


## **Air Preparation Units, Filter, Regulator & Filter Regulator Models SH & SC** (Up to and including 145 psi / 10 bar operating pressure)



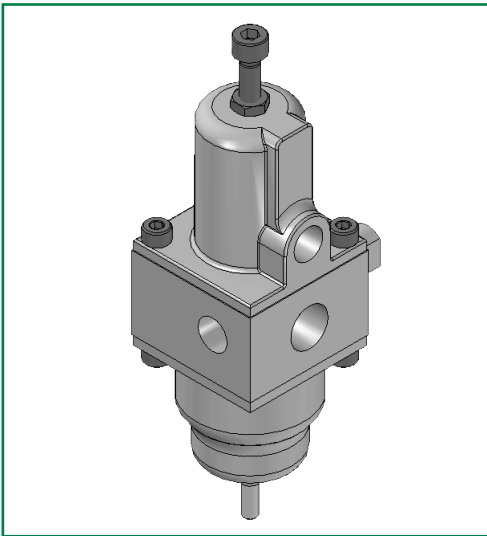
### **Superior Performance Throughout the Full Operational Range**

- Compact Design
- High stability
- Up to 145 psi / 10 bar Working Pressure
- Arctic Service Options to -60°C
- Valve Body 316L Stainless Steel
- ATEX  $\text{CE II 2 GD EAC}$  
- NACE MR-01-75 Internal Wetted and Body Materials (Option)
- High Flow - up to 11.2 Cv



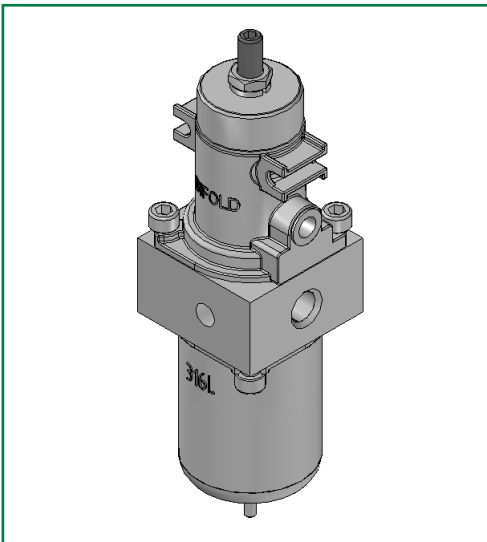
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Features & Benefits



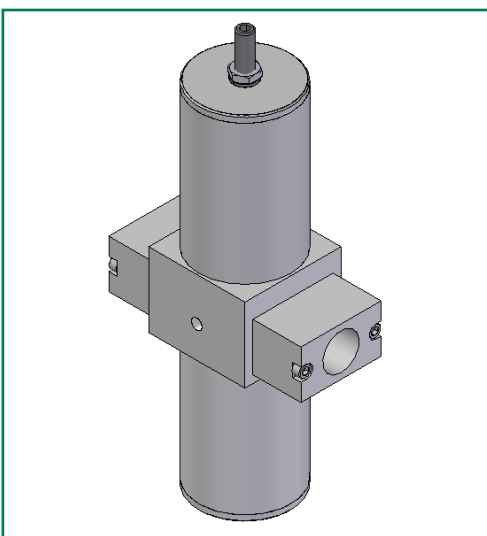
**Standard Valve  
Equipment Design & Build**

- Manufactured from 316L grade stainless steel as standard. The valves are suited for offshore and other corrosive atmospheres. Materials can be supplied compliant to NACE MR-01-75 rendering the valves suitable for sour gas media. Low temperature elastomer seals are available for low temperature arctic service applications.
- High stability precision adjustment.
- Modular design for inline maintenance.



**Compact Air Preparation Unit**

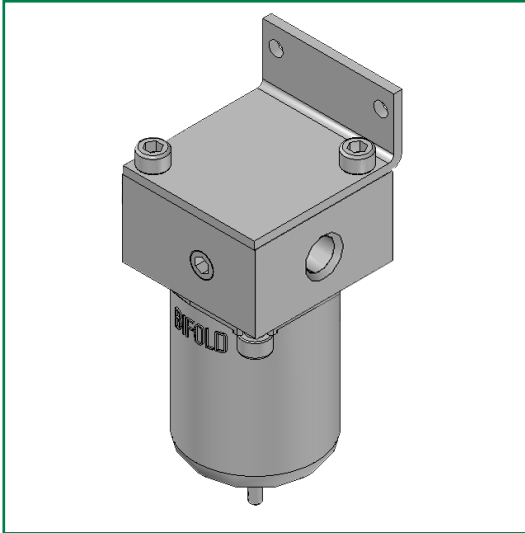
- Our compact SC unit is designed for applications that require high capacity and accurate process control in a small package. A poppet valve which is balanced by utilizing a convoluted diaphragm, insures a constant output pressure even during wide supply pressure variations. Stability of regulated pressure is maintained under varying flow conditions adjusting the air supply in accordance with the flow velocity.



**Air Preparation Unit  
High Flow**

- Our compact SH unit designed for applications that require high flow capacity and accurate process control. A poppet valve which is balanced by utilizing a rolling diaphragm, insures a constant output pressure even during wide supply pressure variations.
- Diaphragm design for good repeatability, response and sensitivity.
- Balanced poppet.
- Accurately maintained output pressure under high flow conditions.
- Precise regulation will sense a decrease in downstream pressure.
- High flow capacity attainable with minimal drop out.

Features & Benefits



**Standard Valve  
Equipment Design & Build**

**Regulator Precision**

- Pressure balanced supply valve prevents supply pressure changes from affecting the set point.
- Separate control chamber isolates the diaphragm from the main flow to eliminate hunting and buzzing.

**Filter Regulator Precision**

- Non-bleed design to reduce consumption.
- A Gauge Port provides convenient pressure gauge mounting.
- The Filter Dripwell contains a Drain Plug to easily drain trapped liquids.
- Standard Tapped Exhaust.

**Safety and Environmental Benefits**

- Bifold has state of the art product qualification and production equipment including flow (Cv), environment (-60°C to +180°C), function and leakage testing, and data Logging.
- Tolerant to moist air in control lines.
- Products are manufactured, inspected, assembled and tested in our state of the art production facilities.

State of the Art Testing



**Accuracy of information**

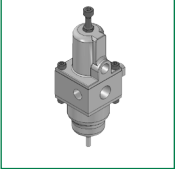
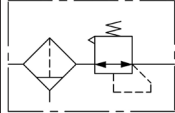
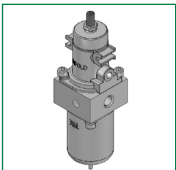
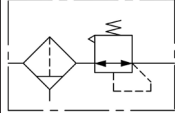
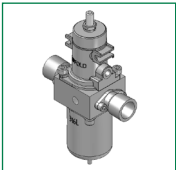
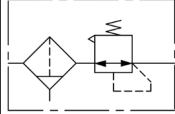
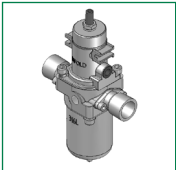
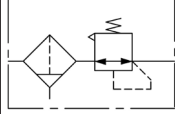
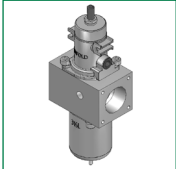
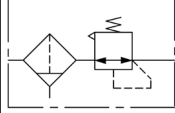
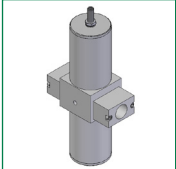
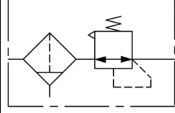
We take care to ensure that product information in this catalogue is reasonably accurate and up-to-date. However, our products are continually developed and updated so to ensure accurate and up-to-date information please refer to the product catalogue issue list on our web site or contact a member of our sales team.

When selecting a product, the applicable operating system design must be considered to ensure safe use. The products function, material compatibility, adequate ratings, correct installation, operation and maintenance are the responsibilities of the system designer and user.

**Quality Assurance**

All Bifold products are manufactured to a most stringent QA programme to ensure that every product will give optimum performance and reliability. We are third party certified to BS EN ISO 9001:2008. Functional test certificates, letter of conformity and copies of original mill certificates, providing total traceability are available on request, to BS EN 10204 3.1 where available. We reserve the right to make changes to the specifications and design, etc., without prior notice.

Preferred Range

SC & SH - COMPACT / AIR PREPARATION UNIT - PREFERRED RANGE				
Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SC</b> Compact Air Preparation Unit Manual Drain</p>		10	<b>SC06-20-FR-SR-MD-10-V-X3</b>	1/4" NPT Ports, Filter Regulator, Self Relieving, Manual Drain Unit. ATEX II 2 GD Ex c b IIC T6 Cv 0.7, 145 psi / 10 bar, 20 - 30 Micron Filter Element.
 <p><b>SH</b> Air Preparation Unit Manual Drain</p>		11	<b>SH06-FR-SR-MD-10-X3</b>	1/4" NPT Ports, Self Relieving, Manual Drain Unit. ATEX II 2 GD Ex c b IIC T6 Cv 1.7, 145 psi / 10 bar, 20 - 30 Micron Filter Element.
 <p><b>SH</b> Air Preparation Unit Manual Drain</p>		11	<b>SH12-FR-SR-MD-10-X3</b>	1/2" NPT Ports, Self Relieving, Manual Drain Unit. ATEX II 2 GD Ex c b IIC T6 Cv 2.6, 145 psi / 10 bar, 20 - 30 Micron Filter Element.
 <p><b>SH</b> Air Preparation Unit Manual Drain</p>		11	<b>SH12-FR-SR-MD-10-X3-02</b>	1/2" NPT Ports, Self Relieving, Manual Drain, High Flow Unit. ATEX II GD Ex c b IIC T6 Cv 4.5, 145 psi / 10 bar, 20 - 30 Micron Filter Element.
 <p><b>SH</b> Air Preparation Unit Manual Drain</p>		11	<b>SH25L-FR-SR-MD-10-X3-02</b>	1" NPT Ports, Self Relieving, Manual Drain. ATEX II 2 GD Ex c b IIC T6 Cv 4.5, 145 psi / 10 bar, 20 - 30 Micron Filter Element.
 <p><b>SH</b> Air Preparation Unit Manual Drain</p>		11	<b>SH25-FR-SR-MD-10-X4</b>	1" NPT Ports, Self Relieving, Manual Drain, High Flow Unit. ATEX II 2 GD Ex c b IIC T6 Cv 11.2, 145 psi / 10 bar, 40 - 50 Micron Filter Element.

