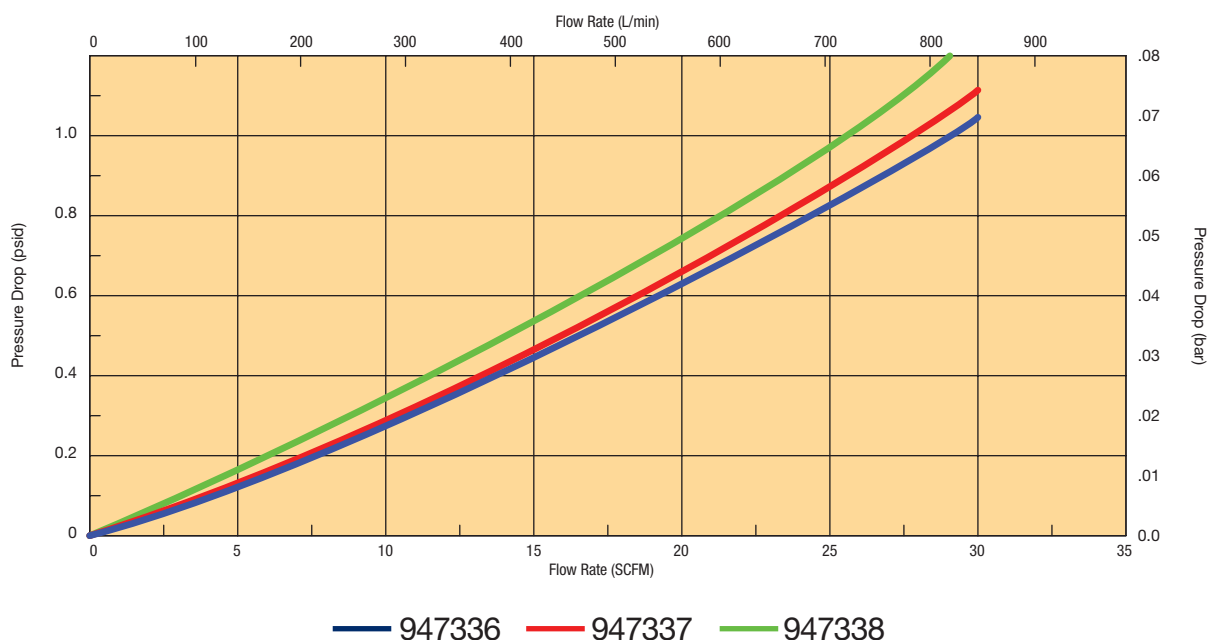
# TriCeptor *Extended*

## Specifications

General Data	947336	947337	947338
Amount of ZEOLITE	0.42 lbs	0.64 lbs	0.84 lbs
	0.19 kg	0.29 kg	0.38 kg
Amount of Silica Gel	1.68 lbs	2.56 lbs	3.35 lbs
	0.76 kg	1.16 kg	1.52 kg
Adsorption Capacity	12.8 fl oz	18.9 fl oz	25.0 fl oz
	379 ml	558 ml	738 ml
Net Weight of Unit	3.5 lbs	4.8 lbs	5.9 lbs
	1.59 kg	2.18 kg	2.68 kg
Direction of Flow	Bidirectional	Bidirectional	Bidirectional
Operating Temp Range	-20°F to 200°F / -29°C to 93°C	-20°F to 200°F / -29°C to 93°C	-20°F to 200°F / -29°C to 93°C
Maximum Flow Rate	26 SCFM	25 SCFM	24 SCFM

### Air Flow Performance

The curves below show the air flow performance of the TriCeptor *Extended* breathers. To ensure the longest life possible, the initial clean pressure drop should not exceed 1.0 psid (.07 bar).



