

## ZPure™ Gas Purifiers & Filters



## Stainless Steel Traps



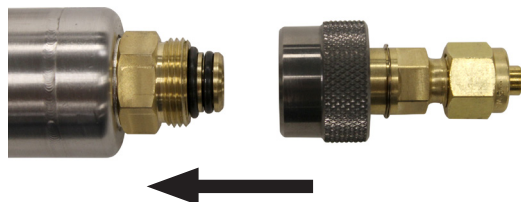
- High-Efficiency inline traps with outstanding capacity
- High quality activated adsorbents for long purifier life and efficient contaminant removal
- Various size and fitting configurations to fit existing installations

\*Filter lifetime is dependent on quality of incoming gas and the flow rate.

\*For more detailed specifications on individual applications please contact CRS at [sales@chromres.com](mailto:sales@chromres.com).



Compression Fittings seal well and can be broken and retightened many times if used properly. They are compatible with industry standard ferrules and tubing.



Quick Connect Fittings are used for fast connections and replacements. They have superior seals that use O-rings and check valves to protect gas lines.



Push-to-Connect Fittings are used to connect plastic tubing with a quick and easy connection. Push-to-connect fittings have lower pressure ratings, and permeation through plastic tubing can have some effect on the ultimate purity level of the gas.



## ZPure™ O<sub>2</sub> Filters

The ZPure O<sub>2</sub> Filter removes oxygen from He, Ar, N<sub>2</sub>, H<sub>2</sub>, and methane to low ppb levels, with very high capacity in a compact package. The ZPure O<sub>2</sub> Filter is available with standard compression fittings or quick connect fittings in 1/4" and 1/8" brass and stainless steel.

	Capacity	Efficiency	Nominal Flow Rate	Max Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
130 cc	O <sub>2</sub> : 2500 cc	< 5 ppb	1 SLPM	10 SLPM	HAZARDOUS UN3190	68.9 bar / 1000 psig	3.2 cm x 28 cm	1/8 in Brass Compression Fittings	202216-B
								1/8 in Stainless Steel Compression Fittings	202216-SS
								1/4 in Brass Compression Fittings	202217-B
								1/4 in Stainless Steel Compression Fittings	202217-SS
						13.8 bar / 200 psig	3.2 cm x 34 cm (28 cm w/o adapters)	1/8 in Brass Quick Connect Fittings	202216-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202216-SS-QC
								1/4 in Brass Quick Connect Fittings	202217-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202217-SS-QC



# ZPure™ HC Filters

The ZPure HC will remove hydrocarbons heavier than butane from inert gases, He, Ar, N<sub>2</sub>, H<sub>2</sub>, and clean dry air (CDA) to low ppb levels. It is also recommended for most applications that require hydrocarbon-free gas, and is available in 4 sizes of stainless steel cylinders ranging from 130 cc to 750 cc. The ZPure HC Filter is available with standard compression fittings and quick connect fittings offered in 1/4" and 1/8" brass and stainless steel, or metal push-to-connect fittings in 1/4" and 6 mm for plastic tubing and non-carrier gas lines.

