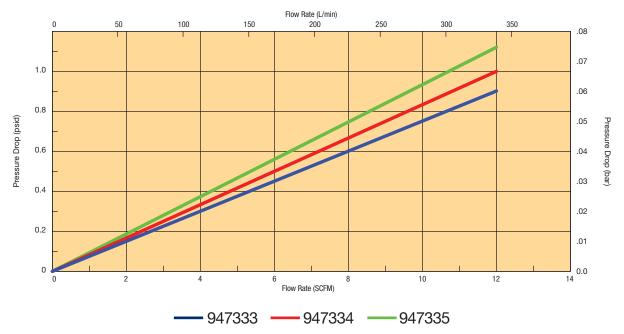
TriCeptor *Plus*

Specifications

General Data	947333	947334	947335	
Amount of ZEOLITE	0.16 lbs	0.28 lbs	0.40 lbs	
Amount of Zeocite	0.07 kg	0.13 kg	0.18 kg	
Amount of Cilian Col	0.64 lbs	1.12 lbs	1.60 lbs	
Amount of Silica Gel	0.29 kg	0.51 kg	0.73 kg	
Adaquation Consoity	4.7 fl oz	8.3 fl oz	11.8 fl oz	
Adsorption Capacity	139 ml	246 ml	349 ml	
N	1.2 lbs	1.9 lbs	2.6 lbs	
Net Weight of Unit	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

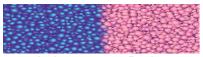
Materials:

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

Filter Efficiency: 3µ absolute (β₃≥200)

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

Seals: Nitrile, PVC



Active

Replace



Provides vibration resistance, eliminates weak points, allows even airflow distribution.

Water Vapor Adsorbent

Silica gel adsorbs water from incoming air and can hold up to 40% of its weight. Condition is indicated by change of color from blue to pink.

Honeycomb Technology **Oil Mist Reducer**

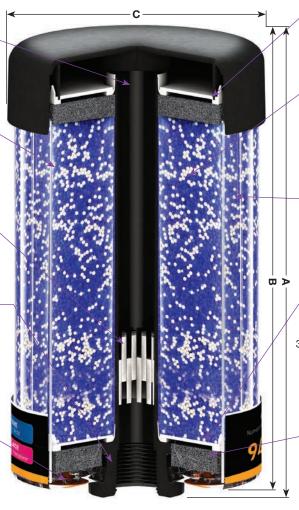
Situated inside the standpipe, made from polypropylene for max chemical compatibility. Allows oil mist to coalesce and drain back in to the reservoir rather than compromise the desiccant.

Threaded Mounting

Internal threads provide durability and stability and can be used with one of several adapters.

Six Check-Valves

High quality umbrella check-valves that won't clog or stick are located under the unit for added protection from wash down environments. Check-valves isolate equipment from ambient conditions prolonging breather life, and protecting system integrity.





Polyester filter element protects against migration of desiccant dust.

20% Zeolite / 80% Color **Indicating Silica Gel Desiccant**

Minimize head space relative humidity with extended life in humid environments

Resilient

Polycarbonate body Shock-absorbing, clear casing provides reliable service, easy visual maintenance, and UV resistance.

Filter Element

Polyester filter element removes airborne contamination to 3-micron absolute. Unique loops allow particles to release during system exhalation, helping to increase breather life.

Foam Pad

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

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





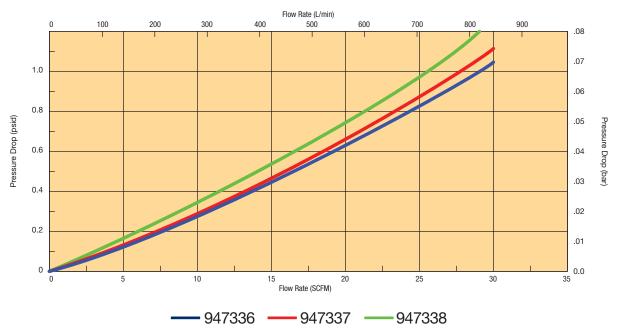
TriCeptor *Extended*

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 Cilian Cal	1.68 lbs	2.56 lbs	3.35 lbs
Amount of Silica Gel	0.76 kg	1.16 kg	1.52 kg
A de a vinationa Compositor	12.8 fl oz	18.9 fl oz	25.0 fl oz
Adsorption Capacity	379 ml	558 ml	738 ml
	3.5 lbs	4.8 lbs	5.9 lbs
Net Weight of Unit	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: 3µ absolute (β₂≥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



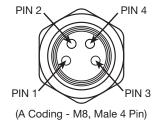
Materials & Components

Casing	Polycarbonate, Steel (ball plunger)
Сар	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

