



## Reservoir Accessories

Filler Breathers, Strainers, Diffusers,  
Fluid Level/Temperature Gauges



ENGINEERING YOUR SUCCESS.

# Reservoir Accessories

## Non-Metallic Filler Breathers

### Anti-Splash Design

#### Specifications

##### Materials:

Body: Non-corrodible glass filled nylon

Valve: Nylon/Nitrile

Dipstick: ABS, acetal Hi/Lo indicators

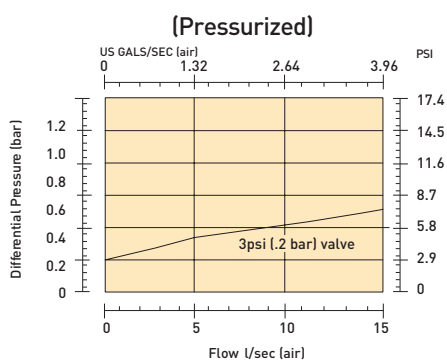
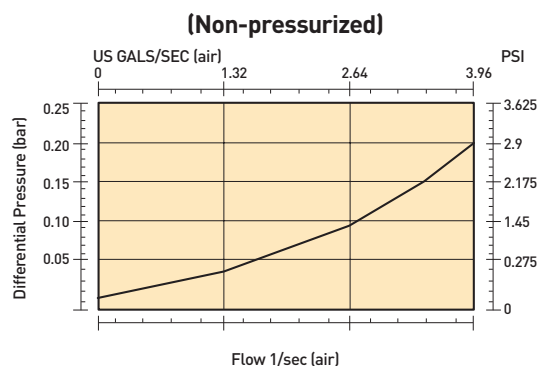
**Filtration Element:** Expanded polyurethane foam, 10 micron

**Operating Temperatures:** -22°F (-30°C) to 195°F (90°C)

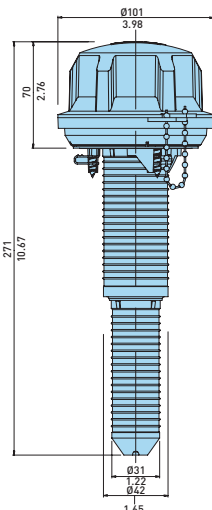
**Seals:** Nitrile (single-hole), cork gasket (six-hole)

**Pressurization Options:** 3 psi (0.2 bar)

**Dipstick:** (optional) 7.9 in. (200 mm) or 15.8 in. (400 mm) lengths with adjustable Hi/Lo indicators

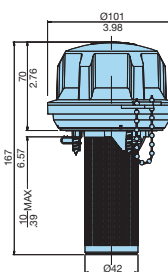


#### Telescopic Strainer

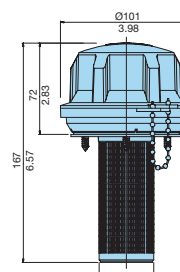


TANK MOUNTING HOLE Ø.63  
NOTE: REFER TO UCC PRODUCTION INSTRUCTIONS FOR ASSEMBLY DETAILS AND PACKING REQUIREMENTS

#### Single-Hole Option



#### Six-Hole Option



Linear Measurement =  $\frac{\text{mm}}{\text{in}}$

#### Non-pressurized

| Single-Hole Part Number | Six-Hole Part Number | Micron Rating | Description                              | Screws*    |
|-------------------------|----------------------|---------------|--|------------|
| AB98210011              | AB.98810011.UC       | 10            | Filler breather w/ 3.7" (95 mm) strainer | (6)-#10x.5 |
| AB98210021              | AB.98810021.UC       | 10            | Filler breather w/ telescopic strainer   | (6)-#10x.5 |

#### Pressurized

| Single-Hole Part Number | Six-Hole Part Number | Micron Rating | Description                             | Screws*    |
|-------------------------|----------------------|---------------|---|------------|
| Not available           | AB.98812021.UC       | 10            | 3 psi (.2 bar) with telescopic strainer | (6)-#10x.5 |

#### Dipsticks

| Part Number | Description          |
|-------------|----------------------|
| B68206      | Pack of (10) x 7.9"  |
| B68207      | Pack of (10) x 15.8" |

\*Mounting screws for six-hole only

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

# Reservoir Accessories

## Non-Metallic Breathers

### Threaded Type

#### Specifications

##### Materials:

Body: Nylon 66

Valve: Nylon/Nitrile

Dipstick: ABS, acetal Hi/Lo indicators

**Filtration Element:** Expanded polyurethane foam, 10 micron

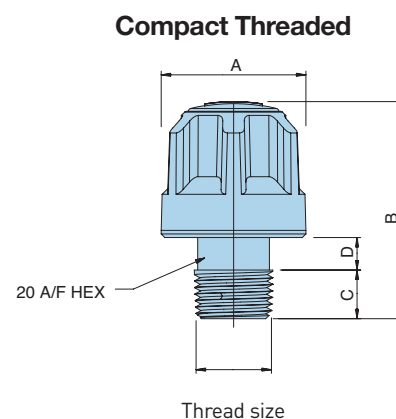
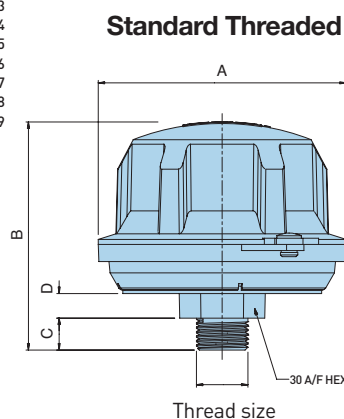
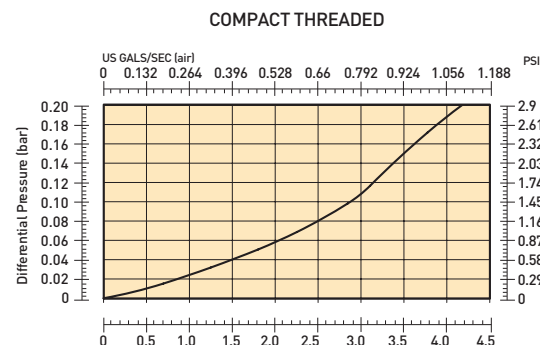
**Operating Temperatures:** -22°F (-30°C) to 195°F (90°C)

**Seals:** Nitrile

**Pressurization Options:** 3 psi (0.2 bar)

**Dipstick:** (optional) 7.9 in. (200 mm) or 15.8 in. (400mm) lengths with adjustable Hi/Lo indicators

### Anti-Splash Design



#### Compact Threaded (dimensions inches(mm))

| Single-Hole Part Number | Micron Rating | Thread   | Pressure        | A        | B        | C          | D       |
|-------------------------|---------------|----------|-----------------|----------|----------|------------|---------|
| 943296*                 | 10            | 1/4" NPT | non-pressurized | 1.6 (40) | 2.2 (57) | .55 (14)   | .24 (6) |
| 943298*                 | 10            | 1/2" NPT | non-pressurized | 1.6 (40) | 2.4 (60) | .53 (13.5) | .35 (9) |
| 942642*                 | 10            | 3/4" NPT | non-pressurized | 1.6 (40) | 2.4 (60) | .55 (14)   | .35 (9) |
| 943297                  | 10            | 3/8" NPT | non-pressurized |          |          |            |         |