# ClearConnect

## Features

### Materials:

Housing: Polycarbonate, Nylon 6/6 30% Glass Filled, Polypropylene

Filter Media: Polyurethane, polyester

**Filter Efficiency:** 3 $\mu$  absolute ( $\beta_3 \geq 200$ )

**Operating Temperatures:** -20°F (-29°C) to 158°F (70°C)

**Seals:** Nitrile, PVC

### Net Weight of Units:

947339 - 2.7 lbs (1.22 kg) CCS10SGBM8M1 - 2.8 lbs (1.27 kg)

947340 - 5.9 lbs (2.68 kg) CCE10SGBM8F1 - 6.0 lbs (2.72 kg)

### Relative Humidity Sensor



### Note:

1 - CCS10SGBM8M1 model only

Assembly Number	Replacement Breather	A (in/mm)	B (in/mm)	C (in/mm)	Thread	Qty
CCS10SGBM8M1	947339	10/253	9.3/237	4.1/104	1" multi-fit male thread with o-ring seal compatible with 1" NPT; 1" NPSM; 1" BSPT; 1" BSPP	6 pcs
CCE10SGBM8F1	947340	10/253	9.6/243	5.7/144	1" Female (FNPT)	6 pcs

# ClearConnect

## Specifications



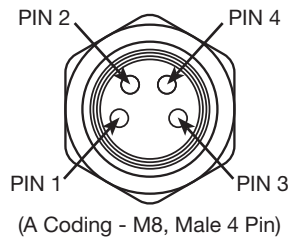
### Materials & Components

Casing	Polycarbonate, Steel (ball plunger)
Cap	Thermoplastic elastomers (TPE), Steel (screws)
Circuit Board	LED lights, FR4 Fiberglass
M8 Connector	Polyamide 67 GF340, Silicone and Nickel Plated Copper Alloy

### Power

Supply Voltage	9-28 V DC
Operational Current Rating	30 mA

Pin 1	Brown	9-28V DC
Pin 2	White	TXA (Low)
Pin 3	Black	TXB (High)
Pin 4	Blue	DC Reference
(Mark State)		



### Environment

13.56 MHz RFID (Module & Sensor-board communication)  
 Intended for indoor and outdoor use  
 Altitude up to 16,404 ft (5,000 m)  
 Maximum Relative Humidity: 100% at up to 158°F (70°C)  
 Dustproof/Waterproof (IP66)  
 Hazardous Ratings: Not rated for hazardous locations  
 FCC, CE, Reach, RoHS

### Connectivity/Data Output

A Coding - M8, 4 pin male  
 RS485 Half Duplex (Modbus)

### Data Storage

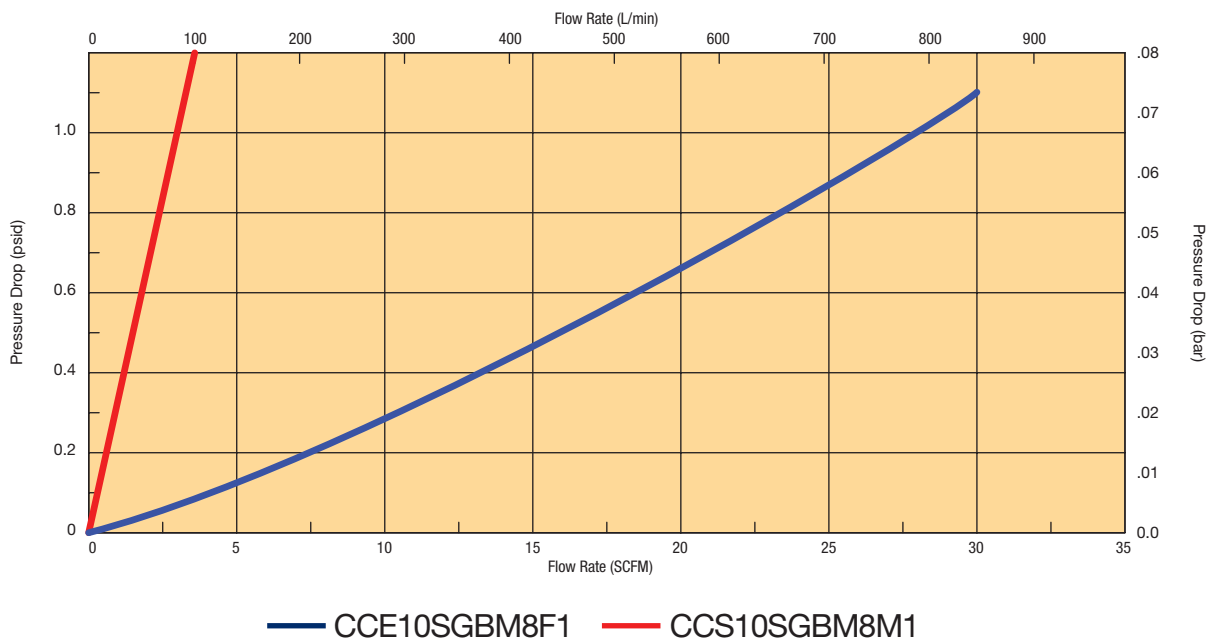
Data readings every 60 minutes  
 Stores 365 Half days of hourly data points

