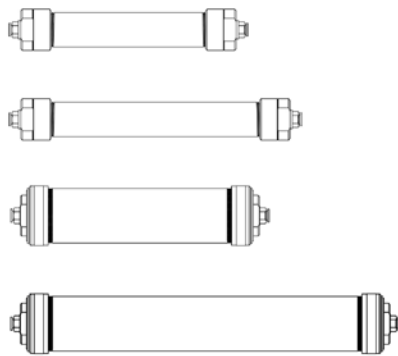


SPure™ H₂O/HC filters

Push-to-connect 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/HC filters removes moisture, oil, dust and hydrocarbons (C5 and heavier) from dry air and inert gases.



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 push-to-connect fittings

1. Check the package contents for damage. Contact your supplier if any items are damaged or missing.
2. The SPure filters are 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. Make sure the ends of the plastic tubing are clean and free of scratches. If it is damaged, simply cut a small piece off the end.
4. Remove the shipping plug from the inlet end of the trap by depressing the locking tab and pulling on the plug.
5. Insert the tube into the fitting until it bottoms out. Make sure the tube is fully inserted.
6. Gently pull back on the tube to make sure the locking tab is engaged.
7. Repeat for the outlet end of the trap.
8. Purge the entire systems until a total of 1 to 2 liters of gas has been flushed through. Maintain a low purge rate of 10 to 30 cc/min.
9. Leak check all connections.
10. If leaks are present, remove the tube by pressing down on the locking tab, and simultaneously pulling up on the tube. Trim the end of the tube and re-insert.

Specifications

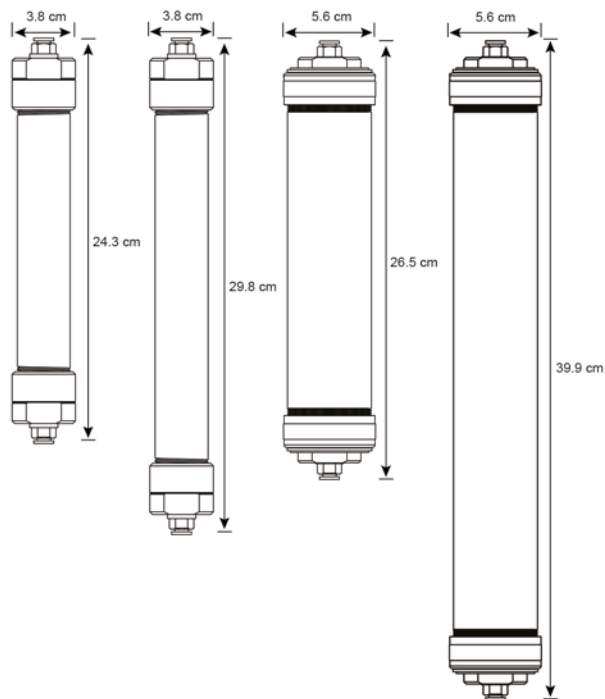


Figure 1. From left to right: 88 cc, 116 cc, 240 cc, 400 cc

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.

US AGENT	Trajan Scientific Americas Inc 2601 Technology Drive, Louisville, KY 40299, USA Tel: +1 502 491 6300
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Product Numbers

88 cc	
For 1/4" Tubing	For 6 mm Tubing
202324-4-PC	202324-6-PC
116 cc	
For 1/4" Tubing	For 6 mm Tubing
202324L-4-PC	202324L-6-PC
240 cc	
For 1/4" Tubing	For 6 mm Tubing
202324D-4-PC	202324D-6-PC
400 cc	
For 1/4" Tubing	For 6 mm Tubing
202324XL-4-PC	202324XL-6-PC