#### Standard Threaded (dimensions inches(mm))

| Single-Hole Part Number | Micron Rating | Thread   | Pressure        | A         | B        | C        | D        |
|-------------------------|---------------|----------|-----------------|-----------|----------|----------|----------|
| AB.98410201.UC          | 10            | 3/4" NPT | non-pressurized | 4.0 (101) | 3.8 (95) | .63 (16) | .39 (10) |
| AB.98412201.UC          | 10            | 3/4" NPT | 3 psi (.2 bar)  |           |          |          |          |

#### Dipsticks

| Part Number | Description          |
|-------------|----------------------|
| B68206      | Pack of (10) x 7.9"  |
| B68207      | Pack of (10) x 15.8" |

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

# Reservoir Accessories

## Metal Filler Breathers

### Flange Type

#### Specifications

##### Materials:

Cap & Plate: Nickel chrome plated steel

Valve: Nylon/Nitrile

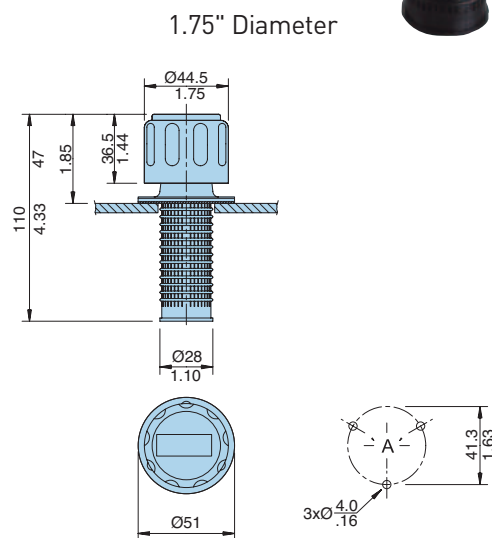
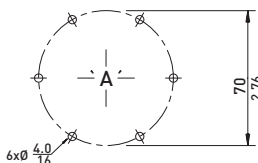
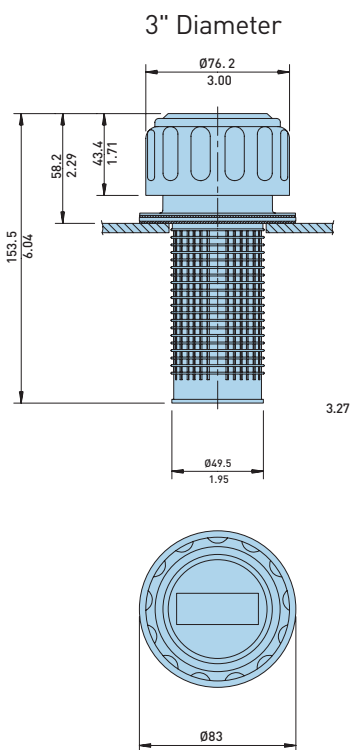
Gasket: Cork

**Filtration Element:** Expanded polyurethane foam, 10 micron

**Operating Temperatures:** -22°F (-30°C) to 195°F (90°C)

**Seals:** Nitrile

**Pressurization Options:** none, 5 psi (0.35 bar)



Linear Measurement=  $\frac{\text{mm}}{\text{in}}$

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

#### Flange type, Non-pressurized (dimensions inches(mm))

| Part Number | Cap Assembly | Micron Rating | Air Flow              | Description                 | Screws     |
|-------------|--------------|---------------|-----------------------|-----------------------------|------------|
| AB116310    | CAP.1163.10  | 10            | 2 gal/sec (7.5 l/sec) | 3 (76) diameter             | (6)-#10x.5 |
| 5561        | NA           | 10            | 2 gal/sec (7.5 l/sec) | 3 (76) diameter w/ lock lug | (6)-#10x.5 |
| AB.1380.10  | CAP.1380.40  | 10            | 1.3 gal/sec (5 l/sec) | 1.75 (44.5) diameter        | (6)-#10x.5 |

#### Flange type, Pressurized (dimensions inches(mm))

| Part Number   | Cap Assembly  | Micron Rating | Air Flow              | Description                         | Screws     |
|---------------|---------------|---------------|-----------------------|-------------------------------------|------------|
| PAB.1730.10.5 | CAP.1730.40.5 | 10            | 2 gal/sec (7.5 l/sec) | 5 psi (.35 bar), 3" (76mm) diameter | (6)-#10x.5 |



# Reservoir Accessories

## Metal Breathers

### Threaded Type

#### Specifications

##### Materials:

Cap & Plate: Nickel chrome plated steel

Valve: Nylon/Nitrile

Gasket: Cork

Filtration Element: Expanded polyurethane foam, 10 micron

Operating Temperatures: -22°F (-30°C) to 195°F (90°C)

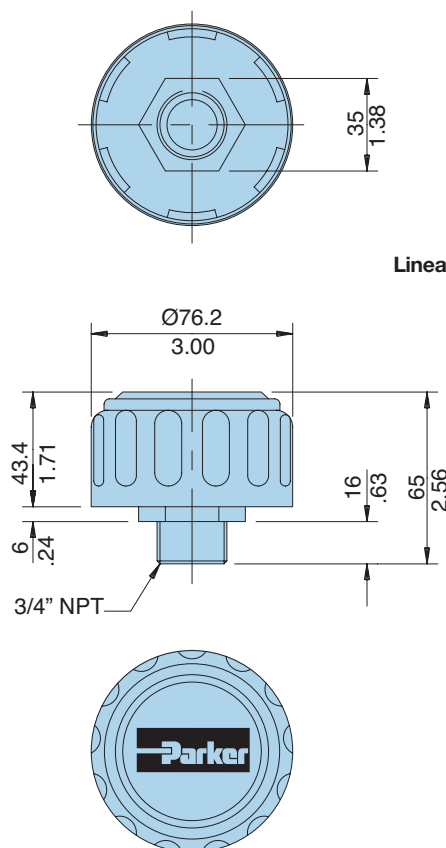
Seals: Nitrile

Pressurization Options: none, 5 psi (0.35 bar)

