

ZPure™ H₂O 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 ZPure™ 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 10.3 bar / 150 psi.
- When using a high-pressure gas source over-pressure protection must be provided.
- Do not open filter, even after use.
- 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.
- Special precautions might be required when using hydrogen or hazardous gases. Consult local regulations and your company's safety procedures.

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 ZPure 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

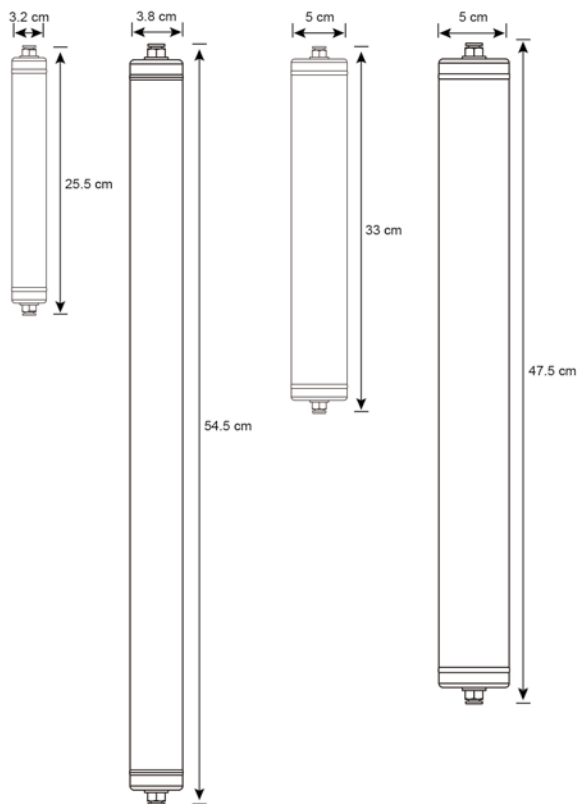


Figure 1. From left to right: 130 cc, 475 cc, 500 cc, 750 cc

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

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Product Numbers

130 cc	
For 1/4" Tubing	For 6 mm Tubing
202230-4-PC	202231-6-PC
475 cc	
For 1/4" Tubing	For 6 mm Tubing
202230L-4-PC	202231L-6-PC
500 cc	
For 1/4" Tubing	For 6 mm Tubing
202230D-4-PC	202231D-6-PC
750 cc	
For 1/4" Tubing	For 6 mm Tubing
202230XL-4-PC	202231XL-6-PC