**Accuracy of information**

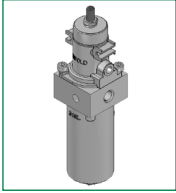
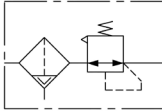

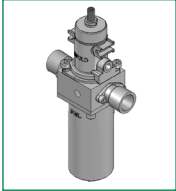
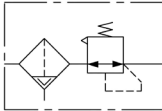

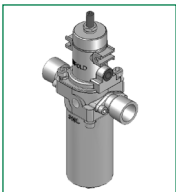
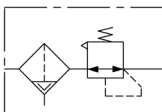

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SH - AIR PREPARATION UNIT - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SH</b> Air Preparation Unit Auto Drain</p>		II	<b>SH06-FR-SR-AD-10-X3</b>	<p>1/4" NPT Ports, Self Relieving, Auto Drain Unit.</p> <p>                      ATEX Ex II 2 GD Ex c b IIC T6                      Cv 1.7, 145 psi / 10 bar, 20 - 30 Micron Filter Element.                 </p>
 <p><b>SH</b> Air Preparation Unit Auto Drain</p>		II	<b>SH12-FR-SR-AD-10-X3</b>	<p>1/2" NPT Ports, Self Relieving, Auto Drain Unit.</p> <p>                      ATEX Ex II 2 GD Ex c b IIC T6                      Cv 2.6, 145 psi / 10 bar, 20 - 30 Micron Filter Element.                 </p>
 <p><b>SH</b> Air Preparation Unit Auto Drain</p>		II	<b>SH12-FR-SR-AD-10-X3-02</b>	<p>1/2" NPT Ports, Self Relieving, Auto Drain, High Flow Unit.</p> <p>                      ATEX Ex II 2 GD Ex c b IIC T6                      Cv 4.5, 145 psi / 10 bar, 20 - 30 Micron Filter Element.                 </p>

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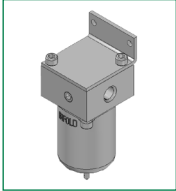
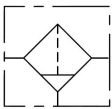


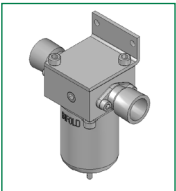
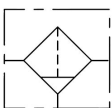


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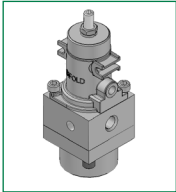
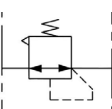


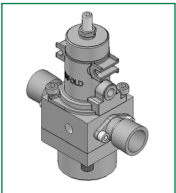
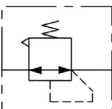




## SH - AIR PREPARATION UNIT - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SH</b> Air Preparation Unit Filter Manual Drain</p>		II	<b>SH06-FI-MD-X3</b>	<p>1/4" NPT Ports, Filter, Manual Drain Unit.</p> <p>  ATEX  II 2 GD Ex c b IIC T6            Cv 1.7, 145 psi / 10 bar, 20 - 30 Micron            Filter Element.         </p>
 <p><b>SH</b> Air Preparation Unit Filter Manual Drain</p>		II	<b>SH12-FI-MD-X3</b>	<p>1/2" NPT Ports, Self Relieving, Manual Drain Unit.</p> <p>  ATEX  II 2 GD Ex c b IIC T6            Cv 2.6, 145 psi / 10 bar, 20 - 30 Micron            Filter Element.         </p>

## Preferred Range

## SH - AIR PREPARATION UNIT - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SH</b> Air Preparation Unit Regulator Self Relieving</p>		II	<b>SH06-RI-SR-10</b>	<p>1/4" NPT Ports, Regulator, Self Relieving Unit.</p> <p>  ATEX  II 2 GD Ex c b IIC T6            Cv 1.7, 145 psi / 10 bar.         </p>
 <p><b>SH</b> Air Preparation Unit Regulator Self Relieving</p>		II	<b>SH12-RI-SR-10</b>	<p>1/2" NPT Ports, Regulator, Self Relieving Unit.</p> <p>  ATEX  II 2 GD Ex c b IIC T6            Cv 2.6, 145 psi / 10 bar.         </p>

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## SC Overview



## Product Options

## Materials of Construction

Body:	316L stainless steel as standard.
Bonnet & Bowl:	316L stainless steel as standard.
Element:	Sintered 316L stainless steel.
Springs:	302S26 stainless steel to BS 2056 (or Inconel).
Regulating Spring:	316L stainless steel.
Ports:	1/4" thread milled NPT (BSPP options available).
Seals:	Viton as standard. Alternative elastomers available for extreme conditions.
Diaphragm:	Silicone.
Fasteners:	18/10 stainless steel.
Adjustment Mechanism:	M8 socket set screw.

Internal wetted and body materials can be supplied compliant to NACE MR-01-75. For more information please contact Bifold.

## Flow Performance

145 psi / 10 bar inlet pressure, 87 psi / 6 bar secondary pressure with 14 psi / 1 bar pressure drop using X4 (40 - 50 micron element).

- 1/4" - Cv 0.7 - 25.9 SCFM.
- 3/8" - Cv 0.75 - 27.8 SCFM.
- 1/2" - Cv 0.75 - 27.8 SCFM.

## Operating Media

- Air.
- Natural Gas
- Inert Gas.
- Sweet or Sour Gases.

## Relief Port

- Threaded 1/8" NPT vent with removable plastic ingress protection cap.
- For gas service, plastic ingress protection cap can be removed to enable vented gas to be piped away.
- Typical bleed flow at 29 psi / 2 bar secondary pressure 1.5cm<sup>3</sup>/sec.
- Relief differential 2 psi / 0.15 bar at 29 psi / 2 bar secondary pressure (relieving type only).

## Ports

Service ports: 1/4" NPT (BSPP options available).

## Gauges

- Dry: 40mm with psi, bar or dual psi / bar dial.
- Glycerine Filled: 40mm with psi, bar or dual psi / bar dial polycarbonate window and blow-out device.
- Other options available, please see page 17.

## Certification

ATEX II 2 GD Ex c b IIC T6

Conforms to European Directive 94/9/EC (ATEX) relating to non-electrical equipment intended for use in potentially explosive atmospheres.

Bifold SC units must be installed, operated and maintained in accordance with the relevant Bifold installation, operating and maintenance instructions, relevant installation rules, regulations and codes of practice.

For more information, please contact Bifold sales department.

## Temperature Rating

- V Viton (Standard) (-20°C to +180°C).
- AL Fluorosilicone (-60°C to +100°C).

## Bowl Retention Capacity

25cc (Manual Drain).

## Maximum Inlet Pressure

290 psi / 20 bar (Manual Drain)

## Filter Unit

5, 20 - 30 & 40 - 50 (Standard) Micron.

## Regulated Pressures

- 2.9 - 87 psi / 0.20 to 6 bar.
- 5.8 - 145 psi / 0.40 to 10 bar.

## Water Ingress Rating

Ingress protection - Designed to meet heavy seas / on deck rating.

## Seal Repair Kits

Please add the prefix SRK on the models required leaving offport sizes (only require model number up to element reference).  
e.g. SRKSC-FR-SR-MD-10-X4.



## SH Overview



## Product Options

### Materials of Construction

Body:	316L stainless steel as standard.
Bonnet & Bowl:	316L stainless steel as standard.
Element:	Sintered 316L stainless steel.
Springs:	302S26 stainless steel to BS 2056 (or Inconel).
Regulating Spring:	Inconel X750 AMS5699.
Ports:	1/4", 3/8", 1/2", 3/4" & 1" thread milled NPT (BSPP other options available)
Seals:	Viton as standard. Alternative elastomers available for extreme conditions.
Diaphragm:	Silicone.
Fasteners:	18/10 stainless steel.
Adjustment Mechanism:	M8 socket set screw.
Mounting mechanism:	Panel, pillar or bracket.

Internal wetted and body materials can be supplied compliant to NACE MR-01-75. Standard on selected products, for more information please contact Bifold.

### Flow Performance

145 psi / 10 bar inlet pressure, 87 psi / 6 bar secondary pressure with 14 psi / 1 bar pressure drop using X4 (40 - 50 micron element).

1/4" - Cv 1.0 - 36 SCFM.

1/2" - Cv 2.6 - 94 SCFM.

1/2" - Cv 4.5 - 168 SCFM (High Flow).

1" - Cv 4.5 - 429 SCFM (Low Flow).

1" - Cv 11.2 - 429 SCFM.

### Temperature Rating

<b>SH</b>	Viton	(-20°C to +180°C).
<b>ASH</b>	Fluorosilicone	(-60°C to +100°C).

### Bowl Retention Capacity

25cc (Manual Drain) & 50cc (Auto Drain).

### Maximum Inlet Pressure

232 psi / 16 bar (Auto Drain).  
290 - 580 psi / 20 or 40 bar (Manual Drain).

### Operating Media

- Air.
- Natural Gas.
- Inert Gas.
- Sweet or Sour Gases.