	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
130 cc	HC* : 10 g	< 5 ppb	1 SLPM	10 SLPM**	NO	68.9 bar / 1000 psig	3.2 cm x 28 cm	1/8 in Brass Compression Fittings	202232-B
								1/8 in Stainless Steel Compression Fittings	202232-SS
								1/4 in Brass Compression Fittings	202233-B
								1/4 in Stainless Steel Compression Fittings	202233-SS
						13.8 bar / 200 psig	3.2 cm x 34 cm (28 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202232-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202232-SS-QC
								1/4 in Brass Quick Connect Fittings	202233-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202233-SS-QC
						10.3 bar / 150 psig	3.2 cm x 25.5 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202232-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202232-6-PC
LS - 475 cc	HC* : 42 g	< 5 ppb	3.7 SLPM	36 SLPM**	NO	68.9 bar / 1000 psig	3.8 cm x 57 cm	1/8 in Brass Compression Fittings	202232L-B
								1/8 in Stainless Steel Compression Fittings	202232L-SS
								1/4 in Brass Compression Fittings	202233L-B
								1/4 in Stainless Steel Compression Fittings	202233L-SS
						13.8 bar / 200 psig	3.8 cm x 63 cm (57 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202232L-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202232L-SS-QC
								1/4 in Brass Quick Connect Fittings	202233L-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202233L-SS-QC
						10.3 bar / 150 psig	3.8 cm x 54.5 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202232L-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202232L-6-PC
DS - 500 cc	HC* : 45 g	< 5 ppb	3.8 SLPM	38 SLPM**	NO	13.8 bar / 200 psig	5 cm x 35 cm	1/8 in Brass Compression Fittings	202232D-B
								1/8 in Stainless Steel Compression Fittings	202232D-SS
								1/4 in Brass Compression Fittings	202233D-B
								1/4 in Stainless Steel Compression Fittings	202233D-SS
							5 cm x 41 cm (35 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202232D-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202232D-SS-QC
								1/4 in Brass Quick Connect Fittings	202233D-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202233D-SS-QC
						10.3 bar / 150 psig	5 cm x 33 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202232D-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202232D-6-PC
XLS - 750 cc	HC* : 67 g	< 5 ppb	5.8 SLPM	57 SLPM**	NO	13.8 bar / 200 psig	5 cm x 50 cm	1/8 in Brass Compression Fittings	202232XL-B
								1/8 in Stainless Steel Compression Fittings	202232XL-SS
								1/4 in Brass Compression Fittings	202233XL-B
								1/4 in Stainless Steel Compression Fittings	202233XL-SS
							5 cm x 56 cm (50 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202232XL-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202232XL-SS-QC
								1/4 in Brass Quick Connect Fittings	202233XL-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202233XL-SS-QC
						10.3 bar / 150 psig	5 cm x 47.5 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202232XL-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202232XL-6-PC

\* Hydrocarbons heavier than C4

\*\* For high flow applications, contact sales@chromres.com

# Gas Purifiers & Filters



## ZPure™ H<sub>2</sub>O Filters

The ZPure H<sub>2</sub>O Filter removes water from inert gases, He, Ar, N<sub>2</sub>, H<sub>2</sub>, methane and clean dry air (CDA) to low ppb levels, with very high capacity. It is recommended for any application that requires ultra-dry gas, and is available in 4 sizes of stainless steel cylinders ranging from 130 cc to 750 cc. The ZPure H<sub>2</sub>O Filter is available with standard compression fittings or quick connect fittings offered in 1/4" and 1/8" brass and stainless steel, or metal push-to-connect fittings in 1/4" and 6 mm for plastic tubing and non-carrier gas lines

