

## Accessories | ZPure™ H<sub>2</sub>O

Pure gas is a critical requirement in gas chromatography, spectroscopy, optics, lithography, and numerous other applications in manufacturing and analytical laboratories. The ZPure™ line of filters remove a wide range of contaminants to trace levels.

### Features and benefits

- High efficiency in-line traps with outstanding capacity.
- High quality activated adsorbents for long purifier life and efficient contaminant removal.
- Various size and fitting configurations to fit existing installations.
- Filter lifetime is dependent on quality of incoming gas, and the flow rate.
- Individually leak tested.

### Recommended applications

It can be used to remove water from inert gases, He, Ar, N<sub>2</sub>, H<sub>2</sub>, methane and clean dry air (CDA) to low ppb levels. It is recommended for any application requiring ultra-dry gas.



### Product specifications

ZPure™ H <sub>2</sub> O							
Volume	Function	Capacity (nominal-max)	Outlet concentration at nominal flow rate	Flow rate (nominal-max)	Max pressure	Dimensions	Fittings
130 cc	Removes water	12 - 22 g water	Moisture < 20 ppb	1 - 10 SLPM	68.9 bar / 1000 psi	3.2 cm x 28 cm	1/8" and 1/4" brass and stainless steel compression
475 cc		45 - 79 g water		3.7 - 36 SLPM		3.8 cm x 57 cm	
500 cc		48 - 83 g water		3.8 - 38 SLPM	13.8 bar / 200 psi	5 cm x 35 cm	
750 cc		72 - 124 g water		5.8 - 57 SLPM		5 cm x 50 cm	

1) The nominal water capacity is determined for an inlet impurity level of 200 ppm H<sub>2</sub>O. The maximum water capacity is determined for an inlet impurity level of 10000 ppm H<sub>2</sub>O.

2) Nominal flow rate is the recommended flow rate for an estimated gas purifier life of 1 year. This assumes the following inlet impurities: 1 ppm H<sub>2</sub>O. The maximum recommended flow rate is recommended for intermittent use only.

For more information about this product visit [www.trajanscimed.com](http://www.trajanscimed.com) or contact [techsupport@trajanscimed.com](mailto:techsupport@trajanscimed.com)