

Combo Valves

A new generation needle and shut-off valve provides screwdriver-adjustable control and positive shut-off without damage to the needle. It is ideal for providing hydrogen and air to an FID, since the flow setting is not changed by turning the valve on and off. It can also be used to supply make-up or combustion gas in a wide variety of applications.

The valve body materials are anodized aluminum or stainless steel, with Viton

O-ring seals. Maximum temperature is 100°C, and maximum inlet pressure is 100 psig. The valve can be panel-mounted in an 11/16" or 3/4" hole, using hardware supplied, and all are supplied with Valco 1/16" ZDV fittings. Other configurations are available in OEM quantity upon request.

The standard knob is silver-colored and .62" long. Colored knobs for gas identification are available separately, in two lengths.

Combo valves

Maximum flow @ 40 psi He or N ₂	Aluminum body <i>Prod No</i>	Stainless body <i>Prod No</i>	SPECS Inlet pressure: 100 psi Maximum temperature: 100°C
10 ml/min	CNV1A10S1	CNV1S10S1	
50 ml/min	CNV1A50S1	CNV1S50S1	
150 ml/min	CNV1A150S1	CNV1S150S1	
250 ml/min	CNV1A250S1	CNV1S250S1	
500 ml/min	CNV1A500S1	CNV1S500S1	

Optional colored knobs	Standard (.62") <i>Prod No</i>	Long (1.25") <i>Prod No</i>
Green	CNVEKG	CNVEKLG
Red	CNVEKR	CNVEKLR
Blue	CNVEKU	CNVEKLU
Silver	CNVEKS	CNVEKLS
Black	CNVEKB	CNVEKLB