	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
130 cc	H <sub>2</sub> O*: 12 g	< 20 ppb	1 SLPM	10 SLPM**	NO	68.9 bar / 1000 psig	3.2 cm x 28 cm	1/8 in Brass Compression Fittings	202230-B
								1/8 in Stainless Steel Compression Fittings	202230-SS
								1/4 in Brass Compression Fittings	202231-B
								1/4 in Stainless Steel Compression Fittings	202231-SS
						13.8 bar / 200 psig	3.2 cm x 34 cm (28 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202230-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202230-SS-QC
								1/4 in Brass Quick Connect Fittings	202231-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202231-SS-QC
						10.3 bar / 150 psig	3.2 cm x 25.5 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202230-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202230-6-PC
LS - 475 cc	H <sub>2</sub> O*: 45 g	< 20 ppb	3.7 SLPM	36 SLPM**	NO	68.9 bar / 1000 psig	3.8 cm x 57 cm	1/8 in Brass Compression Fittings	202230L-B
								1/8 in Stainless Steel Compression Fittings	202230L-SS
								1/4 in Brass Compression Fittings	202231L-B
								1/4 in Stainless Steel Compression Fittings	202231L-SS
						13.8 bar / 200 psig	3.8 cm x 63 cm (57 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202230L-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202230L-SS-QC
								1/4 in Brass Quick Connect Fittings	202231L-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202231L-SS-QC
						10.3 bar / 150 psig	3.8 cm x 54.5 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202230L-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202230L-6-PC
DS - 500 cc	H <sub>2</sub> O*: 47 g	< 20 ppb	3.8 SLPM	38 SLPM**	NO	13.8 bar / 200 psig	5 cm x 35 cm	1/8 in Brass Compression Fittings	202230D-B
								1/8 in Stainless Steel Compression Fittings	202230D-SS
								1/4 in Brass Compression Fittings	202231D-B
								1/4 in Stainless Steel Compression Fittings	202231D-SS
							5 cm x 41 cm (35 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202230D-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202230D-SS-QC
								1/4 in Brass Quick Connect Fittings	202231D-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202231D-SS-QC
						10.3 bar / 150 psig	5 cm x 33 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202230D-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202230D-6-PC
XLS - 750 cc	H <sub>2</sub> O*: 71 g	< 20 ppb	5.8 SLPM	57 SLPM	NO	13.8 bar / 200 psig	5 cm x 50 cm	1/8 in Brass Compression Fittings	202230XL-B
								1/8 in Stainless Steel Compression Fittings	202230XL-SS
								1/4 in Brass Compression Fittings	202231XL-B
								1/4 in Stainless Steel Compression Fittings	202231XL-SS
							5 cm x 56 cm (50 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202230XL-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202230XL-SS-QC
								1/4 in Brass Quick Connect Fittings	202231XL-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202231XL-SS-QC
						10.3 bar / 150 psig	5 cm x 47.5 cm	1/4 in Nickel Plated Brass Push-To-Connect Fittings	202230XL-4-PC
								6 mm Nickel Plated Brass Push-To-Connect Fittings	202230XL-6-PC

\* Water capacity based on an inlet moisture concentration of 200 ppmv

\*\* For high flow applications, contact sales@chromres.com





# ZPure™ CO<sub>2</sub> Filters

The ZPure CO<sub>2</sub> Filter removes carbon dioxide from inert gases, He, Ar, N<sub>2</sub>, H<sub>2</sub>, and clean dry air (CDA) to low ppb levels. The filter functions by consuming carbon dioxide in a reaction with highly-dispersed NaOH on a silicate support. The reaction produces water which remains adsorbed in the purifier. In highly critical applications consideration should be given to using an additional moisture trap after the CO<sub>2</sub> Filter as a safety measure. It is available in 4 sizes of stainless steel cylinders ranging from 130 cc to 750 cc. The ZPure CO<sub>2</sub> Filter is available with standard compression fittings and quick connect fittings offered in 1/4" and 1/8" brass and stainless steel.

	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
130 cc	CO <sub>2</sub> : 26 g	< 5 ppb	650 cc/min	Contact sales@chromres.com	HAZARDOUS UN1823	68.9 bar / 1000 psig	3.2 cm x 28 cm	1/8 in Brass Compression Fittings	202212-B
								1/8 in Stainless Steel Compression Fittings	202212-SS
								1/4 in Brass Compression Fittings	202213-B
								1/4 in Stainless Steel Compression Fittings	202213-SS
						13.8 bar / 200 psig	3.2 cm x 34 cm (28 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202212-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202212-SS-QC
								1/4 in Brass Quick Connect Fittings	202213-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202213-SS-QC
LS - 475 cc	CO <sub>2</sub> : 95 g	< 5 ppb	2.5 SLPM	Contact sales@chromres.com	HAZARDOUS UN1823	68.9 bar / 1000 psig	3.8 cm x 57 cm	1/8 in Brass Compression Fittings	202212L-B
								1/8 in Stainless Steel Compression Fittings	202212L-SS
								1/4 in Brass Compression Fittings	202213L-B
								1/4 in Stainless Steel Compression Fittings	202213L-SS
						13.8 bar / 200 psig	3.8 cm x 63 cm (57 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202212L-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202212L-SS-QC
								1/4 in Brass Quick Connect Fittings	202213L-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202213L-SS-QC
DS - 500 cc	CO <sub>2</sub> : 100 g	< 5 ppb	2.5 SLPM	Contact sales@chromres.com	HAZARDOUS UN1823	13.8 bar / 200 psig	5 cm x 35 cm	1/8 in Brass Compression Fittings	202212D-B
								1/8 in Stainless Steel Compression Fittings	202212D-SS
								1/4 in Brass Compression Fittings	202213D-B
								1/4 in Stainless Steel Compression Fittings	202213D-SS
							5 cm x 41 cm (35 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202212D-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202212D-SS-QC
								1/4 in Brass Quick Connect Fittings	202213D-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202213D-SS-QC
XLS - 750 cc	CO <sub>2</sub> : 120 g	< 5 ppb	4 SLPM	Contact sales@chromres.com	HAZARDOUS UN1823	13.8 bar / 200 psig	5 cm x 50 cm	1/8 in Brass Compression Fittings	202212XL-B
								1/8 in Stainless Steel Compression Fittings	202212XL-SS
								1/4 in Brass Compression Fittings	202213XL-B
								1/4 in Stainless Steel Compression Fittings	202213XL-SS
							5 cm x 56 cm (50 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202212XL-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202212XL-SS-QC
								1/4 in Brass Quick Connect Fittings	202213XL-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202213XL-SS-QC