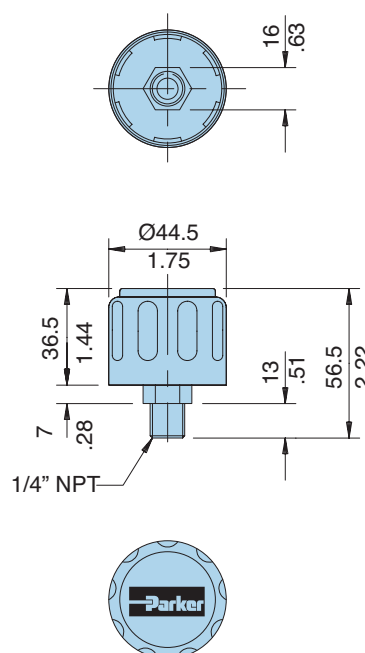


3/4" Threaded

1/4" Threaded



Linear Measurement =  $\frac{\text{mm}}{\text{in}}$



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

#### Threaded, Non-pressurized (dimensions inches(mm))

| Single-Hole Part Number | Micron Rating | Thread   | Air Flow                 | Description          |
|-------------------------|---------------|----------|--------------------------|----------------------|
| SAB.1562.10.NPT         | 10            | 3/4" NPT | 1.3 gal/sec. (5 l/sec)   | 3 (76) diameter      |
| SAB.1563.10.NPT         | 10            | 1/4" NPT | 0.7 gal/sec. (2.5 l/sec) | 1.75 (44.5) diameter |

# E Z Dri Breathers

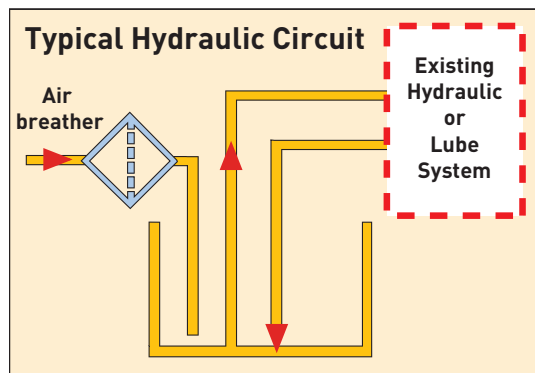
## Applications

- Reservoirs
- Mobile Equipment
- Small Gearboxes
- Transformers
- Storage Tanks
- Totes
- 55 Gallon Drums



Atmospheric ingress of air borne contaminants are key contributors to hydraulic, circulating oil and splash lubrication systems. As temperature fluctuates or fluids are displaced, systems draw air into the fluid reservoir. The reservoir breather becomes a critical barrier to solid contaminants and water vapor. Conversely, when fluids return to the fluid reservoir, air exhausts to the environment.

E Z Dri breathers provide contamination control in these critical areas. Water vapor is captured through the use of highly efficient zeolite desiccant. Solid contaminants are removed to 3 $\mu$  through a series of high efficiency particulate filters. The production environment and plant personnel are safe from hydrocarbon vapors, during air exhaust, with the aid of an activated carbon filter.



## Features

- ZEOLITE adsorbent maximizes water adsorption capacity, less than 100 ppm H<sub>2</sub>O
- Optimal flow via diffusion filters
- Multi-layer filtration - (2) diffusion filters, activated carbon, 3 $\mu$  PTFE filter, 100 $\mu$  stainless steel filter
- ZEOLITE thermal efficiency (efficient at all temps.)
- Diffusion cap - replaces use of valves to control air flow, allows for long term storage
- Flexibility - 1" slip fit adapters
- UV resistant to prevent discoloring
- Oil Mist Coalescer Manifold Adapter (OMCOL)
- Easy visible color indication of spent adsorbent

### Bi-directional Air Flow

Air entering the breather is filtered and dried. Air expelled through the breather is filter through an activated carbon filter, prolonging the life of the breather.

### Rugged construction

E Z Dri breathers are made of hard PVC plastic and UV resistant polycarbonate tube.

### ZEOLITE adsorbent

ZEOLITE adsorbent provides up to 28% by weight adsorption and provides clean dry air less than 100 PPM. ZEOLITE also maintains performance in high temperature environments, unlike Silica Gel.

### Multi-layer filtration

All E Z Dri breathers features (2) diffusion filters, an activated carbon filter, 3 $\mu$  PTFE filter, and 100 $\mu$  stainless steel filter

### Diffusion technology

The diffusion cap replaces the need for mechanical valves to control air flow. The breathers will only breathe over 0.3 PSI

### Application flexibility

E Z Dri breathers feature a standard 1" slip fit which easily adapts to many applications.

### Color Indication

When maximum adsorption is reached, the blue indicating ZEOLITE beads will turn from blue to beige, to indicate that a replacement is required.

# Reservoir Accessories

## Specifications

### General Data

|                             | 934330                                     | 934331                                     | 934332                                     | 941655                                     |
|-----------------------------|--|--|--|--|
| Amount of ZEOLITE           | 376 g                                      | 604 g                                      | 822 g                                      | 722 g                                      |
|                             | 16.3 oz                                    | 21.3 oz                                    | 28.9 oz                                    | 25.5 g                                     |
| Adsorption Capacity         | 52.6 g                                     | 84.6 g                                     | 115.1 g                                    | 101.1 g                                    |
|                             | 1.86 oz                                    | 2.98 oz                                    | 4.06 oz                                    | 3.57 oz                                    |
| Net Weight of Unit          | 700 g                                      | 980 g                                      | 1255 g                                     | 1294 g                                     |
|                             | 1.5 lbs                                    | 2.2 lbs                                    | 2.7 lbs                                    | 2.85 lbs                                   |
| Filtration Area             | 8.4 in <sup>2</sup> / 54.2 cm <sup>2</sup> | 8.4 in <sup>2</sup> / 54.2 cm <sup>2</sup> | 8.4 in <sup>2</sup> / 54.2 cm <sup>2</sup> | 8.4 in <sup>2</sup> / 54.2 cm <sup>2</sup> |
| Direction of Flow           | Bidirectional                              | Bidirectional                              | Bidirectional                              | Bidirectional                              |
| Operating Temperature Range | -40°F to 302°F /<br>-40°C to 150°C         | -40°F to 302°F /<br>-40°C to 150°C         | -40°F to 302°F /<br>-40°C to 150°C         | -40°F to 302°F /<br>-40°C to 150°C         |

### Hygroscopic Agent (Zeolite)

|                           |                             |
|---------------------------|-----------------------------|
| Apparent Bulk Density     | 700 - 800 kg/m <sup>3</sup> |
| Average Particle Diameter | 0.145" / 3.68 mm            |
| Specific Heat             | 0.25 BTU/lb. F              |
| Nominal Mesh Range        | 4 x 8                       |
| Average Crush Strength    | 35 lbs. / 15.9 kg           |

### Unit Material Data

|                               |                            |
|-------------------------------|----------------------------|
| Material                      | UV Resistant Polycarbonate |
| Maximum Operating Temperature | 302°F / 150°C              |
| Melting Point                 | 320°F / 160°C              |
| Check Valve Adapter           | Zinc Plated Steel          |