### Relief Port

- Threaded 1/8" NPT vent with removable plastic ingress protection cap.
- For gas service, plastic ingress protection cap can be removed to enable vented gas to be piped away.
- Typical bleed flow at 29 psi / 2 bar secondary pressure 1.5cm<sup>3</sup>/sec.
- Relief differential 2 psi / 0.15 bar at 29 psi / 2 bar secondary pressure (relieving type only).

### Filter Unit

5, 20 - 30 & 40 - 50 (Standard) Micron.

### Regulated Pressures

0.4 - 29 psi / 0.03 to 2 bar.  
0.4 - 58 psi / 0.03 to 4 bar.  
2.9 - 87 psi / 0.20 to 6 bar.  
3.6 - 116 psi / 0.25 to 8 bar.  
5.8 - 145 psi / 0.40 to 10 bar.

### Ports

Service ports: 1/4", 3/8", 1/2", 3/4" & 1" NPT (BSPP options available).  
Gauge ports: 1/8" NPT standard (1/4" NPT & BSPP options available).

### Water Ingress Rating

Ingress protection - Designed to meet heavy seas / on deck rating.

### Gauges

Dry: 50mm with psi, bar or dual psi / bar dial.  
Glycerine Filled: 50mm with psi, bar or dual psi / bar dial polycarbonate window and blow-out device.  
Other options available, please see page 17.

### Seal Repair Kits

Please add the prefix SRK on the models required leaving off port sizes (only require model number up to element reference).  
e.g. SRKSH-FR-SR-MD-10-X4.

### Certification

ATEX II 2 GD Ex c b IIC T6 EAC

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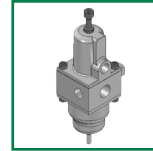
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For more information, please contact Bifold sales department.

# SC - Compact Air Preparation Unit Range Selection Chart

**SC**

For a dimensional drawing of the SC unit, please see page 12.



**Bifold**®

## SC Selection Chart - Ordering Example

<b>SC</b>	Standard Service	Model Code	
<b>06</b>	1/4" NPT (Stainless Steel)	Ports	
<b>09</b>	3/8" NPT (Stainless Steel)		
<b>12</b>	1/2" NPT (Stainless Steel)		
<b>20</b>	290 psi / 20 bar	Inlet Pressure	
<b>FR</b>	Filter Regulator	Model Type	
<b>RI</b>	Regulator		
<b>SR</b>	Self Relieving	Self / Non Relieving	
<b>NR</b>	Non Relieving		
<b>MD</b>	Manual Drain (Not Applicable to Regulators)	Drain Option	
	<b>Nominal</b>	<b>Actual</b>	Output Regulated Pressures
<b>06</b>	87 psi / 6 bar	2.9 - 87 psi / 0.20 to 6 bar	
<b>10</b>	145 psi / 10 bar	5.8 - 145 psi / 0.40 to 10 bar	
<b>V</b>	Viton (Standard) (-20°C to +180°C)	O-Ring Material	
<b>AL</b>	Fluorosilicone (-60°C to +100°C)		
<b>X1</b>	5 Micron Element	Filter Element	
<b>X3</b>	20 - 30 Micron Element		
<b>X4</b>	40 - 50 Micron Element (Standard)		
<b>NO LETTER</b>	NPT Ports (Standard)	Port Option	
<b>K6</b>	BSP Ports		
<b>NO LETTER</b>	Allen Key Adjustment (Standard)	Adjustment Option	
<b>K10</b>	Black Plastic Button Adjustment		
<b>NO LETTER</b>	Regular Drain Screw (Standard)	Drain Screw Option	
<b>L116</b>	Knurled Drain Screw		
<b>H2S</b>	NACE MR-01-75 compliant internal wetted and body materials	NACE Option	

**SC 06 - 20 - FR - SR - MD - 10 - V - X4 - K6 - K10 - L116-H2S** Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

**10** [bifold.co.uk](http://bifold.co.uk)

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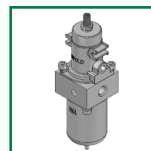
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## SH

For the dimensional drawings of the SH units, please see pages 12 - 16.



### SH Selection Chart - Ordering Example

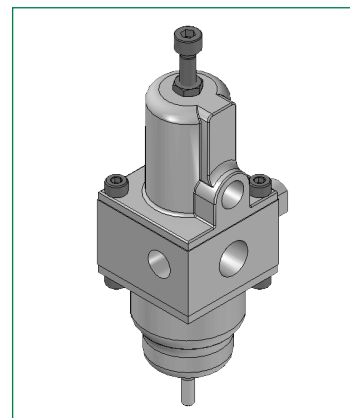
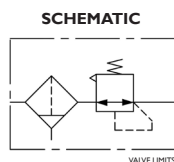
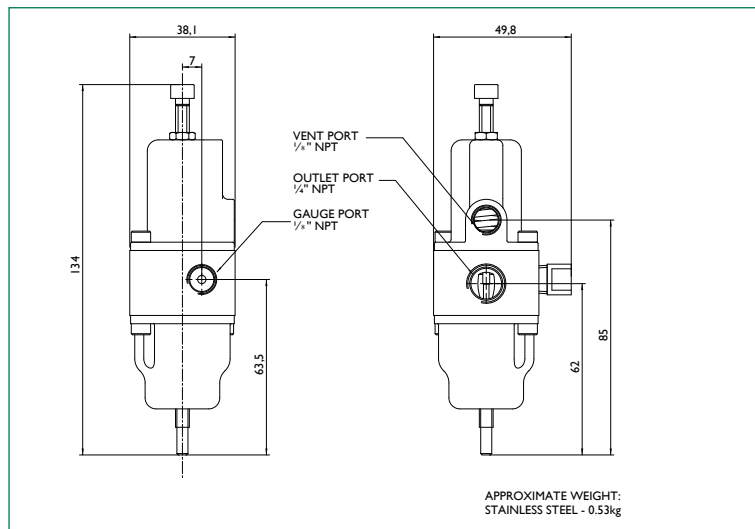
<b>SH</b>	Standard service (-20°C to +180°C)	Model Code	
<b>S40H</b>	580 psi / 40 bar inlet (Only available with 1/4" NPT and Manual Drain)		
<b>ASH</b>	Arctic service (-60°C to +100°C)		
<b>06</b>	1/4" NPT (Stainless Steel)	Ports	
<b>09</b>	3/8" NPT (Stainless Steel)		
<b>12</b>	1/2" NPT (Stainless Steel)		
<b>19L</b>	3/4" NPT Low Flow (Stainless Steel)		
<b>25L</b>	1" NPT Low Flow (Stainless Steel)		
<b>19</b>	3/4" NPT (Only available with 145 psi / 10 bar regulated pressure & X1 & X4 micron elements)		
<b>25</b>	1" NPT (Only available with 145 psi / 10 bar regulated pressure & X1 & X4 micron elements)		
<b>RI</b>	Regulator	Model Type	
<b>FI</b>	Filter		
<b>FR</b>	Filter Regulator		
<b>SR</b>	Self Relieving	Self / Non Relieving	
<b>NR</b>	Non Relieving (Not Applicable to Filters)		
<b>MD</b>	Manual Drain	Drain Option	
<b>AD</b>	Auto Drain (Not Applicable to Regulators)		
	<b>Nominal</b>	<b>Actual</b>	Output Regulated Pressures
<b>02</b>	29 psi / 2 bar	0.4 - 29 psi / 0.03 to 2 bar	
<b>04</b>	58 psi / 4 bar	0.4 - 58 psi / 0.03 to 4 bar	
<b>06</b>	87 psi / 6 bar (Not Applicable to Filters)	2.9 - 87 psi / 0.20 to 6 bar	
<b>08</b>	116 psi / 8 bar	3.6 - 116 psi / 0.25 to 8 bar	
<b>10</b>	145 psi / 10 bar	5.8 - 145 psi / 0.40 to 10 bar	
<b>X1</b>	5 Micron Element	Filter Element	
<b>X3</b>	20 - 30 Micron Element (Not Applicable to Regulators)		
<b>X4</b>	40 - 50 Micron Element (Standard)		
<b>NO LETTER</b>	NPT Ports (Standard)	Port Option	
<b>K6</b>	BSP Ports		
<b>NO LETTER</b>	1/8" Gauge Port (Standard)	Gauge Options	
<b>K39</b>	1/4" Gauge Ports		
<b>K84</b>	Plugged for 1/8" Gauge Port		
<b>K94</b>	Plugged for 1/4" Gauge Port		
<b>NO LETTER</b>	Allen Key Adjustment (Standard)	Adjustment Option	
<b>K10</b>	Black Plastic Button Adjustment		
<b>NO LETTER</b>	Regular Drain Screw (Standard)	Drain Screw Option	
<b>L116</b>	Knurled Drain Screw		
<b>NO LETTER</b>	(Standard)	High Flow Option	
<b>02</b>	High Flow		
<b>H2S</b>	NACE MR-01-75 compliant internal wetted and body materials	NACE Option	