\* For high flow applications, contact sales@chromres.com

# Gas Purifiers & Filters

## ZPure™ O<sub>2</sub> / H<sub>2</sub>O Filters

The ZPure O<sub>2</sub> / H<sub>2</sub>O Filter removes oxygen and water from inert gases, He, Ar, N<sub>2</sub>, and H<sub>2</sub>, making it ideal for use with GC and GC/MS carrier gas lines. It is also recommended for any application requiring ultra-pure gas free from oxygen and water. It is available in 4 sizes of stainless steel cylinders ranging from 130 cc to 750 cc. The ZPure O<sub>2</sub> / H<sub>2</sub>O Filter is available with standard compression fittings and quick connect fittings offered in 1/4" and 1/8" brass and stainless steel.

	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Dimensions	Fitting Type	Part Number
130 cc	O <sub>2</sub> : 275 cc H <sub>2</sub> O*: 4.3 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb	430 cc/min	1.4 SLPM†	NO	68.9 bar / 1000 psig	3.2 cm x 28 cm	1/8 in Brass Compression Fittings	202295-B
								1/8 in Stainless Steel Compression Fittings	202295-SS
								1/4 in Brass Compression Fittings	202296-B
								1/4 in Stainless Steel Compression Fittings	202296-SS
						13.8 bar / 200 psig	3.2 cm x 34 cm (28 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202295-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202295-SS-QC
								1/4 in Brass Quick Connect Fittings	202296-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202296-SS-QC
LS - 475 cc	O <sub>2</sub> : 1020 cc H <sub>2</sub> O*: 15.9 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb	1.3 SLPM	4.9 SLPM†	NO	68.9 bar / 1000 psig	3.8 cm x 57 cm	1/8 in Brass Compression Fittings	202295L-B
								1/8 in Stainless Steel Compression Fittings	202295L-SS
								1/4 in Brass Compression Fittings	202296L-B
								1/4 in Stainless Steel Compression Fittings	202296L-SS
						13.8 bar / 200 psig	3.8 cm x 63 cm (57 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202295L-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202295L-SS-QC
								1/4 in Brass Quick Connect Fittings	202296L-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202296L-SS-QC
DS - 500 cc	O <sub>2</sub> : 1060 cc H <sub>2</sub> O*: 16.7 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb	1.6 SLPM	5.2 SLPM†	NO	13.8 bar / 200 psig	5 cm x 35 cm	1/8 in Brass Compression Fittings	202295D-B
								1/8 in Stainless Steel Compression Fittings	202295D-SS
								1/4 in Brass Compression Fittings	202296D-B
								1/4 in Stainless Steel Compression Fittings	202296D-SS
							5 cm x 41 cm (35 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202295D-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202295D-SS-QC
								1/4 in Brass Quick Connect Fittings	202296D-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202296D-SS-QC
XLS - 750 cc	O <sub>2</sub> : 1500 cc H <sub>2</sub> O*: 25.0 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb	2.5 SLPM	7.7 SLPM†	NO	13.8 bar / 200 psig	5 cm x 50 cm	1/8 in Brass Compression Fittings	202295XL-B
								1/8 in Stainless Steel Compression Fittings	202295XL-SS
								1/4 in Brass Compression Fittings	202296XL-B
								1/4 in Stainless Steel Compression Fittings	202296XL-SS
							5 cm x 56 cm (50 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202295XL-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202295XL-SS-QC
								1/4 in Brass Quick Connect Fittings	202296XL-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202296XL-SS-QC