### Filter Media

|                           |  |
|---------------------------|--|
| Material                  | EPTFE  |
| Porosity                  | 3.5 - 7.5 Ft./min.<br>@ 0.5 in. - H <sub>2</sub> O<br>(ASTM D 737) |
| Air Filtration Efficiency | 99.97% @ 0.3μ<br>(IES-RP-CC021.1)                                  |

# E Z Dri Breathers

Desiccant Type

## Specifications

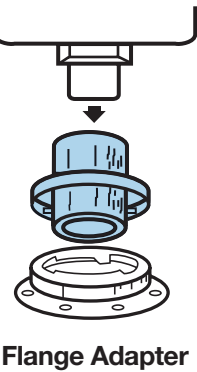
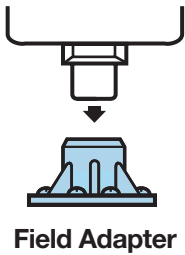
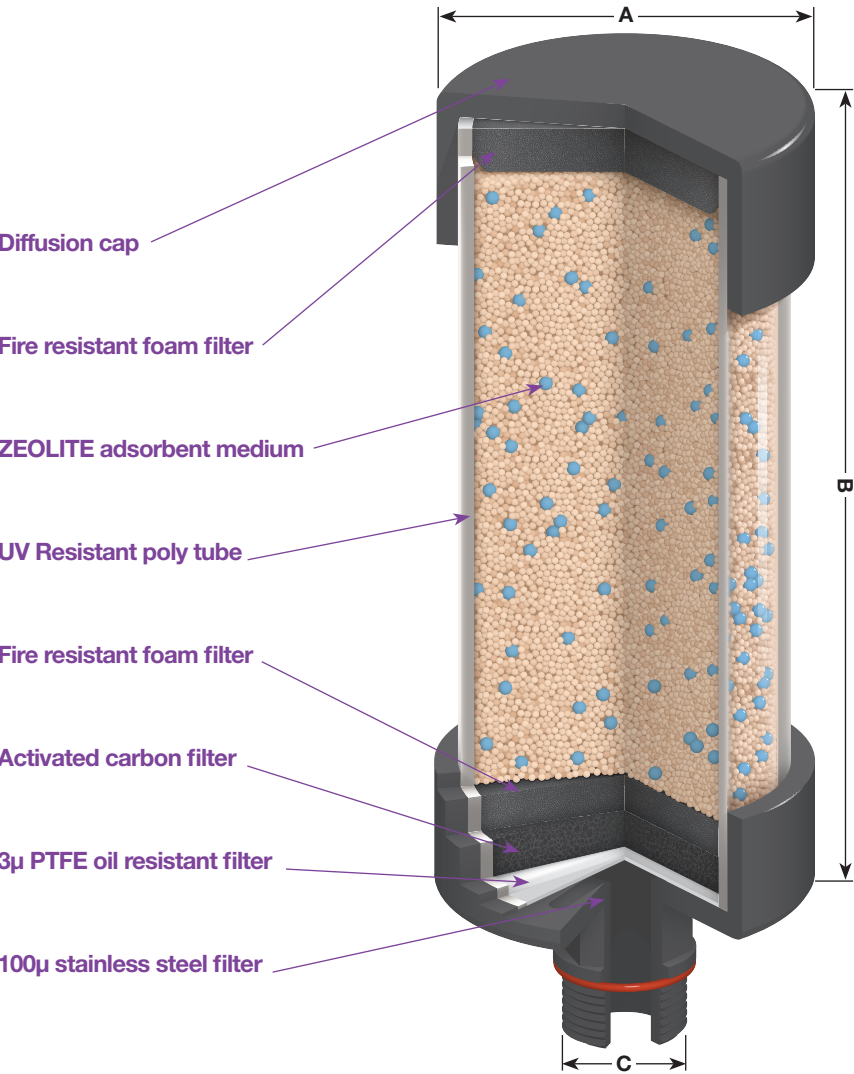
**Materials:**

Casing: PVC plastic  
Stand pipe: UV resistant polycarbonate tube

**Multi-layer Filtration:** 2 diffusion filters, activated carbon filter, 3µ PTFE filter, 100µ stainless steel filter

**Operating Temperatures:** -40°F (-40°C) to 302°F (150°C)

**Seals:** None



| Part Number | A<br>(in/mm) | B<br>(in/mm) | C             | Qty   |
|-------------|--------------|--------------|---------------|-------|
| 934330      | 3.87 / 98.3  | 5 / 127      | 1" NPT thread | 6 pcs |
| 934331      | 3.87 / 8.3   | 7 / 177.8    | 1" NPT thread | 6 pcs |
| 934332      | 3.87 / 98.3  | 9 / 228.6    | 1" NPT thread | 6 pcs |

| Part Number | Description    | Qty  |
|-------------|----------------|------|
| 937546      | Field Adapter  | 1 pc |
| 937463      | Flange Adapter | 1 pc |

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

# Reservoir Accessories

## Mobile Version

### Specifications

#### Materials:

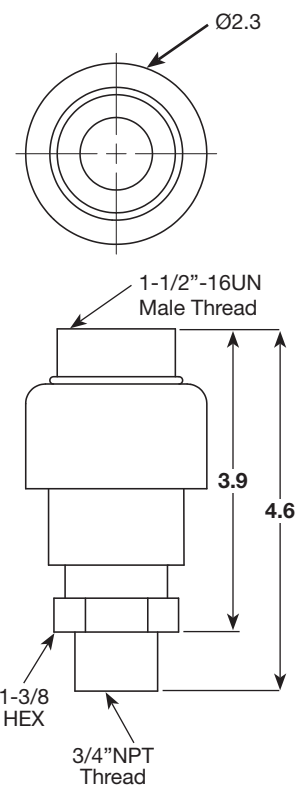
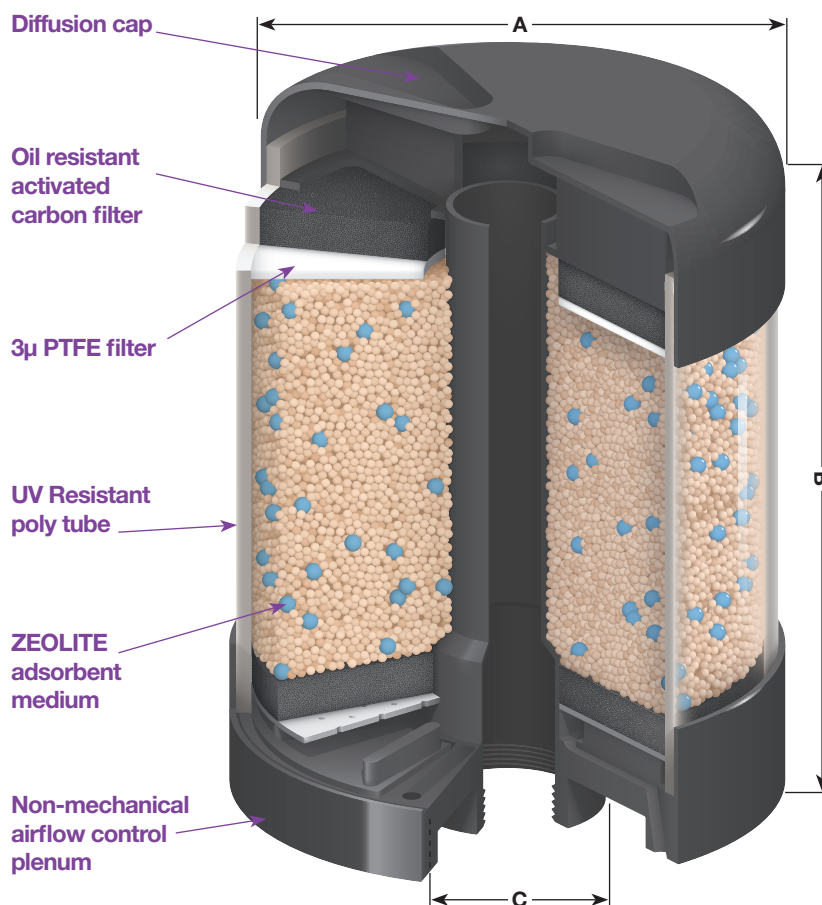
Casing: PVC plastic