### Power/Data Cable

4 position connector with wire leads x 3m connected  
 breather cable assembly (sold separately)

### Air Flow Performance

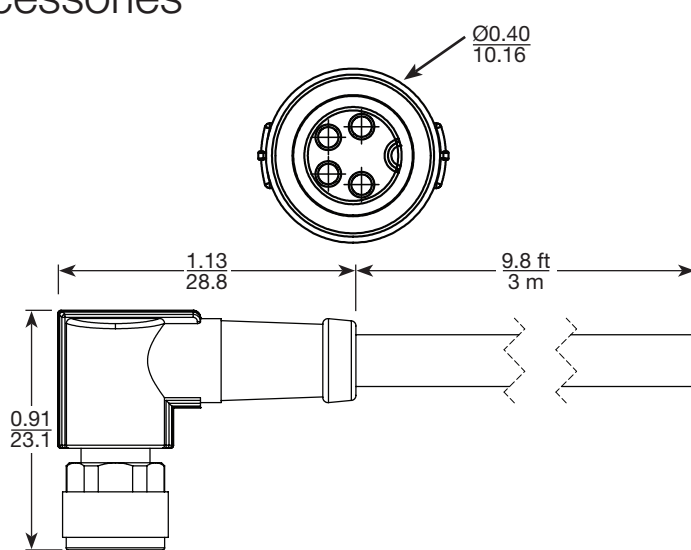
The curves below show the air flow performance of the ClearConnect breathers. To ensure the longest life possible, the initial clean pressure drop should not exceed 1.0 psid (.07 bar).





# Desiccant Breathers

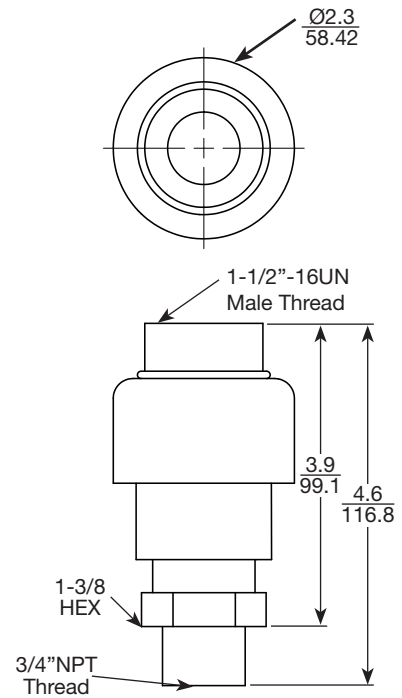
## Accessories



**ClearConnect Power/Data Cable**  
**Length:** 3 Meters  
**Connection:** A Coding - M8, 4 Pin  
**Recommended Torque:** 0.4Nm  
**Temperature Range:** 23°F to 176°F (-5°C to 80°C)

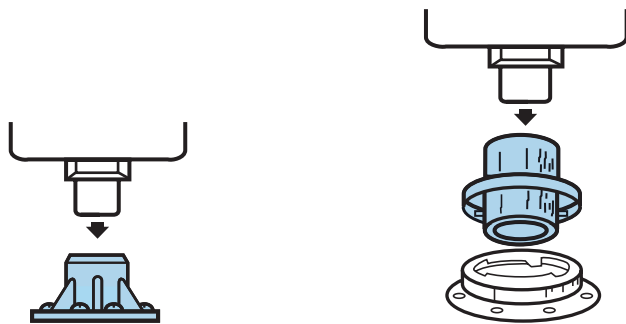
Part Number	Description	Qty
947341	Power/Data Cable	1 pc

For use with ClearConnect



Part Number	Description	Qty
946056	Check Valve Adapter	1 pc

For use with Mobile Breathers

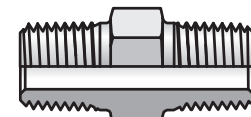


Part Number	Description	Qty
937546	Field Adapter	1 pc

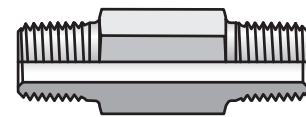
For use with E Z Dri, Triceptor, Triceptor Plus, Triceptor Extended and ClearConnect