**SH 06 - FR - SR - MD - 10 - X3 - K6 - K39-K10-L116-02-H2S** Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

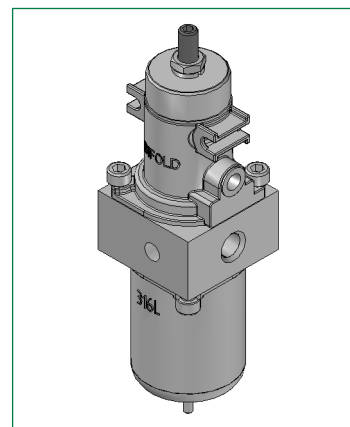
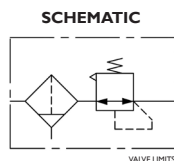
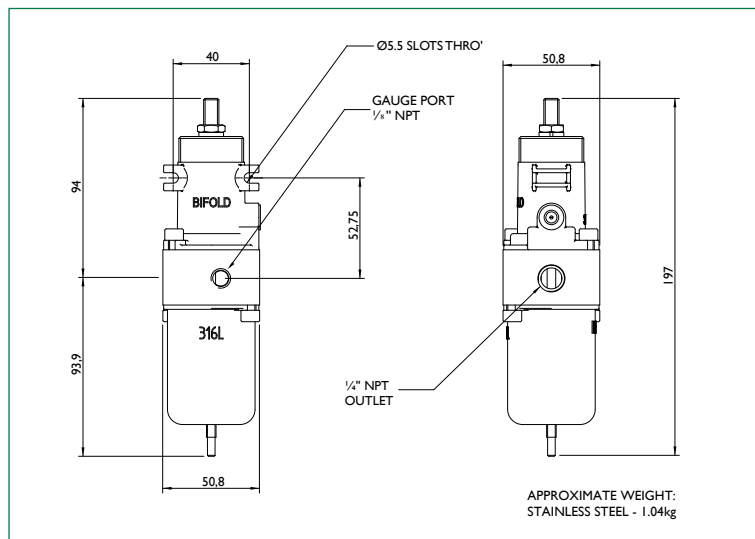
Dimensional Drawings

Example Code - SC06-20-FR-SR-MD-10-X4



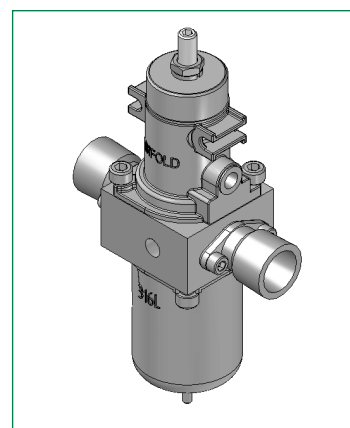
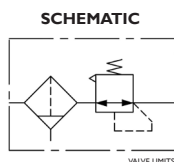
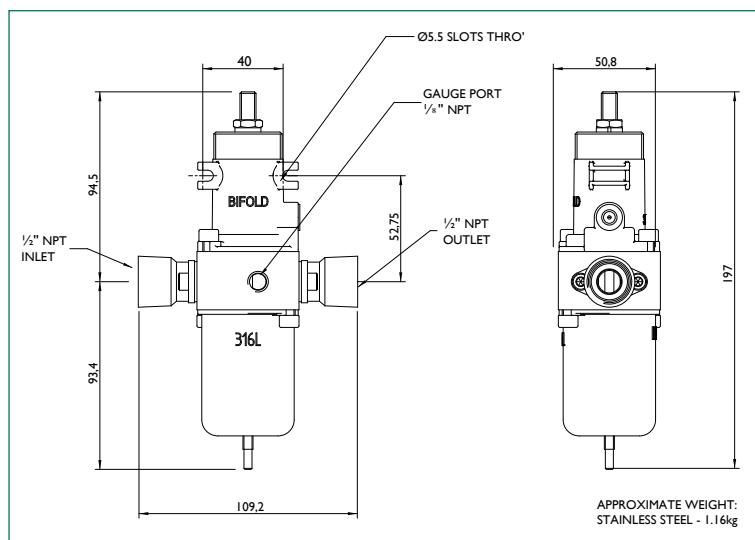
**SC**  
Compact Air Preparation Unit  
Manual Drain

Example Code - SH06-FR-SR-MD-10-X3



**SH**  
Air Preparation Unit  
Manual Drain

Example Code - SH12-FR-SR-MD-10-X3



**SH**  
Air Preparation Unit  
Manual Drain

All dimensions in mm

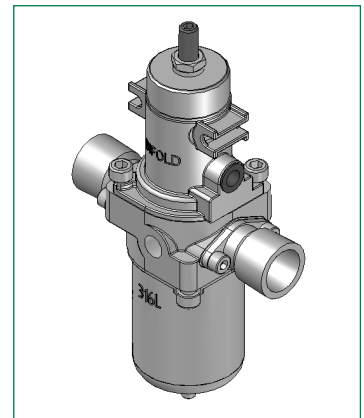
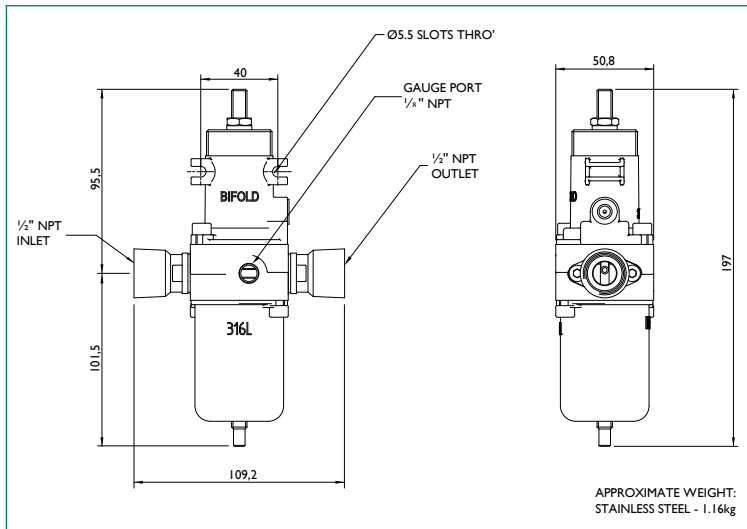
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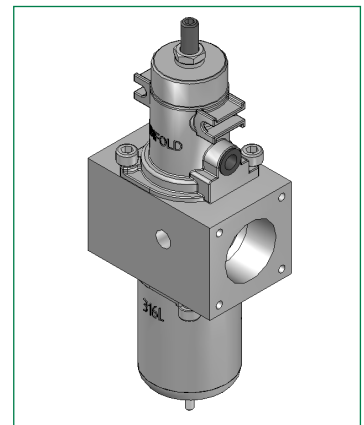
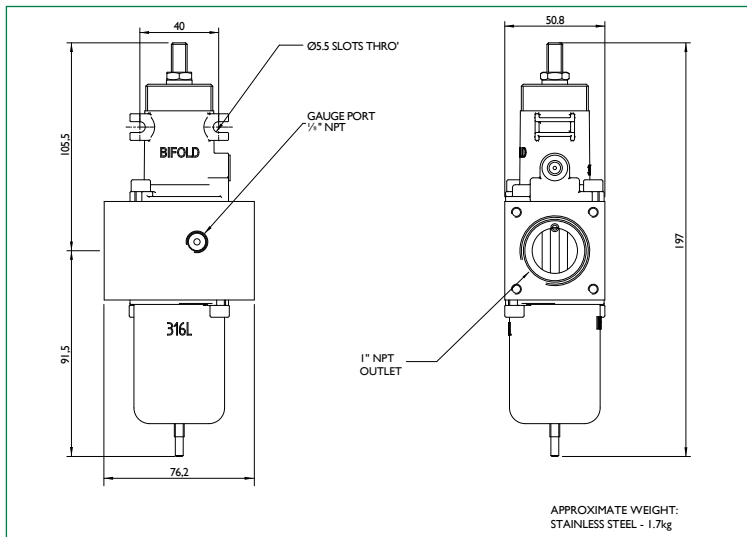
Dimensional Drawings

Example Code - SH12-FR-SR-MD-10-X3-02



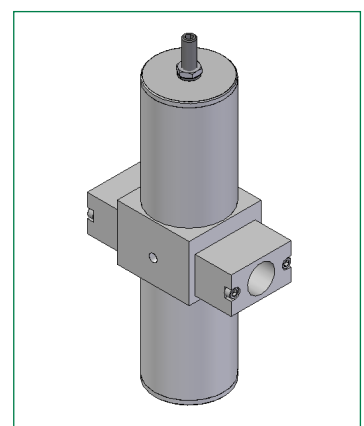
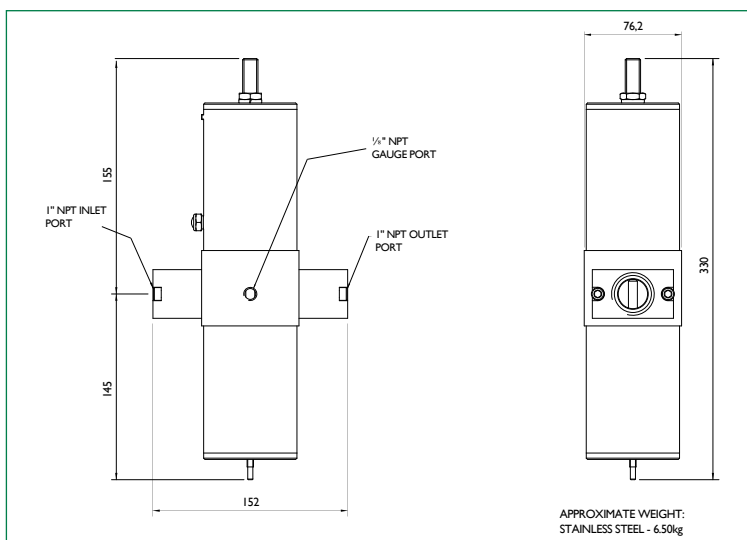
**SH**  
Air Preparation Unit  
Manual Drain