Stand pipe: UV resistant polycarbonate tube

**Multi-layer Filtration:** 2 diffusion filters, activated carbon filter, 3 $\mu$  PTFE filter, 100 $\mu$  stainless steel filter

**Operating Temperatures:** -40°F (-40°C) to 302°F (150°C)

**Seals:** None



#### 3/4" NPT Vent Valve Adapter

Prolongs breather life by diverting air exhausting from reservoir away from desiccant bed.

For mobile applications where oil sloshing can occur, it prevents oil coating desiccant bed. Resulting in diminished performance of the breather's water absorption efficiency.

| Part Number | A<br>(in/mm) | B<br>(in/mm) | C               | Qty   |
|-------------|--------------|--------------|-----------------|-------|
| 941655      | 5.25 / 133.4 | 6.17 / 156.7 | 1.5" NPT thread | 1 pc* |

\* Must be ordered in multiples of six (6).

| Part Number | Description        | Qty  |
|-------------|--------------------|------|
| 946056      | Vent Valve Adapter | 1 pc |

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

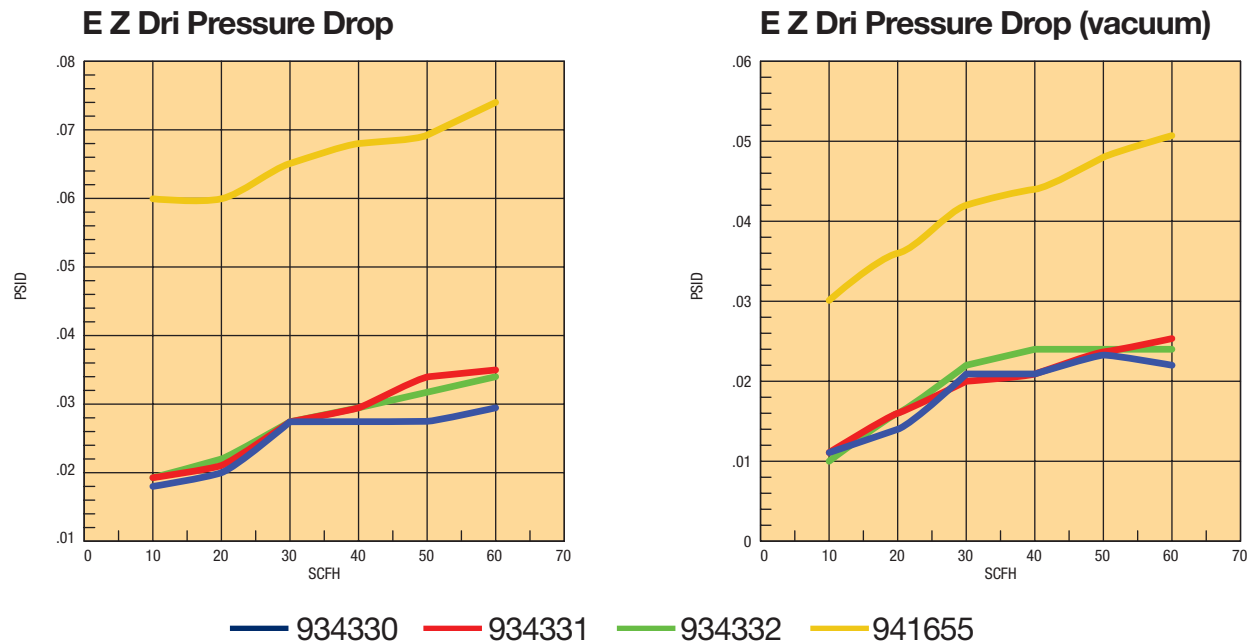


# Reservoir Accessories

## Performance

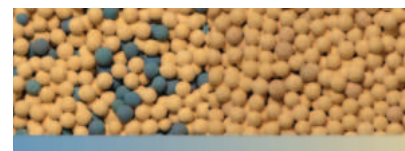
### Air Flow Performance

The curves below show the air flow performance of the E Z Dri breathers. To insure the longest life possible, the initial clean pressure drop should not exceed 1.5 psid (.103 bar).



## Maintenance

E Z Dri breathers are designed for simple installation on most equipment, regardless of mounting connection. Since E Z Dri breathers are disposable, the threaded connection allows for quick and easy maintenance. Several mounting adapters (see page 4) are available to provide the desired mounting. The installation/replacement process consists of three easy steps:



Active

Replace

### Installation

1. Remove breather from plastic bag
2. Remove safety cap from standpipe at the bottom of the breather
3. Mount the breather to the tank or reservoir using the adapter best suited for the application

### Disposal

1. Verify that the breather is fully saturated – \*all blue beads will be beige in color
2. Remove breather from gearbox, tank, reservoir, or other application
3. Remove and save the adapter fitting to be used with a new breather
4. Verify and dispose of breather in accordance with your state and local environmental control regulations

### Recommendations

1. Replace spin on air filter vents, turn down pipes, or vent caps with E Z Dri disposable desiccant breathers for additional protection against contaminants.
2. Inspecting your breather every 6 months.
3. Add breather replacements to plant operations & maintenance schedules

# Reservoir Accessories

## Breathers - Spin-On Type

### Reservoir Breather

#### Sizing

Select the proper size canister for the maximum rate of reservoir draw down or air exchange rate. As a rule of thumb, clean pressure drop should be limited to 0.18 psid (5" H<sub>2</sub>O).

A pipe flange, weld collar, etc. may be used to connect the adapter kit to the reservoir. Make sure that air is not able to leak around the adapter. When mounting on the side of the reservoir, make sure the installation is above the surface of the fluid.

