

# ZPure™ PolyGas I Purifier with Quick Connect Fittings



## Warnings



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 rating is noted in table below.

When using a high-pressure gas source overpressure protection must be provided.

Do not open filter, even after use.

The rapid oxidation of the active adsorbent in this filter can cause the filter bed to become hot. Limited exposure of the filter to air during installation does not result in rapid reaction or dangerous heat generation.

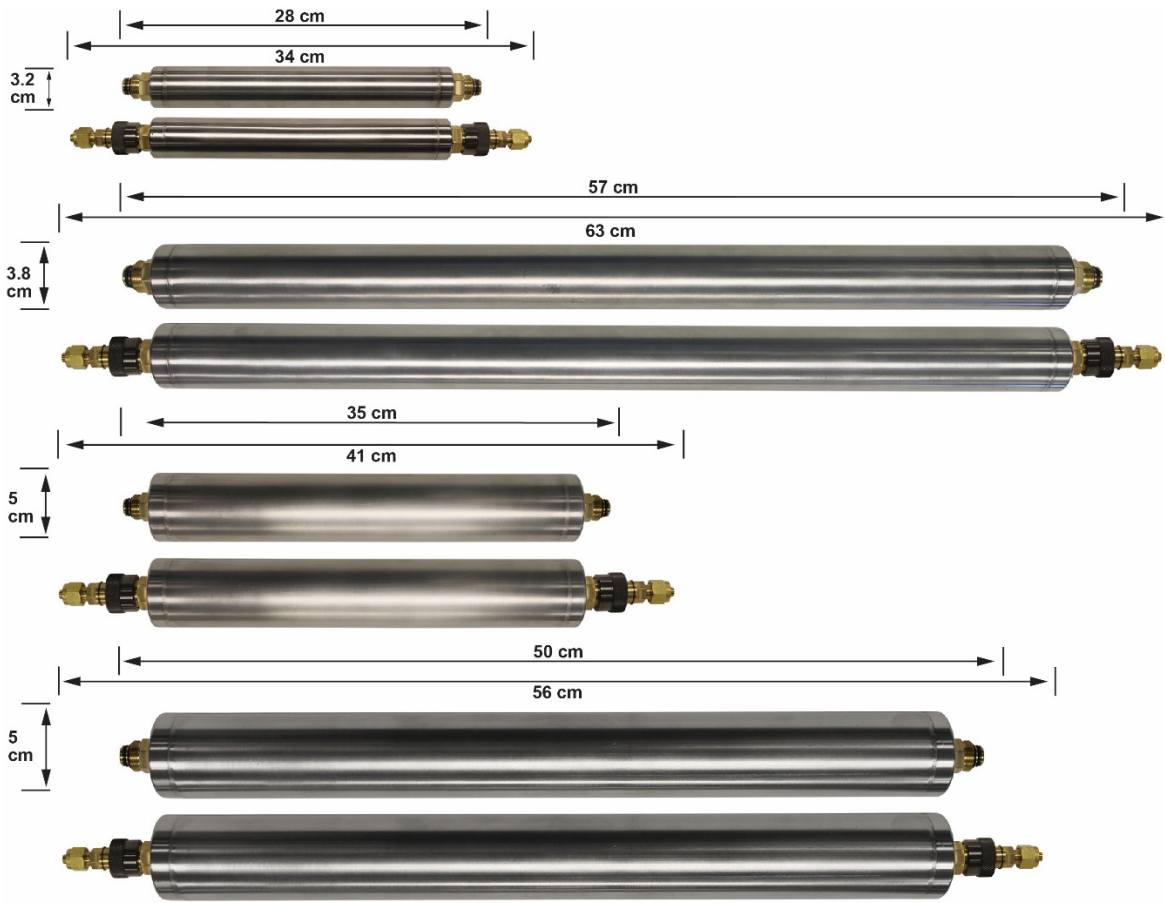
Do not use with supply gas H<sub>2</sub>O concentration or O<sub>2</sub> concentration greater than 0.1%. Contains molecular sieve which may become very hot in contact with liquid water.

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.

### Product Numbers

Size	1/8" Brass (Complete Kit)	1/4" Brass (Complete Kit)	1/8" SS (Complete Kit)	1/4" SS (Complete Kit)	Replacement Cartridge (Brass)	Replacement Cartridge (SS)	Maximum Pressure
130 cc	202285-B-QC	202286-B-QC	202285-SS-QC	202286-SS-QC	202RP1-B-QC	202RP1-SS-QC	13.8 bar / 200 psi
475 cc	202285L-B-QC	202286L-B-QC	202285L-SS- QC	202286L-SS- QC	202RP1L-B-QC	202RP1L-SS-QC	13.8 bar / 200 psi
500 cc	202285D-B-QC	202286D-B-QC	202285D-SS- QC	202286D-SS- QC	202RP1D-B-QC	202RP1D-SS-QC	13.8 bar / 200 psi
750 cc	202285XL-B- QC	202286XL-B- QC	202285XL-SS- QC	202286XL-SS- QC	202RP1XL-B-QC	202RP1XL-SS-QC	13.8 bar / 200 psi



*From top to bottom: 130 cc, 475 cc, 500 cc, 750 cc*

## Filter Setup and Use

### Installation for Quick Connect Fittings

1. Check the package contents for damage. Contact your supplier if any items are damaged or missing.
2. The ZPure 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. Install the Quick Connect Tube fittings ends to the gas lines. 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. Attach the outlet end of the filter by screwing the Quick Connect fitting nut onto the adapter. This will open both check valves on the outlet side.
5. Attach the inlet end of the filter by screwing the Quick Connect fitting nut onto the adapter. This will open both check valves on the inlet side.
6. Purge the entire system until a total of 1 to 2 liters of gas has been flushed through.
7. Leak check all connections.

Chromatography Research Supplies, Inc.  
2601 Technology Drive  
Louisville, KY 40299  
USA

tel. (+1) 502-491-6300

[www.ChromRes.com](http://www.ChromRes.com)



### **Recycling**

Please contact CRS for information regarding recycling and reconditioning gas purifier products.

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