



CRS AFS Purifiers

A high-capacity gas purifying system that removes contaminants from inert gases and hydrogen. The AFS Purifiers can be expected to supply multiple GC Installations for an extended period of time depending on the laboratory environment. The two part system includes a small stainless steel manifold and a high capacity purifier cartridge. The manifold mounts to a laboratory wall or bench with brackets included in the installation kit and connects to the gas lines with stainless steel compression fittings.

AFS I

Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
O ₂ : 850 cc H ₂ O*: 12 g HC**: 8 g	O ₂ : < 5 ppb H ₂ O: < 20 ppb HC: < 5 ppb	0.5 SLPM	2 SLPM†	Small Quantity Exception	13.8 bar / 200 psi	30 x 5 x 5 cm	1/8" Fittings	202900
							1/4" Fittings	202902
							Replacement Cartridge	202910
							Reconditioned Cartridge	202920

AFS II

Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
H ₂ O*: 8.8 g HC**: 13 g	H ₂ O: < 20 ppb HC: < 5 ppb	0.5 SLPM	2 SLPM†	NO	13.8 bar / 200 psi	30 x 5 x 5 cm	1/8" Fittings	202903
							1/4" Fittings	202904
							Replacement Cartridge	202950
							Reconditioned Cartridge	202930

AFS III

Capacity	Efficiency	Nominal Flow Rate	Max Recommended Flow Rate	Hazardous Shipping	Max. Pressure	Approximate Dimensions	Fitting Type	Part Number
H ₂ O*: 22 g	< 20 ppb	0.5 SLPM	2 SLPM†	NO	13.8 bar / 200 psi	30 x 5 x 5 cm	1/8" Fittings	202905
							1/4" Fittings	202906
							Replacement Cartridge	202955
							Reconditioned Cartridge	202935

* 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