\* Water capacity based on an inlet moisture concentration of 200 ppmv

† For high flow applications, contact sales@chromres.com

# ZPure™ PolyGas I Purifiers

The ZPure PolyGas I Purifier removes a wide range of contaminants including oxygen, water, CO<sub>2</sub>, CO, halogenated compounds, siloxanes, hydrocarbons heavier than butane, sulfur-containing molecules, ammonia and other gases. It can be used to purify inert gases, He, Ar, N<sub>2</sub>, and H<sub>2</sub>, making it ideal for use with GC and GC/MS carrier gas lines. It is also recommended for any application requiring ultra-pure gas free from oxygen, water and hydrocarbons (heavier than butane). It is available in 4 sizes of stainless steel cylinders ranging from 130 cc to 750 cc. The ZPure PolyGas I Purifier is available with standard compression fittings and quick connect fittings offered in 1/4" and 1/8" brass and stainless steel.

	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Dimensions	Fitting Type	Part Number
130 cc	O <sub>2</sub> : 175 cc H <sub>2</sub> O*: 3.6 g HC**: 4.0 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	320 cc/min	1 SLPM***	NO	68.9 bar / 1000 psig	3.2 cm x 28 cm	1/8 in Brass Compression Fittings	202285-B
								1/8 in Stainless Steel Compression Fittings	202285-SS
								1/4 in Brass Compression Fittings	202286-B
								1/4 in Stainless Steel Compression Fittings	202286-SS
						13.8 bar / 200 psig	3.2 cm x 34 cm (28 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202285-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202285-SS-QC
								1/4 in Brass Quick Connect Fittings	202286-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202286-SS-QC
LS - 475 cc	O <sub>2</sub> : 634 cc H <sub>2</sub> O*: 13.6 g HC**: 15.0 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	1 SLPM	3.65 SLPM***	NO	68.9 bar / 1000 psig	3.8 cm x 57 cm	1/8 in Brass Compression Fittings	202285L-B
								1/8 in Stainless Steel Compression Fittings	202285L-SS
								1/4 in Brass Compression Fittings	202286L-B
								1/4 in Stainless Steel Compression Fittings	202286L-SS
						13.8 bar / 200 psig	3.8 cm x 63 cm (57 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202285L-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202285L-SS-QC
								1/4 in Brass Quick Connect Fittings	202286L-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202286L-SS-QC
DS - 500 cc	O <sub>2</sub> : 665 cc H <sub>2</sub> O*: 13.6 g HC**: 16.0 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	1.2 SLPM	3.85 SLPM***	NO	13.8 bar / 200 psig	5 cm x 35 cm	1/8 in Brass Compression Fittings	202285D-B
								1/8 in Stainless Steel Compression Fittings	202285D-SS
								1/4 in Brass Compression Fittings	202286D-B
								1/4 in Stainless Steel Compression Fittings	202286D-SS
							5 cm x 41 cm (35 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202285D-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202285D-SS-QC
								1/4 in Brass Quick Connect Fittings	202286D-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202286D-SS-QC
XLS - 750 cc	O <sub>2</sub> : 1000 cc H <sub>2</sub> O*: 20.4 g HC**: 23.8 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	1.85 SLPM	5.77 SLPM***	NO	13.8 bar / 200 psig	5 cm x 50 cm	1/8 in Brass Compression Fittings	202285XL-B
								1/8 in Stainless Steel Compression Fittings	202285XL-SS
								1/4 in Brass Compression Fittings	202286XL-B
								1/4 in Stainless Steel Compression Fittings	202286XL-SS
							5 cm x 56 cm (50 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202285XL-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202285XL-SS-QC
								1/4 in Brass Quick Connect Fittings	202286XL-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202286XL-SS-QC