Recommended canister change out is after 500 hours of operation. More frequent replacement may be required when operated in heavily contaminated areas such as grinding operations, primary metal mills, and on mobile equipment. Under such conditions, increase replacement frequency to every 250 hours.

| Model    | Air Rating* | Canister | Adapter Kit |
|----------|-------------|----------|-------------|
| 12AT-03C | 1 micron    | 926543   | 926876      |
| 12AT-10C | 2 micron    | 921999   | 926876      |
| 12AT-25C | 5 micron    | 925023   | 926876      |
| 50AT-03C | 1 micron    | 926541   | 926875      |
| 50AT-10C | 2 micron    | 926169   | 926875      |
| 50AT-25C | 5 micron    | 926170   | 926875      |

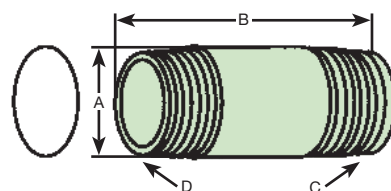
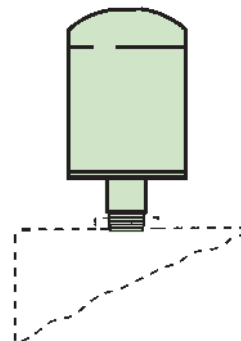
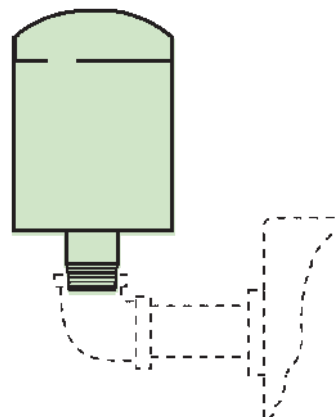
\* 99% Removal efficiency for particles larger than the stated size in air.

Graphs are for 03C canisters only. Total pressure drop across canister, adapter, and pipe may be found by adding pressure drops below:

- + 1.5% for each inch of 12AT adapter or 3/4" pipe used.
- + 3.0% for each 3/4" elbow used.
- + 1.0% for each inch of 50AT adapter or 1-1/4" pipe used.
- + 2.0% for each 1-1/4" elbow used.



Typical Installations mounted on side or top of reservoir



|    | 12AT         | 50AT         |
|----|--------------|--------------|
| PN | 926876       | 926875       |
| A  | 26.70 (1.05) | 42.70 (1.66) |
| B  | 66.80 (2.63) | 85.10 (3.35) |
| C  | 3/4" NPT     | 1-1/4" NPT   |
| D  | 1"-12 UN     | 1-1/2"-16 UN |

Allow 1.25" for canister removal clearance

Linear Measure:  $\frac{\text{millimeter}}{\text{inch}}$

# Reservoir Accessories

## Diffusers

### Specifications

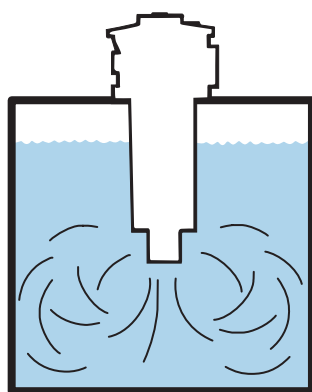
**Operating Temperatures:** 195°F (90°C) maximum

**Materials:** Body & end cap: Zintec  
Head: glass-filled nylon

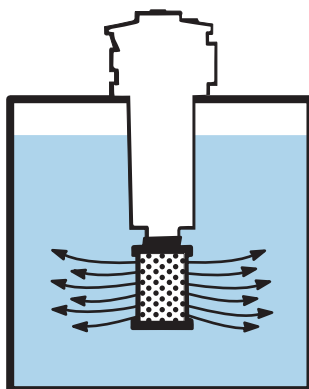
**Weight:** See chart below

### Benefits:

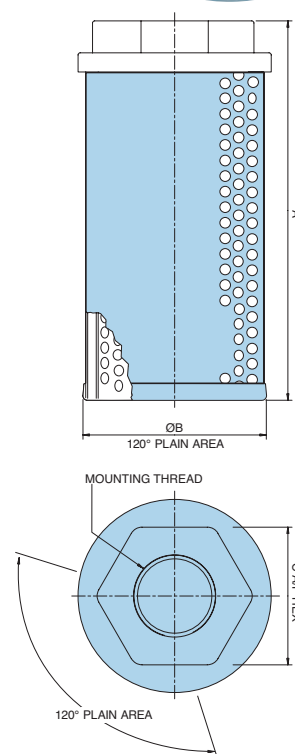
Installing a diffuser in a hydraulic reservoir is a simple change that can make a dramatic difference in system efficiency. With special concentric tubes designed with discharge holes 180° opposed, fluid aeration, foaming and reservoir noise are reduced. Pump life is also extended by reducing cavitation to the pump inlet. The effects of fitting a system with a diffuser are shown below.



Flow without diffuser



Flow with diffuser fitted



| Part Number | Thread (NPT) | Nominal Flow gpm (lpm) | Length A inch (mm) | Diameter B Inch (mm) | HEX C inch (mm) | Weight lbs (kg) |
|-------------|--------------|------------------------|--------------------|----------------------|-----------------|-----------------|
| 2250        | 3/4"         | 13 (50)                | 4.7 (120)          | 2.4 (62)             | 1.81 (46)       | 0.60 (0.27)     |
| 2251        | 1"           | 30 (114)               | 5.0 (127)          | 3.4 (86)             | 2.17 (55)       | 0.93 (0.42)     |
| 2252        | 1 1/2"       | 60 (227)               | 7.0 (178)          | 3.4 (86)             | 2.56 (65)       | 1.23 (0.56)     |
| 2253        | 2"           | 120 (454)              | 9.5 (242)          | 3.4 (86)             | 2.95 (75)       | 1.52 (0.69)     |

# Reservoir Accessories

## Fluid Level/Temperature Gauges

### Specifications

**Materials:**

Lens: Transparent polyamide

Lens base: Nylon 66

Shroud: High impact polystyrene (no aluminum content)