Example Code - SH25L-FR-SR-MD-10-X3-02



**SH**  
Air Preparation Unit  
Manual Drain

Example Code - SH25-FR-SR-MD-10-X4-02



**SH**  
Air Preparation Unit  
Manual Drain

All dimensions in mm

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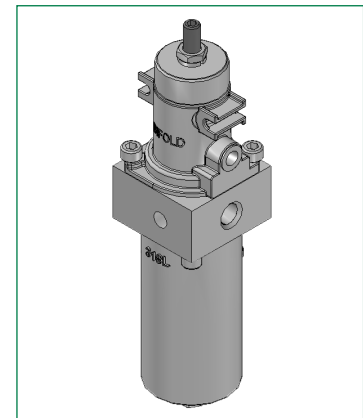
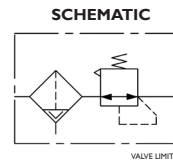
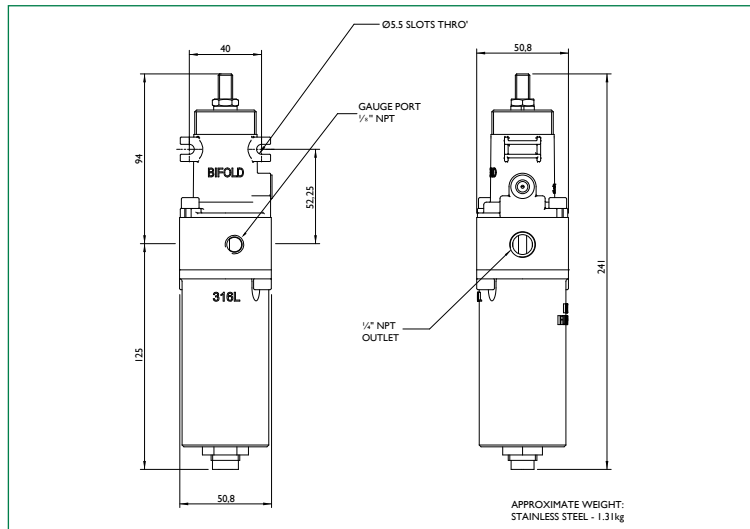
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## Dimensional Drawings

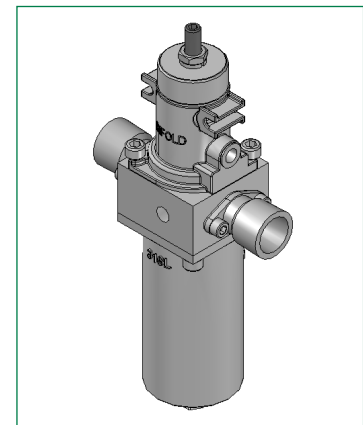
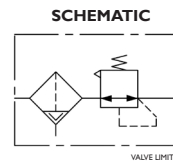
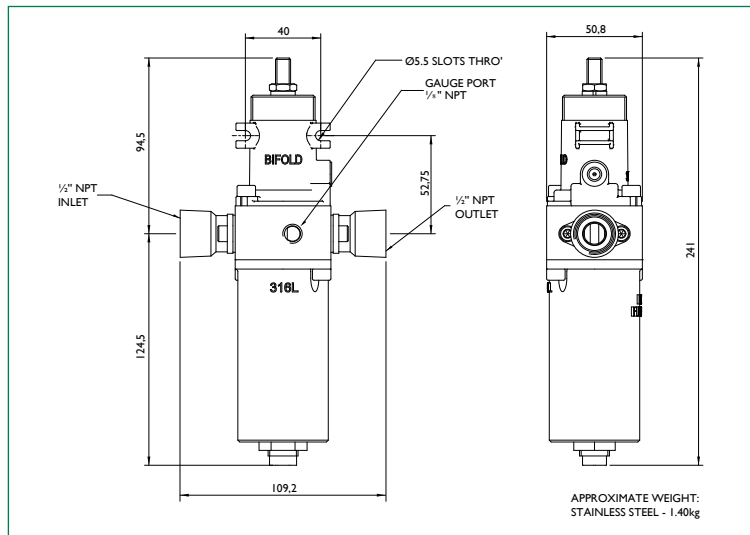


### Example Code - SH06-FR-SR-AD-10-X3



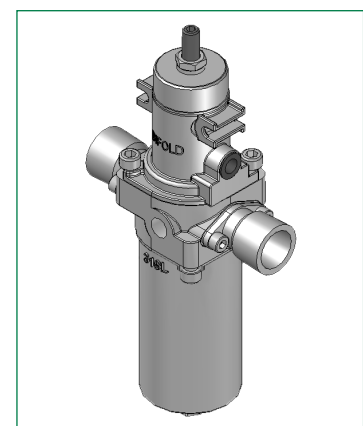
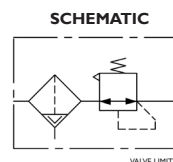
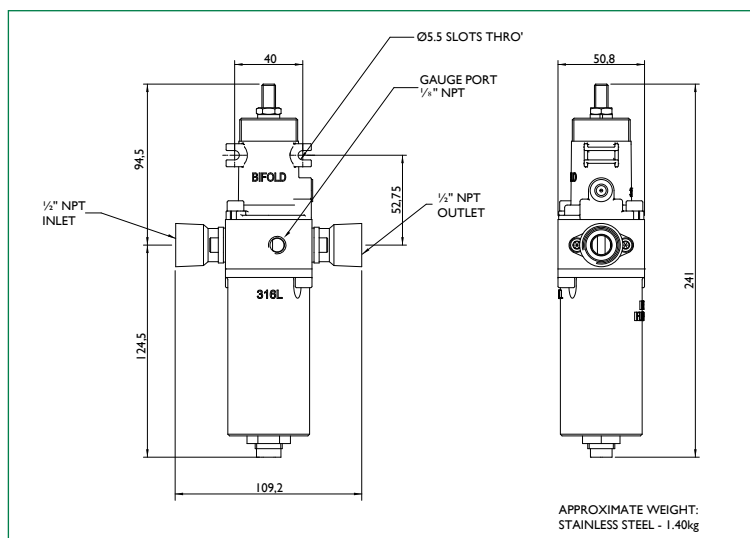
**SH**  
Air Preparation Unit  
Auto Drain

### Example Code - SH12-FR-SR-AD-10-X3



**SH**  
Air Preparation Unit  
Auto Drain

### Example Code - SH12-FR-SR-AD-10-X3-02



**SH**  
Air Preparation Unit  
Auto Drain

All dimensions in mm

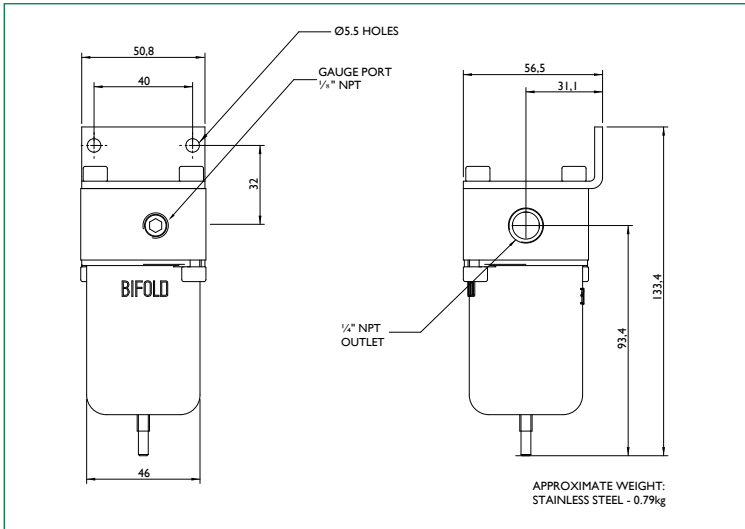
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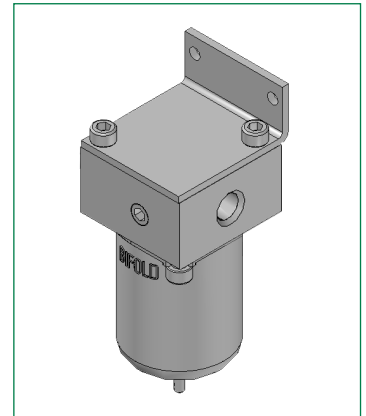
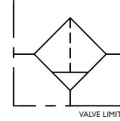
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Dimensional Drawings

Example Code - SH06-FI-MD-X3

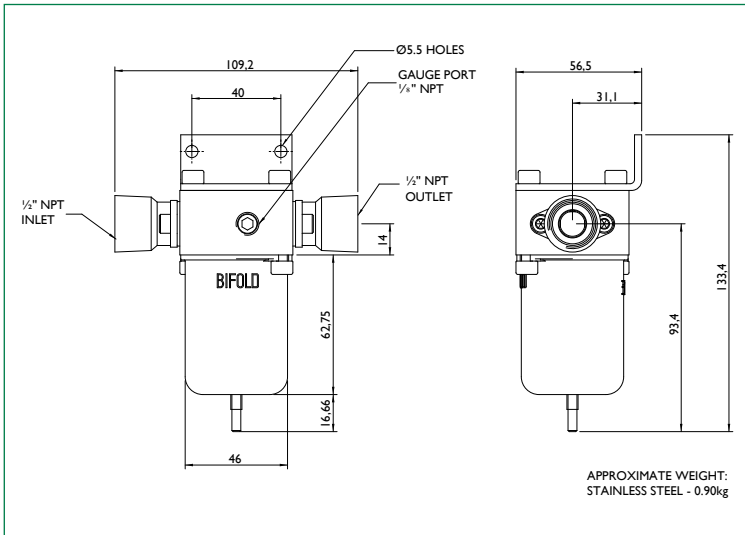


SCHEMATIC

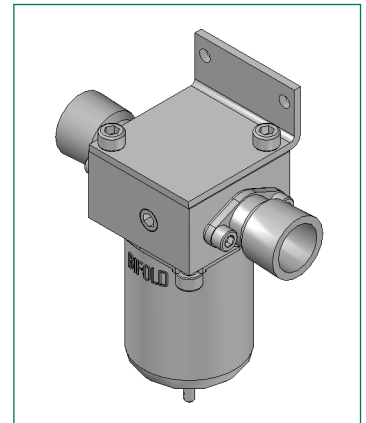
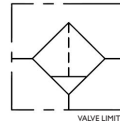