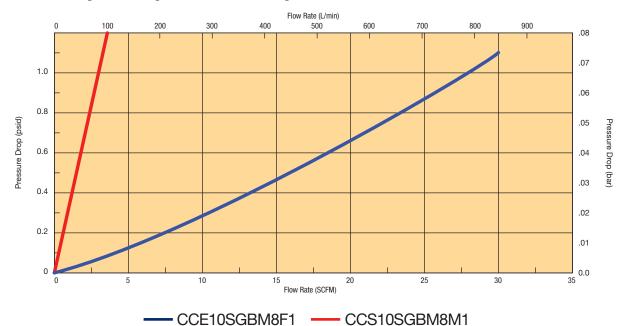
Data readings every 60 minutes Stores 365 Half days of hourly data points

Power/Data Cable

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

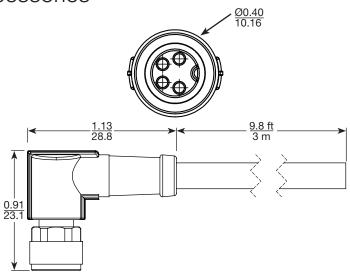
Air Flow Performance

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

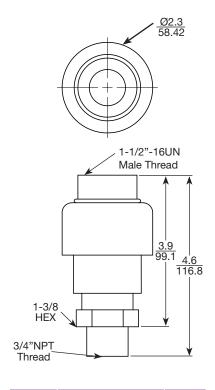
Length: 3 Meters

Connection: A Coding - M8, 4 Pin Recommended Torque: 0.4Nm

Temperature Range: 23°F to 176°F (-5°C to 80°C)

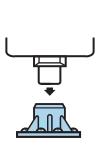
Part Number	Description	Qty
947341	Power/Data Cable	1 pc

For use with ClearConnect



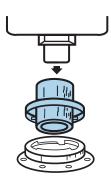
Part Number	Description	Qty
946056	Check Valve Adapter	1 pc

For use with Mobile Breathers



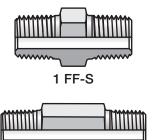
Part Number	Description	Qty
937546	Field Adapter	1 pc

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



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

Please contact Parker Tube Fittings Division at tfd.support@support.com or call 614.279.7070

inches

Drawings are for reference only. Contact factory for current version.

Desiccant Breathers

Maintenance

	Installation	Disposal		
E Z Dri Zeolite Breather	 Remove safety cap from bottom of standpipe Remove caps from bottom vent holes Mount breather to the tank or reservoir using the adapter best suited for the application 	 Verify the breather is fully saturated - all blue beads will be beige in color Remove breather from gearbox, tank, reservoir, or other application Remove and save the adapter fitting to be used with a new breather Verify and dispose of breather in accordance with your state and local environmental control regulations 		
TriCeptor Silica Gel Breather TriCeptor Plus Mixed Desiccant Breather	 Remove safety cap from bottom of standpipe Remove caps from bottom vent holes Mount breather to the tank or reservoir using the adapter best suited for the application 	 Verify the breather is fully saturated - all blue beads will be pink in color Remove breather from gearbox, tank, reservoir, or other application Remove and save the adapter fitting to be used with a new breather Verify and dispose of breather in accordance with your state and local environmental control regulations 		
Mobile Rugged Breather	Remove safety cap from bottom of standpipe Mount breather to the tank or reservoir using the adapter best suited for the application	 Verify the breather is fully saturated Remove breather from gearbox, tank, reservoir, or other application Remove and save the adapter fitting to be used with a new breather Verify and dispose of breather in accordance with your state and local environmental control regulations 		
TriCeptor <i>Extended Mixed Desiccant Breather</i>	 Remove safety cap from bottom of breather Mount breather to the tank or reservoir using the adapter best suited for the application 	 Verify the breather is fully saturated - all blue beads will be pink in color Remove breather from gearbox, tank, reservoir, or other application Remove and save the adapter fitting to be used with a new breather Verify and dispose of breather in accordance with your state and local environmental control regulations 		
ClearConnect Wired Relative Humidity Sensor	 Remove safety cap from bottom of breather Connect sensor communication module using provided wiring digram Mount breather to the tank or reservoir using the adapter best suited for the application Install wired sensor communication module onto breather body 	 Verify the breather is fully saturated - Change when breather life remaining is 0%. Remove sensor communication module from spent breather cartridge - slide toward top cap. Remove breather from gearbox, tank, reservoir, or other application Remove and save the adapter fitting to be used with a new breather Verify and dispose of breather in accordance with your state and local environmental control regulations 		

Notes					





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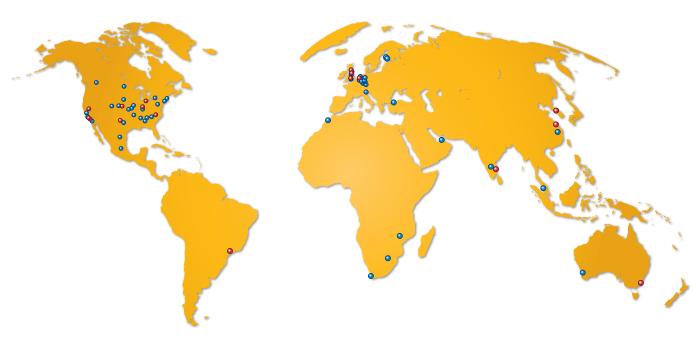
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2300-BRE_Rev-A 05/20



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