**Seals:** Nitrile

**Maximum Operating Pressure:** 14.7 psi (1 bar)

**Operating Temperatures:** -22°F (-30°C) to 195°F (90°C)

**Thermometer Range:** 90°F to 210°F (30°C to 90°C)

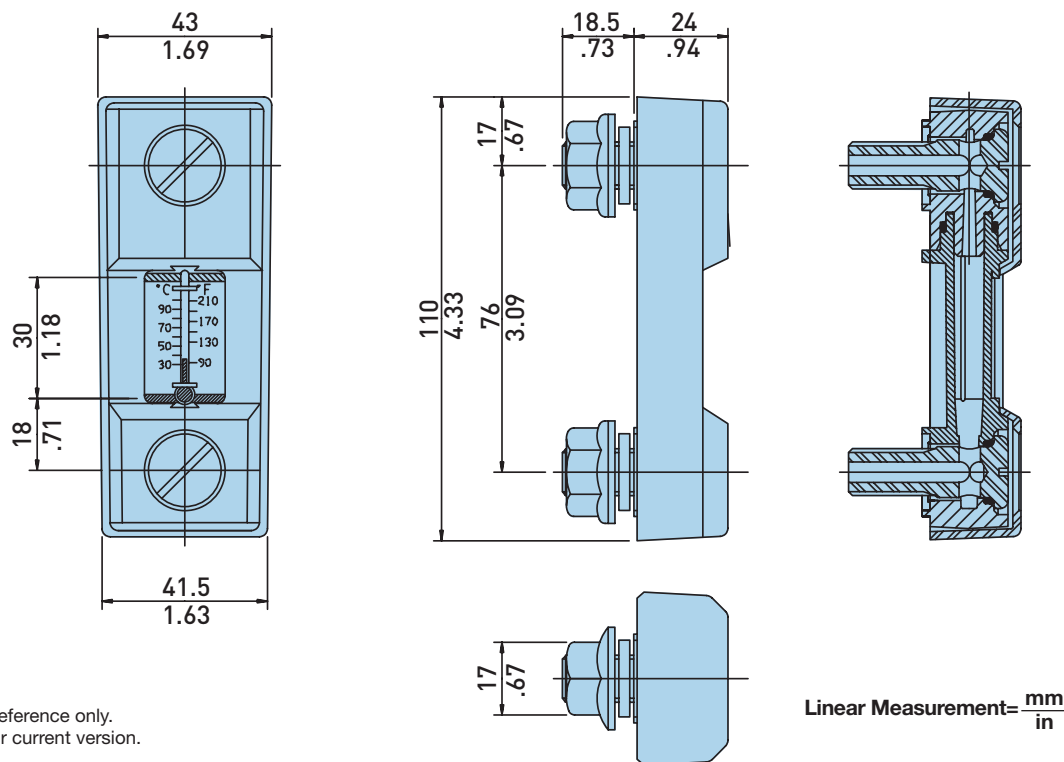
**Indicator:** Blue alcohol

**Fluid Compatibility:** Mineral and petroleum based fluids

**Mounting:** Front or rear fixing, two holes (M10)



### Length 3



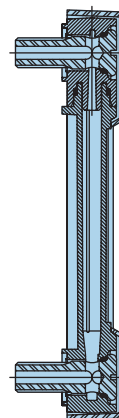
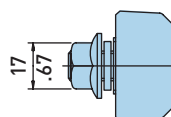
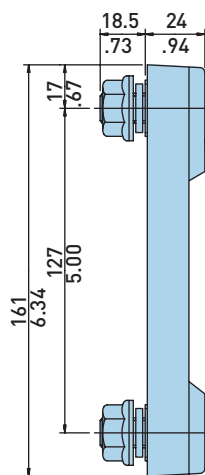
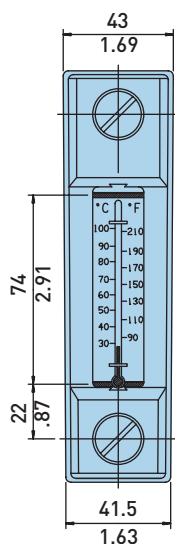
Drawings are for reference only.  
Contact factory for current version.

| Part Number | Thread | Length | Description                 |
|-------------|--------|--------|-----------------------------|
| FL69121     | M10    | 3      | Fluid level and temperature |
| FL69221     | M10    | 5      | Fluid level and temperature |
| FL69321     | M10    | 10     | Fluid level and temperature |

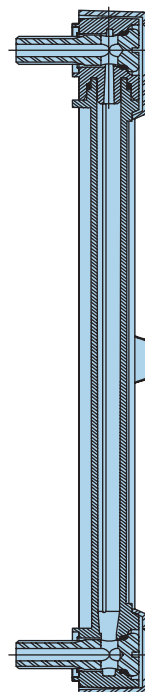
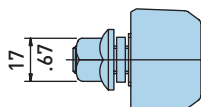
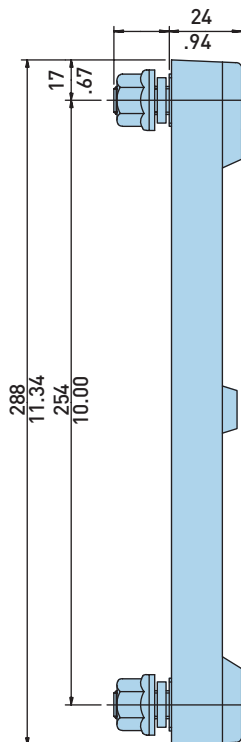
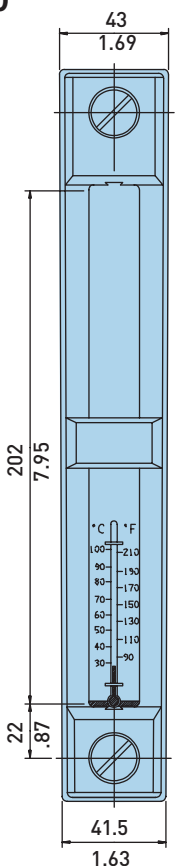
# Reservoir Accessories

## Fluid Level/Temperature Gauges

### Length 5



### Length 10



Linear Measurement=  $\frac{\text{mm}}{\text{in}}$

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



# Reservoir Accessories

## Suction Strainers

### Specifications

#### Materials:

Media: Stainless steel

Tube and endcap: Zintec

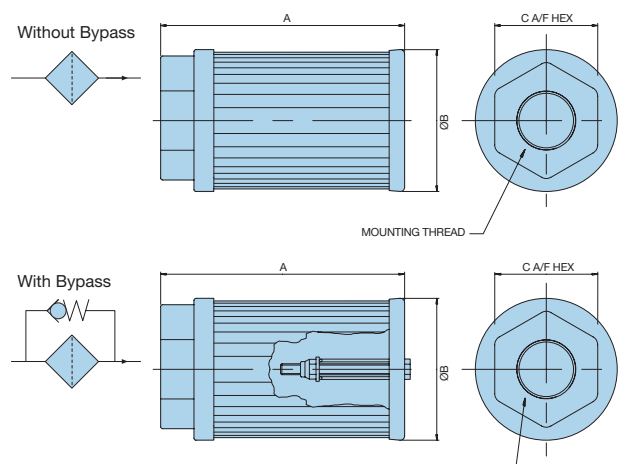
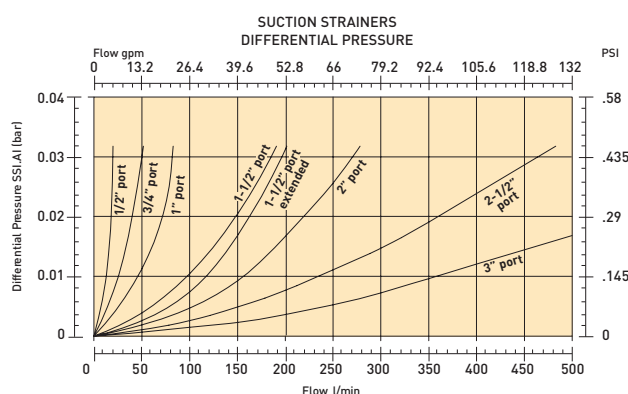
Head: glass filled nylon

