

## ZPure™ M Filters

ZPure Gas Filters are the core of our broad filter program and represent the highest quality of purifiers we manufacture. The ZPure M Filters are 3800 cc canisters that have the benefits of higher flow rates, larger capacities. The canister is made from 316 stainless steel and has stainless steel fitting options in 1/2" VCR fittings, 1/4" compression, and 1/4" quick connect fittings.

ZPure M Filters are available in contaminant specific filters for hydrocarbons, moisture, and carbon dioxide, as well as several that remove combinations of these impurities including an oxygen/moisture combo and the PolyGas II Purifier.



### ZPure M HC

3800 cc	Capacity	Maximum Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	HC*: 327 g	HC*: 1060 g	< 5 ppb	30 SLPM	200 SLPM†	150 psi for Air, N <sub>2</sub> , or inert gases 80 psi for H <sub>2</sub> or O <sub>2</sub>	10 cm x 64 cm	1/2" Stainless Steel VCR Fittings (male inlet; female outlet)	202232M-V
								1/4" Stainless Steel Compression Fittings	202233M-SS
								1/4" Stainless Steel Quick Connect Fittings	202233M-SS-QC

### ZPure M H<sub>2</sub>O

3800 cc	Capacity	Maximum Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	H <sub>2</sub> O**: 369 g	H <sub>2</sub> O**: 640 g	< 5 ppb	30 SLPM	200 SLPM†	150 psi for Air, N <sub>2</sub> , or inert gases 80 psi for H <sub>2</sub> or O <sub>2</sub>	10 cm x 64 cm	1/2" Stainless Steel VCR Fittings (male inlet; female outlet)	202230M-V
								1/4" Stainless Steel Compression Fittings	202231M-SS
								1/4" Stainless Steel Quick Connect Fittings	202231M-SS-QC

### ZPure M CO<sub>2</sub>

3800 cc	Capacity	Maximum Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	CO <sub>2</sub> ***: 300 g	CO <sub>2</sub> ***: 564 g	< 5 ppb	< 20 SLPM	Contact Manufacturer	150 psi for Air, N <sub>2</sub> , or inert gases 80 psi for H <sub>2</sub> or O <sub>2</sub>	10 cm x 64 cm	1/2" Stainless Steel VCR Fittings (male inlet; female outlet)	202212M-V

### ZPure M PolyGas II

3800 cc	Capacity	Maximum Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	H <sub>2</sub> O**: 180 g HC*: 159 g	H <sub>2</sub> O**: 281g HC*: 530 g	H <sub>2</sub> O: < 20 ppb HC: < 5 ppb	30 SLPM	100 SLPM †	150 psi for Air, N <sub>2</sub> , or inert gases 80 psi for H <sub>2</sub> or O <sub>2</sub>	10 cm x 64 cm	1/2" Stainless Steel VCR Fittings (male inlet; female outlet)	202287M-V
								1/4" Stainless Steel Compression Fittings	202288M-SS
								1/4" Stainless Steel Quick Connect Fittings	202288M-SS-QC

### ZPure M O<sub>2</sub> / H<sub>2</sub>O

3800 cc	Capacity	Maximum Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	O <sub>2</sub> : 8100 cc H <sub>2</sub> O**: 129 g	O <sub>2</sub> : 13658 cc H <sub>2</sub> O**: 196 g	O <sub>2</sub> : < 5 ppb H <sub>2</sub> O: < 20 ppb	14 SLPM	40 SLPM †	150 psi for N <sub>2</sub> , or inert gases 80 psi for H <sub>2</sub>	10 cm x 64 cm	1/2" Stainless Steel VCR Fittings (male inlet; female outlet)	202295M-V
								1/4" Stainless Steel Compression Fittings	202296M-SS
								1/4" Stainless Steel Quick Connect Fittings	202296M-SS-QC

\* Hydrocarbons (C5 and heavier); capacity based on 0.05 % pentane inlet concentration

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

\*\*\* Capacity based on an inlet CO<sub>2</sub> concentration of 400 ppm

† For high flow applications, [info@gasreiniger.de](mailto:info@gasreiniger.de)