**SH**  
Air Preparation Unit  
Filter Manual Drain

Example Code - SH12-FI-MD-X3

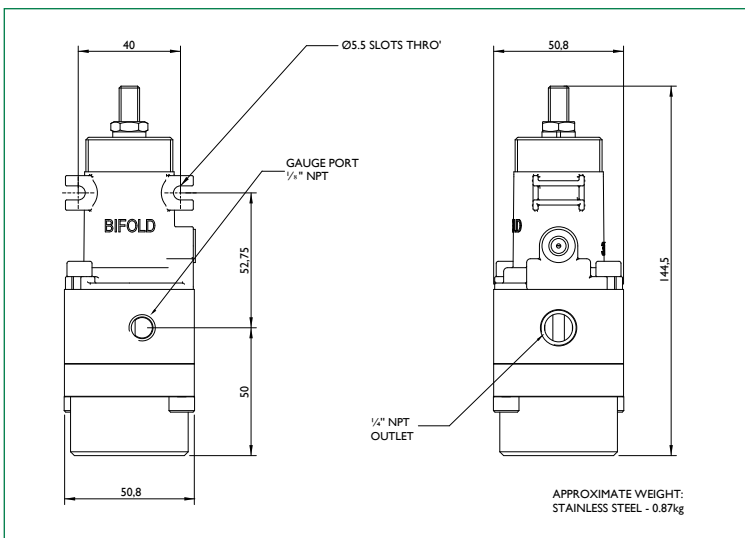


SCHEMATIC

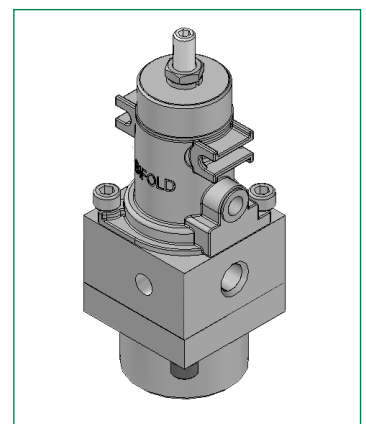
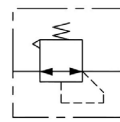


**SH**  
Air Preparation Unit  
Filter Manual Drain

Example Code - SH06-RI-SR-10



SCHEMATIC



**SH**  
Air Preparation Unit  
Regulator Manual Drain

All dimensions in mm

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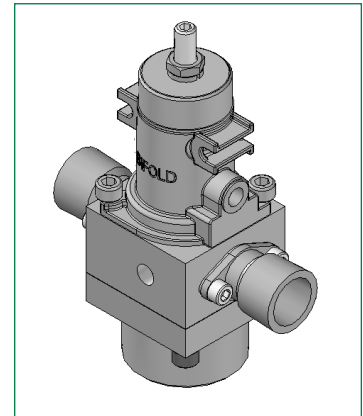
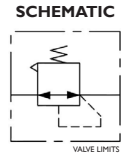
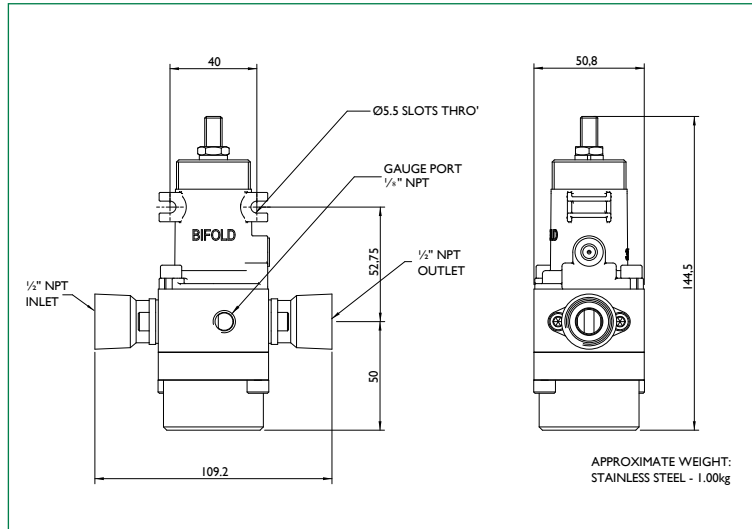
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## Dimensional Drawings

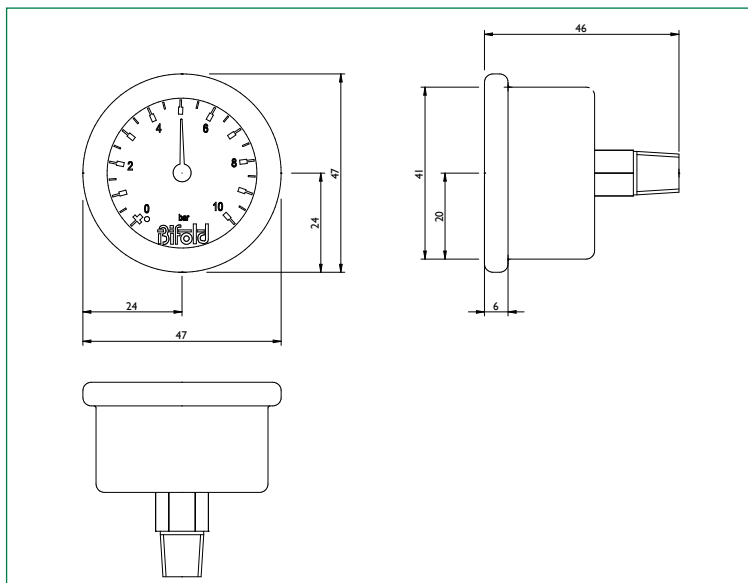
Example Code - SH12-RI-SR-10



**SH**  
Air Preparation Unit  
Regulator Manual Drain

## Gauge Options

### SC - Compact Air Preparation Unit

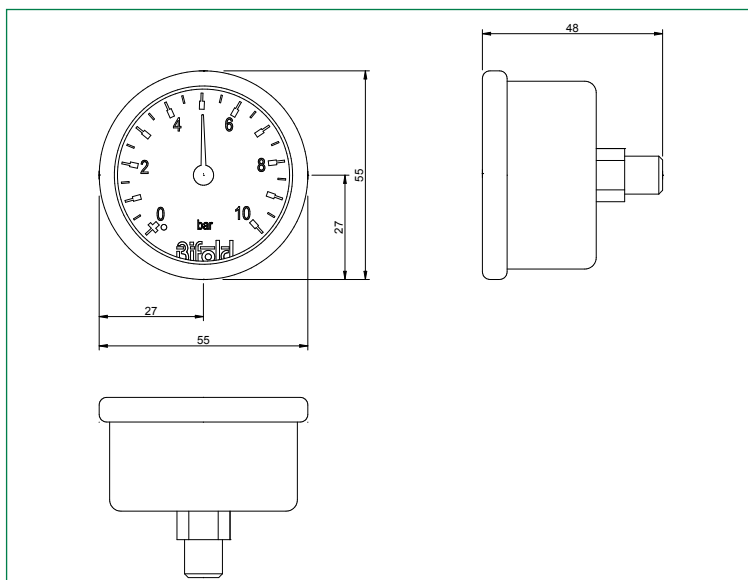


- X10** 10 bar - 40mm Gauge.
- X11** 10 bar - 40mm Glycerine Filled Gauge.
- X10PB** 160 psi / 10 bar - 40mm Dual Gauge.
- X11PB** 160 psi / 10 bar - 40mm Dual Glycerine Filled Gauge.

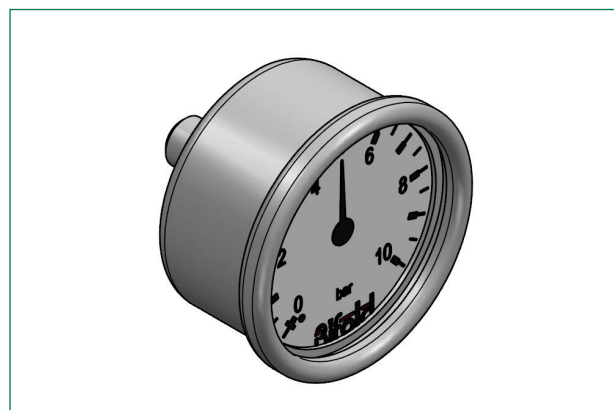


Pressure Gauge	
Feature	Description
Pressure	10 bar or 160 psi / 10 bar
Material	316L stainless steel
Protection	IP65, Polycarbonate Window, Fixed Crimped Bezel
Certification	Certificate of Conformity, Calibration Certificates (upon request)
Temperature	Ambient: -20°C to +60°C Media: +60°C

### SH - Air Preparation Unit

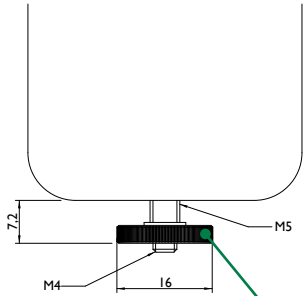


- X5** 10 bar - 50mm Gauge.
  - X8** 10 bar - 50mm Glycerine Filled Gauge.
  - X5PB** 160 psi / 10 bar - 50mm Gauge.
  - X8PB** 160 psi / 10 bar - 50mm Glycerine Filled Gauge.
- Other scale plates available.

