

AV Series Single Control Gas Oven Valve

DESCRIPTION

The AV Series gas safety control valve is a snap-acting, thermally actuated bimetal valve. It is engineered to ensure safe and efficient operation primarily in the oven segment of the residential gas cooking appliance market. Designed for reliability across a variety of appliance types, it provides rapid shutoff in response to power conditions, enhancing user safety and appliance performance.

Valves are available in two styles-single operator and dual operator-depending on the features of the oven or range. There are also multiple configuration, fitting and bracket options.

SPECIFICATIONS

Certifications: ANSI Z21.21/CSA 6.5 Automatic Valves for Gas Appliances

Ambient Temperature Range: 0°F to 300°F

Rated Inlet Pressure: 1/2 psi

Mounting Position: multi-positional



Figure 1: Single Gas Valve (AV21, AV23)

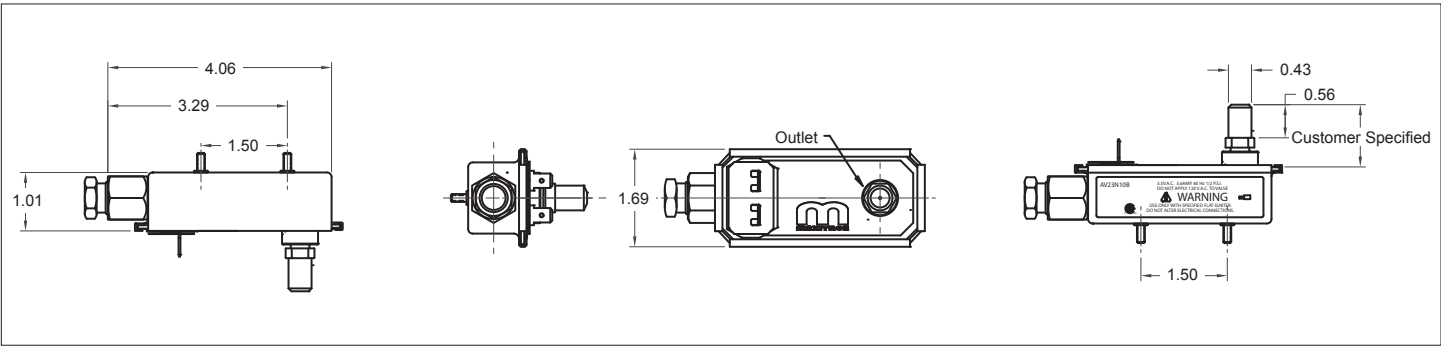


Figure 2: Valve Dimensions

Part Number	Description	Inlet Connection	Outlet Connection	Mounting Type	Terminals	Ignition System	Electrical Rating	Inlet/Outlet Screen	Capacity
AV21N10B-L6H	Single Gas Valve	3/8" Loxit	Orifice	#8-32 Stud	1/4" Male	CoorsTek (Norton) 501	3 VAC @ 3.3-3.6 Amps	Inlet Only	32,000 Btu/h @ 0.64 sp gr gas
AV21N10E-L6H			Orifice		3/16" Male				
AV21N10B-L6L6			3/8" Loxit		1/4" Male				
AV21N10E-L6L6			3/8" Loxit		3/16" Male				
AV21N10B-L6C6			3/8" x 45 SAE Flare		1/4" Male				
AV21N10E-L6C6			3/8" x 45 SAE Flare		3/16" Male				
AV23N10B-L6H			Orifice		1/4" Male			Inlet & Outlet	25,000 Btu/h @ 0.64 sp gr gas
AV23N10E-L6H			Orifice		3/16" Male				
AV23N10B-L6L6			3/8" Loxit		1/4" Male				
AV23N10E-L6L6			3/8" Loxit		3/16" Male				
AV23N10B-L6C6			3/8" x 45 SAE Flare		1/4" Male				
AV23N10E-L6C6			3/8" x 45 SAE Flare		3/16" Male				

Table 1: Specifications