

Compression fittings
Introduction

Pure gas is critical requirement in gas chromatography, spectroscopy, optics, lithography, and numerous other applications in manufacturing and analytical laboratories. The SPure™ H₂O filters remove H₂O from inert gases, He, Ar, N₂, H₂, methane and clean dry air (CDA) to low ppb levels with very high capacity.


Important


Warnings must be read carefully and understood. Improper use of this product can cause harm or death to personnel and damage to property!

- Wear eye protection and use caution when working with pressurized systems.
- Maximum pressure is 6.9 bar / 100 psi.
- When using a high-pressure gas source over-pressure protection must be provided.
- Do not use with supply gas H₂O concentration greater than 0.1%. Contains molecular sieve which may become very hot in contact with liquid water. Do not use with liquids.
- Do not expose the protective outer plastic tube to solvents
- Not for use with hydrogen or hazardous gases. Consult local regulations and your company's safety procedures.

- Color Disclaimer: This product is intended to be yellow. Slight variations in shade may occur due to the manufacturing process and differences in individual color perception.

Instructions
Installation for compression fittings

1. Check the package contents for damage. Contact your supplier if any items are damaged or missing.
2. The SPure filter is delivered in the active state, filled with helium. It is ready for use, but it is recommended that the trap be purged with the gas to be purified.
3. For the best connections, start with freshly-cut tubing in the gas line. 1/8" nuts should be turned 3/4 turn past finger tight. 1/4" nuts should be turned 1-1/4 turns past finger tight.
4. To connect in-line, first purge the gas line with the supply gas. While maintaining a low purge rate of 10 to 30 cc/min, remove the end plugs from both ends of the trap, then attach the inlet end of the trap to the gas line.
5. While the end plugs are removed from the trap during installation, a small amount of air will diffuse into the adsorbent. As long as the trap is attached to the gas line within a few minutes, the loss of adsorbing capacity will be negligible.
6. Attach the outlet end of the trap.
7. Purge the entire system until a total of 1 to 2 liters of gas has been flushed through.
8. Leak check all connections.

Specifications

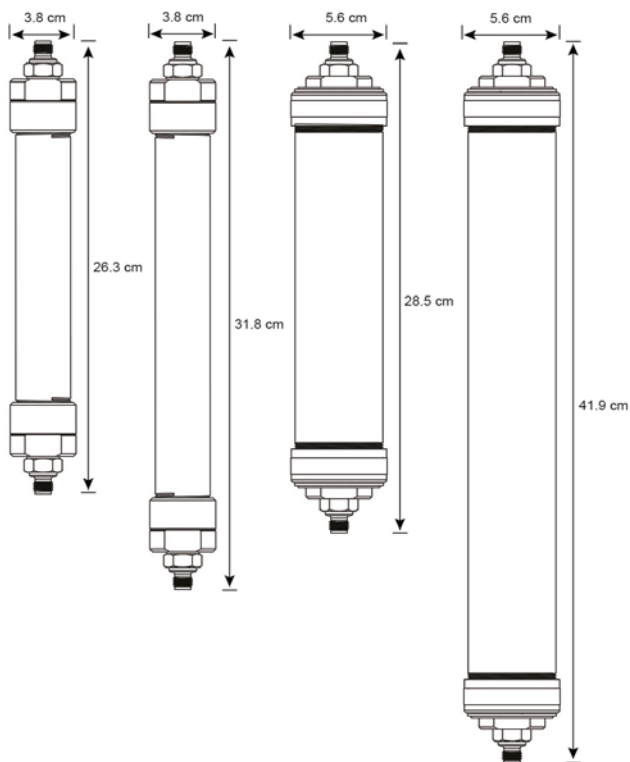


Figure 1. From left to right: 88 cc, 116 cc, 240 cc, 400 cc

Product Numbers

88 cc	
1/8" Brass	1/4" Brass
202238-B	202239-B
1/8" Stainless steel	1/4" Stainless steel
202238-SS	202239-SS
116 cc	
1/8" Brass	1/4" Brass
202238L-B	202239L-B
1/8" Stainless steel	1/4" Stainless steel
202238L-SS	202239L-SS
240 cc	
1/8" Brass	1/4" Brass
202238D-B	202239D-B
1/8" Stainless steel	1/4" Stainless steel
202238D-SS	202239D-SS

400 cc	
1/8" Brass	1/4" Brass
202238XL-B	202239XL-B
1/8" Stainless steel	1/4" Stainless steel
202238XL-SS	202239XL-SS

References



Recycling

Please contact Trajan for information regarding recycling purifier products.

Information and support

Visit www.trajanscimed.com or contact techsupport@trajanscimed.com

Specifications are subject to change without notice.

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