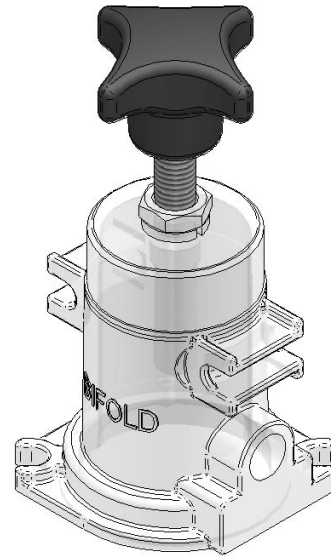


Pressure Gauge	
Feature	Description
Pressure	10 bar or 160 psi / 10 bar
Material	316L stainless steel
Protection	IP65, Polycarbonate Window, Fixed Crimped Bezel
Certification	Certificate of Conformity, Calibration Certificates (upon request)
Temperature	Ambient: -20°C to +60°C Media: +60°C

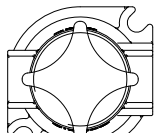
Additional Options



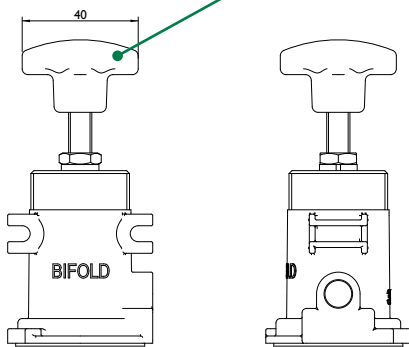
Black Plastic Button Adjustment



**K10**  
Black Plastic Button Adjustment

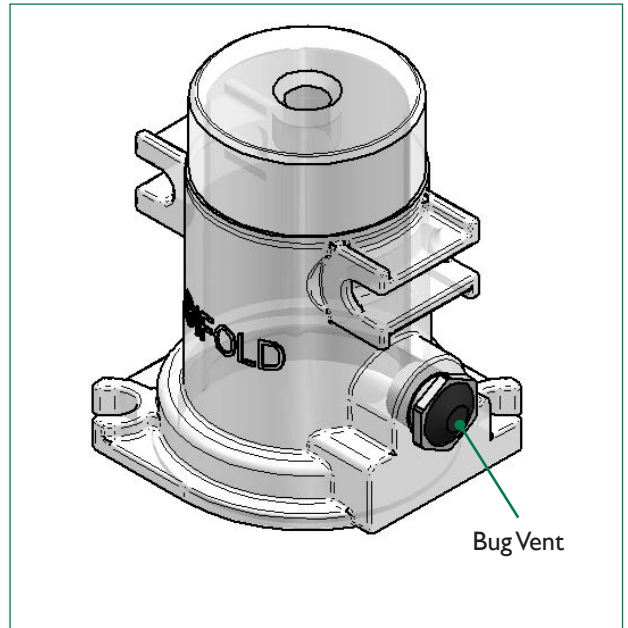
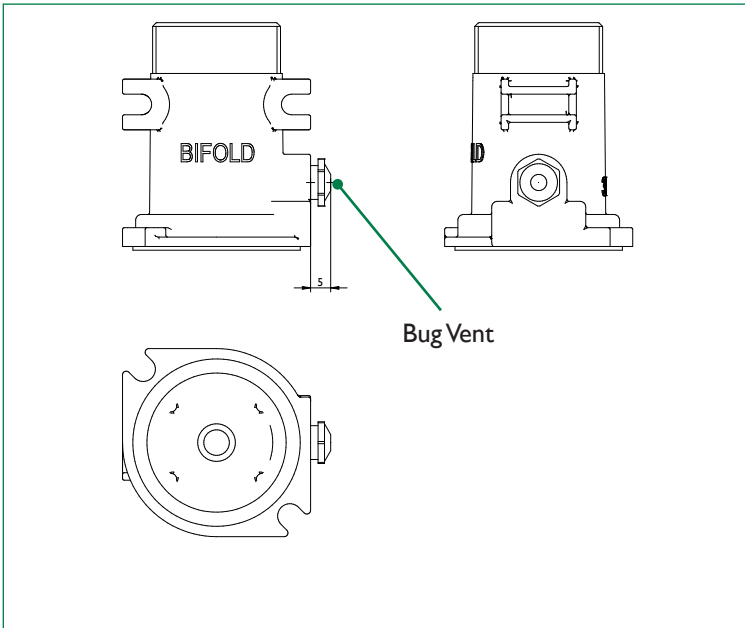


Knurled Drain Screw



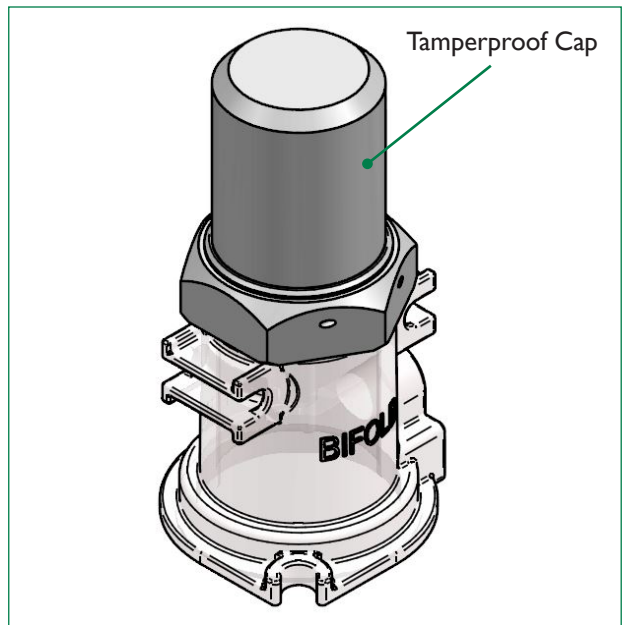
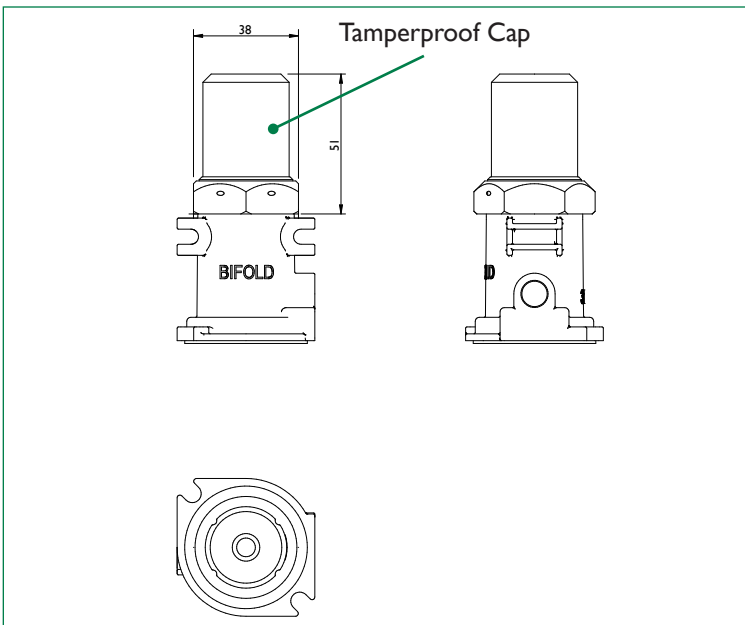
**L116**  
Knurled Drain Screw

Additional Options



**Bug Vent**  
**L15** Viton / 316L Stainless Steel Bug Vent.

SH - Air Preparation Unit

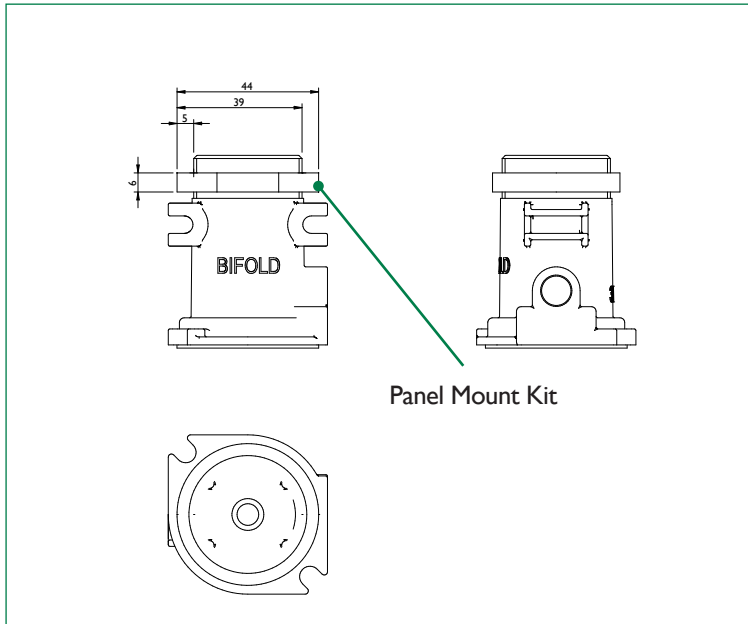


**Mounting Option**  
 (Not Applicable to Filters)  
**L11** 316L Stainless Steel Tamperproof Cap

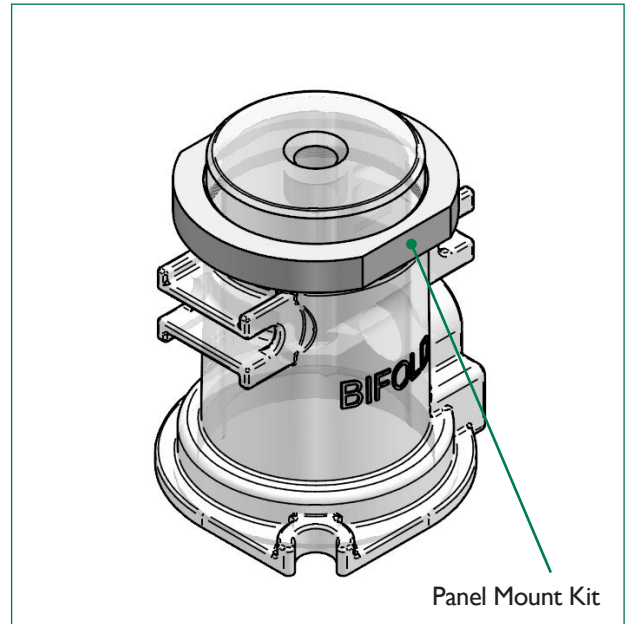
(Not Applicable to SH19 and SH25)

