

Merlin6INF Solenoid Valve



Merlin6INF

2-way, internally piloted, normally closed solenoid valve with assisted lift.

Fluid

> Fuel Gas - Use with natural, mixed, manufactured, or LP gas.

Specifications

> Opening Time: 27 second max.

> Closing Time: 1 second max.

> Enclosure: Type 4 Watertight standard

> Type 7 Explosion proof optional

> Ambient Temperature: -40°F to 150°F (-40°C to 66°C)

> Body Class: Cast Iron, 2" to 3": 250# screw, 4" - 6": 125# flanges

> Pipe Taps: 1/4" upstream & downstream taps for routine leak testing

Electrical

> Power Requirement: 324 VA

> Standard Voltage: 120V/60Hz

Installation

> Multi-prise, may be mounted in any position.

Approvals

> UL Listed

> FM Approved

> CSA Certified to:

- 1) Automatic Gas Safety Shutoff Valves C/I (3.9), File 113070.

Specifications (English units)

Pipe Size (in)	Cv Flow Factor	Gas Capacity ①	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Catalog Number ②	Const. Ref.	Agency			Opening Time (Sec.)	Approx. Shipping Weight (lbs)
		Cu.Ft/hr.	Min.	Max.				UL	FM	CSA		
COMBUSTION (Fuel Gas) - Normally Closed												
Valve Seal Overtravel Trim (Proof of Closure)												
6" (Flange)	510	27,000	0	50	150	MERLINGINF	4	Y	Y	Y	27	143



Gas Safety Systems

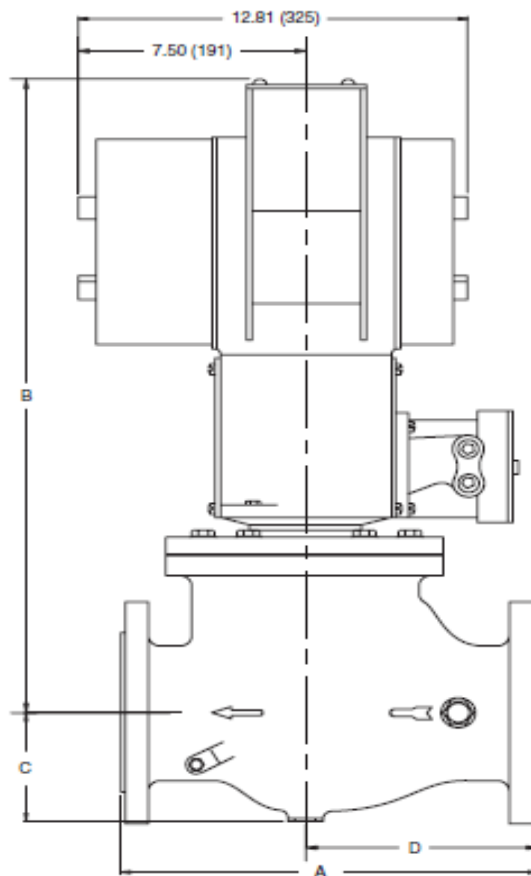
American Gas Safety, LLC. 4500 140th Ave N. Suite 101. Clearwater, FL 33672 T.(727) 608-4375 F.(727) 538-4237 www.americangassafety.com

Utility Control

Merlin6INF Solenoid Valve

Dimensions inches (mm)

Const Ref.		A	B	C	D
4	in	17.81	29.75	5.13	10.35
	mm	452	756	130	263



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