# Powermite 656 Series Globe

# **Two-Way Valves**

1/2" Flared Type Normally Open or Normally Closed





656 Powermite Two-Way Normally Open Valve.

656 Powermite Two-Way Normally Closed Valve.

## Description

Designed to control the flow of both water and steam, the Powermite 656 Series Powermite Two-way Valves are available with normally open or normally closed action.

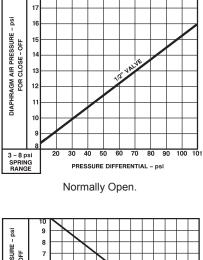
#### **Features**

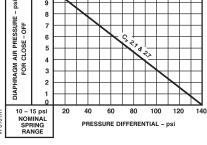
- Modified equal percentage throttling characteristics
- · Replaceable disc for tight shutoff
- · Dual sealing feature for the valve stem
- Disassembly of the valve top, inspection, and upper packing replacement without system shutdown or valve body removal
- Actuator can be rotated to facilitate piping control air from different directions

#### **Applications**

The Powermite 656 Series Valves are recommended for use with hot or chilled water and steam for control of convectors, fan coil units, radiation, reheat coils, and similar terminal unit applications. The dual sealing packed design is excellent for applications for higher-pressure systems encountered in high rise buildings. The compact size is excellent for use when space is limited.

# Nominal Close-off Ratings





Normally Closed.

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#### 656 Powermite Two-Way Specifications

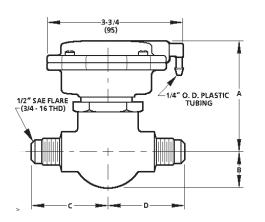
Valve Size	1/2" (15 mm)				
Valve Body Style	Flared End				
Valve Action	NO (Direct Action)/NC(Direct Action)				
Stem Travel	1/4" (6 mm)				
Valve Body Rating	ANSI Class 250				
Actuator Standard Spring Ranges with 10 psi (69 kPa) $ riangle$ P					
Differential Pressure					
	3 to 8 psi (21 to 55 kPa) NO				
Nominal Spring Span	5 psi (35 kPa)				

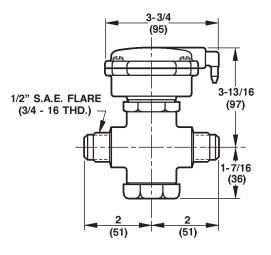
Effective Diaphragm Area	
Max. Diaphragm Pressure	30 psi (207 kPa)
Air Connection	
Controlled Medium	Water, Steam, Glycol Solution
Maximum Medium Temperature	250° F (121° C)
Maximum Inlet Pressures Water Steam	
Maximum Differential Pressure for Modulating Service Water Steam	

### 656 Powermite Two-Way Product Ordering

Valve Size	Cv	Close-offs	Spring Range	Part No.
Normally Open				
1/2" (15 mm)	0.9	95 psi (655 kPa)	3 to 8 psi (21 to 55 kPa)	656-0004
1/2" (15 mm)	2.1	95 psi (655 kPa)	3 to 8 psi (21 to 55 kPa)	656-0002
Normally Closed				
1/2" (15 mm)	2.1	140 psi (965 kPa)	10 to 15 psi (69 to 103 kPa)	656-0012

## **Dimensions and Weights**





Dimensions shown in inches (mm).

		Dimensions				
Valve Size	Valve Action	Α	В	С	D	Weight
1/2"	Normally Open	3-3/16" (81 mm)	1" (25 mm)	2" (51 mm)	2" (51 mm)	2.2 lb.(1.0 kg)
1/2"	Normally Closed	3-13/16" (97 mm)	1-7/16" (36 mm)	2" (51 mm)	2" (51 mm)	2.2 lb.(1.0 kg)

#### Accessories & Service Kits

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A-257

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