



CRS Legacy Purifiers

CRS has several standard in-line purifiers that are known as the Legacy Line. They are sturdy metal cylinders that are recognized for their high pressure ratings, large capacities, and exceptional efficiency. Available models include the Model 1000 for oxygen removal, the Model 500 for moisture removal, the Model 300 for hydrocarbon removal, and the CO₂ Filter that removes carbon dioxide from the gas stream.

Model 1000

500 CC	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	O ₂ : 2500 cc	< 10 ppb	2 SLPM	10 SLPM†	HAZARDOUS UN3190	68.9 bar / 1000 psi	5 cm x 37 cm	1/8" Brass Fittings	202200-B
								1/8" Stainless Steel Fittings	202200-SS
								1/4" Brass Fittings	202202-B
								1/4" Stainless Steel Fittings	202202-SS

Model 500

500 CC	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	H ₂ O*: 47 g	< 20 ppb	2 SLPM	10 SLPM†	NO	68.9 bar / 1000 psi	5 cm x 37 cm	1/8" Brass Fittings	202270-B
								1/8" Stainless Steel Fittings	202270-SS
								1/4" Brass Fittings	202272-B
								1/4" Stainless Steel Fittings	202272-SS

Model 300

500 CC	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	HC**: 45 g	< 5 ppb	2 SLPM	10 SLPM†	NO	68.9 bar / 1000 psi	5 cm x 37 cm	1/8" Brass Fittings	202330-B
								1/8" Stainless Steel Fittings	202330-SS
								1/4" Brass Fittings	202332-B
								1/4" Stainless Steel Fittings	202332-SS

CO₂ Filter

500 CC	Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
	CO ₂ : 51†-100# g	< 5 ppb	2 SLPM	10 SLPM†	HAZARDOUS UN1823	68.9 bar / 1000 psi	5 cm x 37 cm	1/8" Brass Fittings	202350-B
								1/8" Stainless Steel Fittings	202350-SS
								1/4" Brass Fittings	202352-B
								1/4" Stainless Steel Fittings	202352-SS

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

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

‡ For high flow applications, contact Sales@ChromRes.com

† Capacity based on an inlet CO₂ concentration of 400 ppm

Higher CO₂ capacity can be achieved for higher inlet concentrations of CO₂