Part Number	Description	Qty
937463	Flange Adapter	1 pc

For use with E Z Dri, Triceptor, Triceptor Plus, Triceptor Extended and ClearConnect



1 FF-S



1x3.0 FFF-S

Part Number	Description	Qty
1 FF-S	2.34" Pipe with 1" NPT connections	1 pc
1x3.0 FFF-S	3" Pipe with 1" NPT connections	1 pc

Please contact Parker Tube Fittings Division at [tfd.support@support.com](mailto:tfd.support@support.com) or call 614.279.7070

# Desiccant Breathers

## Maintenance

	Installation	Disposal
<b>E Z Dri</b> <i>Zeolite Breather</i>	<ol style="list-style-type: none"> <li>1. Remove safety cap from bottom of standpipe</li> <li>2. Remove caps from bottom vent holes</li> <li>3. Mount breather to the tank or reservoir using the adapter best suited for the application</li> </ol>	<ol style="list-style-type: none"> <li>1. Verify the breather is fully saturated - all blue beads will be beige in color</li> <li>2. Remove breather from gearbox, tank, reservoir, or other application</li> <li>3. Remove and save the adapter fitting to be used with a new breather</li> <li>4. Verify and dispose of breather in accordance with your state and local environmental control regulations</li> </ol>
<b>TriCeptor</b> <i>Silica Gel Breather</i>  <b>TriCeptor Plus</b> <i>Mixed Desiccant Breather</i>	<ol style="list-style-type: none"> <li>1. Remove safety cap from bottom of standpipe</li> <li>2. Remove caps from bottom vent holes</li> <li>3. Mount breather to the tank or reservoir using the adapter best suited for the application</li> </ol>	<ol style="list-style-type: none"> <li>1. Verify the breather is fully saturated - all blue beads will be pink in color</li> <li>2. Remove breather from gearbox, tank, reservoir, or other application</li> <li>3. Remove and save the adapter fitting to be used with a new breather</li> <li>4. Verify and dispose of breather in accordance with your state and local environmental control regulations</li> </ol>
<b>Mobile</b> <i>Rugged Breather</i>	<ol style="list-style-type: none"> <li>1. Remove safety cap from bottom of standpipe</li> <li>2. Mount breather to the tank or reservoir using the adapter best suited for the application</li> </ol>	<ol style="list-style-type: none"> <li>1. Verify the breather is fully saturated</li> <li>2. Remove breather from gearbox, tank, reservoir, or other application</li> <li>3. Remove and save the adapter fitting to be used with a new breather</li> <li>4. Verify and dispose of breather in accordance with your state and local environmental control regulations</li> </ol>
<b>TriCeptor Extended</b> <i>Mixed Desiccant Breather</i>	<ol style="list-style-type: none"> <li>1. Remove safety cap from bottom of breather</li> <li>2. Mount breather to the tank or reservoir using the adapter best suited for the application</li> </ol>	<ol style="list-style-type: none"> <li>1. Verify the breather is fully saturated - all blue beads will be pink in color</li> <li>2. Remove breather from gearbox, tank, reservoir, or other application</li> <li>3. Remove and save the adapter fitting to be used with a new breather</li> <li>4. Verify and dispose of breather in accordance with your state and local environmental control regulations</li> </ol>
<b>ClearConnect</b> <i>Wired Relative Humidity Sensor</i>	<ol style="list-style-type: none"> <li>1. Remove safety cap from bottom of breather</li> <li>2. Connect sensor communication module using provided wiring diagram</li> <li>3. Mount breather to the tank or reservoir using the adapter best suited for the application</li> <li>4. Install wired sensor communication module onto breather body</li> </ol>	<ol style="list-style-type: none"> <li>1. Verify the breather is fully saturated - Change when breather life remaining is 0%.</li> <li>2. Remove sensor communication module from spent breather cartridge - slide toward top cap.</li> <li>3. Remove breather from gearbox, tank, reservoir, or other application</li> <li>4. Remove and save the adapter fitting to be used with a new breather</li> <li>5. Verify and dispose of breather in accordance with your state and local environmental control regulations</li> </ol>







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