**Filtration Element:** 100 mesh (149 micron)

**Operating Temperatures:** 195°F (90°C) maximum

**Bypass:** None, 3 psi (0.2 bar)

**Weight:** See chart below



| Part Number<br>With Bypass | Bypass | Port<br>(NPT) | Nominal Flow<br>GPM (LPM) | Length "A"<br>Inch (mm) | Diameter "B"<br>Inch (mm) | BSPP<br>Fitting |
|----------------------------|--------|---------------|---------------------------|-------------------------|---------------------------|-----------------|
| 937480                     | No     | 1/2"          | 5 (19)                    | 4.125 (104.8)           | 1.90 (48.3)               | No              |
| 937481                     | Yes    | 1/2"          | 5 (19)                    | 4.125 (104.8)           | 1.90 (48.3)               | No              |
| 937482                     | No     | 3/4"          | 8 (30)                    | 3.55 (90.2)             | 2.67 (67.8)               | No              |
| 937483                     | Yes    | 3/4"          | 8 (30)                    | 3.55 (90.2)             | 2.67 (67.8)               | No              |
| 937484                     | No     | 1"            | 10 (38)                   | 5.25 (133.4)            | 2.67 (67.8)               | No              |
| 937485                     | Yes    | 1"            | 10 (38)                   | 5.25 (133.4)            | 2.67 (67.8)               | No              |
| 937488                     | No     | 1-1/2"        | 30 (114)                  | 8.01 (203.5)            | 3.47 (88.4)               | No              |
| 937489                     | Yes    | 1-1/2"        | 30 (114)                  | 8.01 (203.5)            | 3.47 (88.4)               | No              |
| 937490                     | No     | 1-1/2"        | 50 (189)                  | 9.85 (250.2)            | 4.00 (101.6)              | No              |
| 937491                     | Yes    | 1-1/2"        | 50 (189)                  | 9.85 (250.2)            | 4.00 (101.6)              | No              |
| 937492                     | No     | 2"            | 50 (189)                  | 9.85 (250.2)            | 4.00 (101.6)              | No              |
| 937493                     | Yes    | 2"            | 50 (189)                  | 9.85 (250.2)            | 4.00 (101.6)              | No              |
| 937494                     | No     | 2-1/2"        | 75 (284)                  | 10.10 (256.5)           | 5.17 (131.3)              | No              |
| 937495                     | Yes    | 2-1/2"        | 75 (284)                  | 10.10 (256.5)           | 5.17 (131.3)              | No              |
| 937496                     | No     | 3"            | 100 (378)                 | 11.50 (292.1)           | 5.17 (131.3)              | No              |
| 937497                     | Yes    | 3"            | 100 (378)                 | 11.50 (292.1)           | 5.17 (131.3)              | No              |

# Reservoir Accessories

## Magnetic Suction Strainers

### Magnetic Suction Strainers

#### Dual protection, without cavitation!

Parker's new magnetic suction strainers offer dual protection to the pump inlet without risk of cavitation.

Powerful ceramic magnets located parallel to the pleated mesh attract and protect against damaging ferrous particles of all sizes.

The pleated stainless steel screen provides additional filtration protection for larger particles that would result in catastrophic failure.

The generous open area of the stainless steel pleated mesh screen eliminates the possibility of pump cavitation.

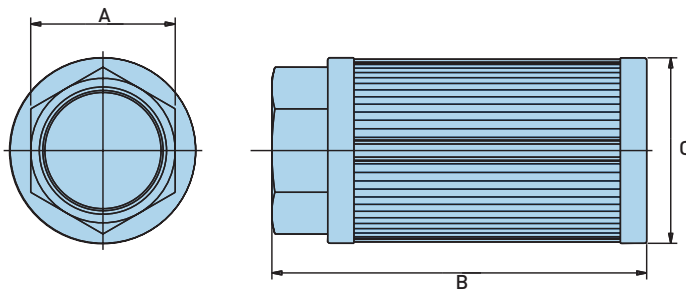
#### Ordering Information

The information below shows the part numbers, specifications and dimensions of available suction strainers, to help you meet the needs of your specific application.

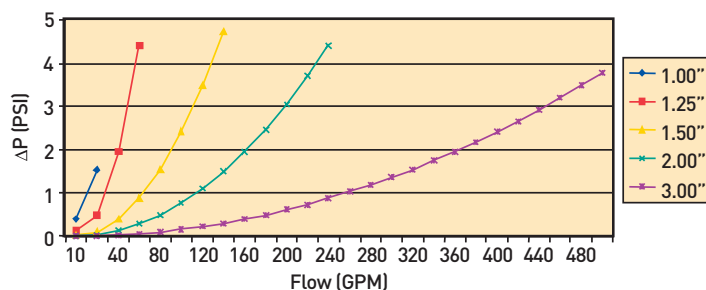
NOTE: All sizes are standard with 30 mesh screen (560 micron).

| Part Number | NPT Connection | Flow GPM (LPM) | Dimensions    |               |               | Approx. Shipping Weight lbs. (kg) |
|-------------|----------------|----------------|---------------|---------------|---------------|-----------------------------------|
|             |                |                | A inches (mm) | B inches (mm) | C inches (mm) |                                   |
| 936547      | 1.00"          | 15 (55)        | 1.88 (47.75)  | 5.19 (131.83) | 3.09 (78.49)  | 1.59 (0.72)                       |
| 936548      | 1.25"          | 25 (95)        | 2.38 (60.45)  | 7.39 (187.71) | 3.53 (89.66)  | 3.16 (1.43)                       |
| 936549      | 1.50"          | 35 (135)       | 2.38 (60.45)  | 7.39 (187.71) | 3.53 (89.66)  | 2.88 (1.31)                       |
| 936550      | 2.00"          | 50 (190)       | 2.75 (69.85)  | 7.39 (187.71) | 3.53 (89.66)  | 2.22 (1.01)                       |
| 936551      | 3.00"          | 100 (380)      | *             | 9.35 (237.49) | 4.47 (113.54) | 3.91 (1.77)                       |

\*Part number 936551 features a 3" half coupling, not a hex nut.



Flow Vs. Pressure Loss



Parker's magnetic suction strainers are available in sizes ranging from one to three inches.



The rugged steel construction, combined with the generous filtration area, ensures reliable performance for suction applications.