\* Water capacity based on an inlet moisture concentration of 200 ppmv

\*\* Hydrocarbons heavier than C4

\*\*\* For high flow applications, contact sales@chromres.com

# ZPure™ PolyGas II Purifiers

The ZPure PolyGas II Purifier removes water CO<sub>2</sub>, halogenated compounds, siloxanes, hydrocarbons heavier than butane, sulfur-containing molecules, ammonia and other gases . It can be used to purify inert gases, He, Ar, N<sub>2</sub>, and H<sub>2</sub>, and clean dry air (CDA), to low-ppb levels. A common application is for conditioning the hydrogen and zero air lines used with GC flame ionization detectors. It is available in 4 sizes of stainless steel cylinders ranging from 130 cc to 750 cc. The ZPure PolyGas II Purifier is available with standard compression fittings and quick connect fittings offered in 1/4" and 1/8" brass and stainless steel.

	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
130 cc	H <sub>2</sub> O*: 6.5 g HC**: 5.8 g	H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	1 SPLM	5 SLPM***	NO	68.9 bar / 1000 psig	3.2 cm x 28 cm	1/8 in Brass Compression Fittings	202287-B
								1/8 in Stainless Steel Compression Fittings	202287-SS
								1/4 in Brass Compression Fittings	202288-B
								1/4 in Stainless Steel Compression Fittings	202288-SS
						13.8 bar / 200 psig	3.2 cm x 34 cm (28 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202287-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202287-SS-QC
								1/4 in Brass Quick Connect Fittings	202288-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202288-SS-QC
LS - 475 cc	H <sub>2</sub> O*: 22.4 g HC**: 21.1 g	H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	3.7 SLPM	18 SLPM***	NO	68.9 bar / 1000 psig	3.8 cm x 57 cm	1/8 in Brass Compression Fittings	202287L-B
								1/8 in Stainless Steel Compression Fittings	202287L-SS
								1/4 in Brass Compression Fittings	202288L-B
								1/4 in Stainless Steel Compression Fittings	202288L-SS
						13.8 bar / 200 psig	3.8 cm x 63 cm (57 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202287L-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202287L-SS-QC
								1/4 in Brass Quick Connect Fittings	202288L-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202288L-SS-QC
DS - 500 cc	H <sub>2</sub> O*: 23.6 g HC**: 22.3 g	H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	3.8 SLPM	19 SLPM***	NO	13.8 bar / 200 psig	5 cm x 35 cm	1/8 in Brass Compression Fittings	202287D-B
								1/8 in Stainless Steel Compression Fittings	202287D-SS
								1/4 in Brass Compression Fittings	202288D-B
								1/4 in Stainless Steel Compression Fittings	202288D-SS
							5 cm x 41 cm (35 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202287D-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202287D-SS-QC
								1/4 in Brass Quick Connect Fittings	202288D-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202288D-SS-QC
XLS - 750 cc	H <sub>2</sub> O*: 35.3 g HC**: 33.5 g	H <sub>2</sub> O*: < 20 ppb HC**: < 5 ppb	5.8 SLPM	29 SLPM***	NO	13.8 bar / 200 psig	5 cm x 50 cm	1/8 in Brass Compression Fittings	202287XL-B
								1/8 in Stainless Steel Compression Fittings	202287XL-SS
								1/4 in Brass Compression Fittings	202288XL-B
								1/4 in Stainless Steel Compression Fittings	202288XL-SS
							5 cm x 56 cm (50 cm w/o fittings)	1/8 in Brass Quick Connect Fittings	202287XL-B-QC
								1/8 in Stainless Steel Quick Connect Fittings	202287XL-SS-QC
								1/4 in Brass Quick Connect Fittings	202288XL-B-QC
								1/4 in Stainless Steel Quick Connect Fittings	202288XL-SS-QC

\* Water capacity based on an inlet moisture concentration of 200 ppmv

\*\* Hydrocarbons heavier than C4

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