Additional Options

SH - Air Preparation Unit



Panel Mount Kit



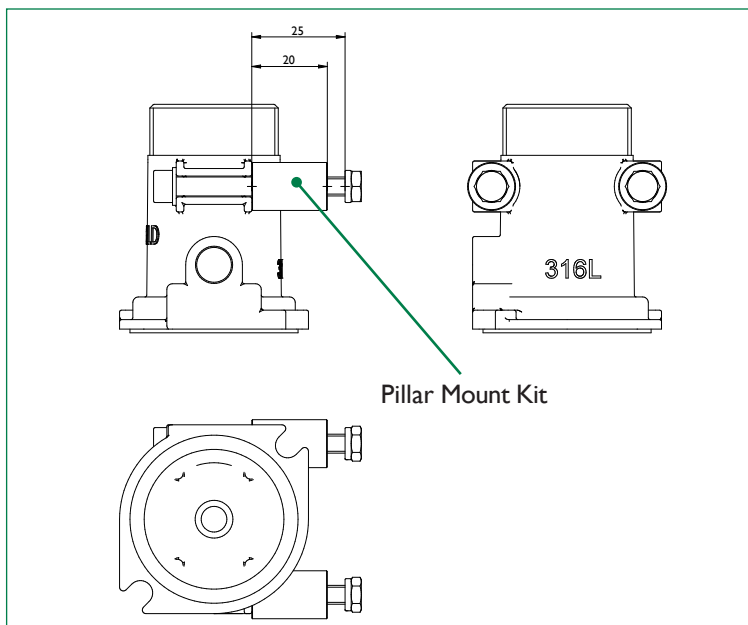
Panel Mount Kit

Mounting Option

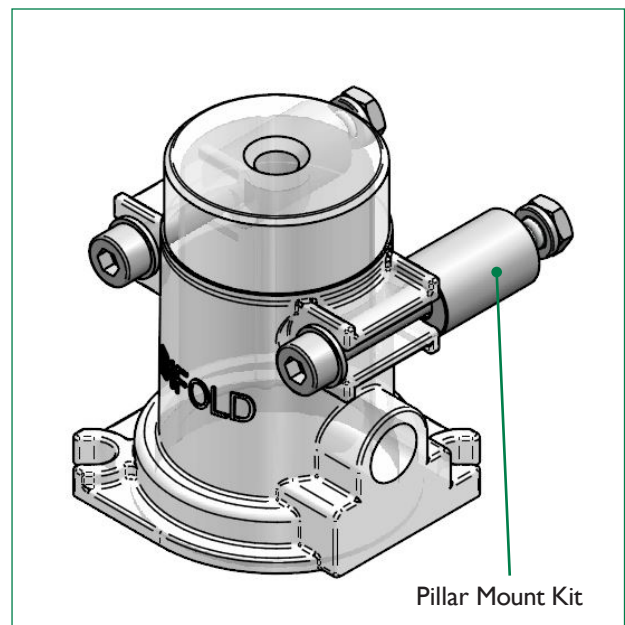
(Not Applicable to Filters)

L8 316L Stainless Steel Panel Mount Kit

(Not Applicable to SH19 and SH25)



Pillar Mount Kit



Pillar Mount Kit

Mounting Option

(Not Applicable to Filters)

L9 316L Stainless Steel Pillar Mount Kit

(Not Applicable to SH19 and SH25)

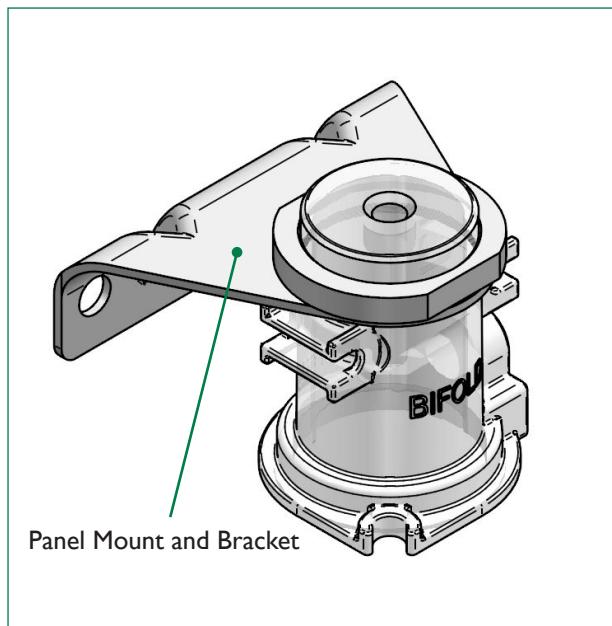
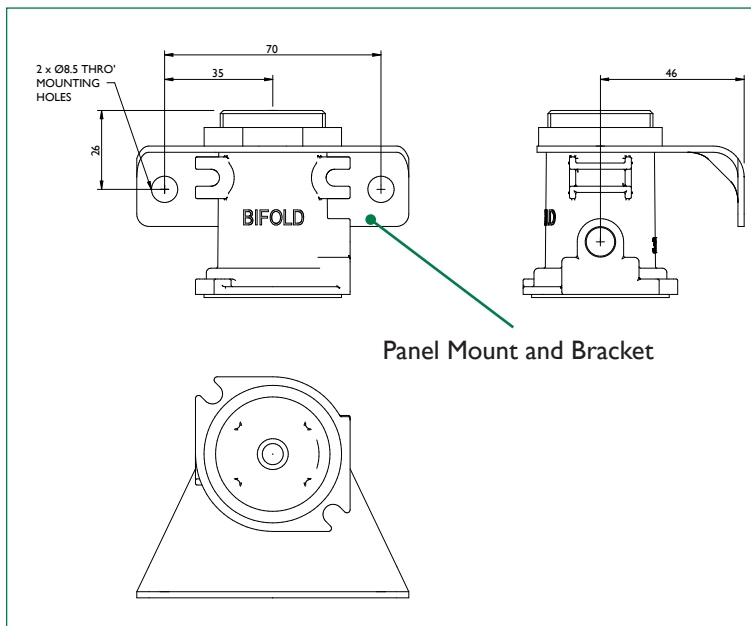
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When selecting a product, the applicable operating system design must be considered to ensure safe use. The products function, material compatibility, adequate ratings, correct installation, operation and maintenance are the responsibilities of the system designer and user.

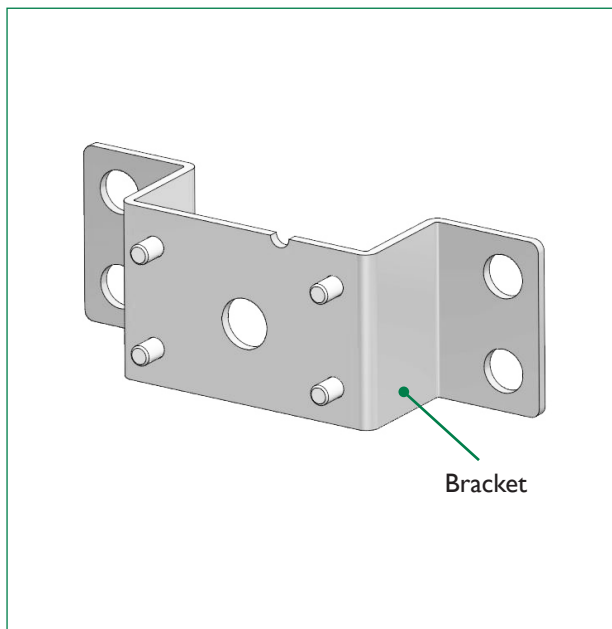
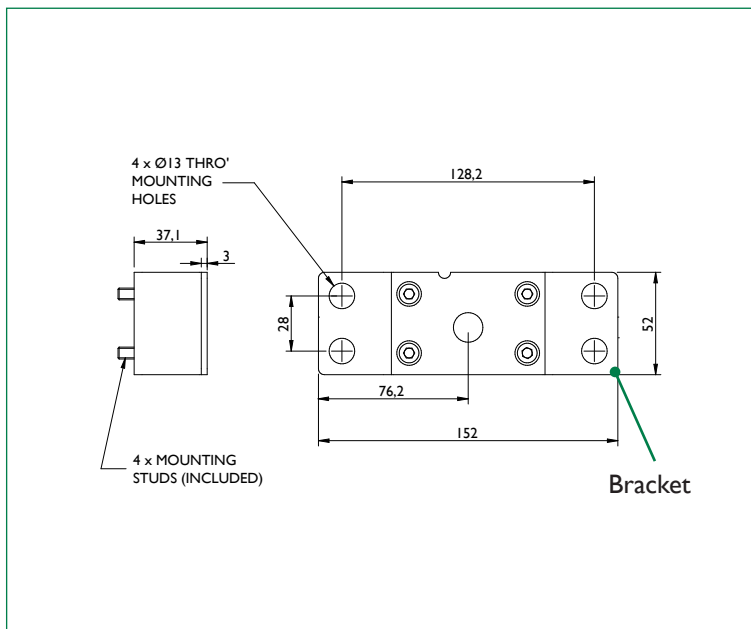
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**Mounting Options**

**SH - Air Preparation Unit**



**Mounting Option**  
 (Not Applicable to Filters)  
**L46** 316L Stainless Steel Panel Mount and Bracket  
 (Not Applicable to SH19 and SH25)



**Bug Vent**  
**L160** 316L Stainless Steel Bracket  
 (Only Applicable to SH19 and SH25)

**Pneumatic and  
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**Hydraulic Valves**  
**Subsea Valves**  
**Hydraulic Pumps,  
Intensifiers and Valves**  
**Actuator Electronic  
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