## **Two-Way Angle Union Valves**

1/2 to 3/4" Angle Female x Union Male Normally Open



656 Powermite Two-Way Normally Open Valve with Angle Union Outlet.

### **Description**

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

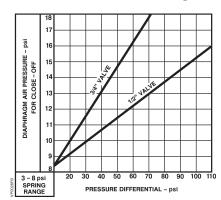
#### **Features**

- Enclosed actuator housing to protect components
- Small size allows easier installation in tight spaces
- Replaceable soft disc provides tight shut-off
- · Dual sealing feature for the valve stem
- Actuator can be rotated to facilitate piping control from different directions
- Stainless steel valve stem to reduce friction and corrosion

### **Applications**

The Powermite 656 Series Angle Union Valves are recommended for control of hot or chilled water or steam for controlling convectors, fan coil units, radiation, reheat coils, and similar terminal unit applications. Designed with dual sealing packed construction, this valve can be used in systems having relatively high pressures. Typical uses are sites where efficient economical control is desired. The compact size is excellent where space is limited.

#### **Nominal Close-off Ratings**



A-240

## **656 Powermite Two-Way Specifications**

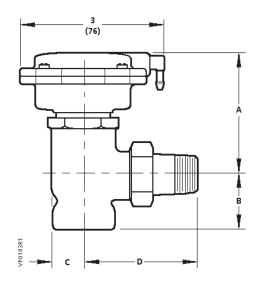
Valve Size	1/2" (15 mm), 3/4" (20 mm)
Valve Body Style	, , ,
Valve Action	•
Valve Stroke	1/4" (6 mm)
Valve Body Rating	ANSI Class 125
Diaphragm	
Effective Area	3.4 in.2 (22 cm2)
Material	Silicone Rubber
Ambient Temperature Range	30 to 160°F (-1 to +71°C)
Maximum Air Pressure	

Maximum Medium Temperature	250°F (121°C)
Controlled MediumSteam, Wate	r, Ethylene Glycol Solution
Maximum Medium Inlet Pressure	
WaterRefer t	
	in Reference Section.
Saturated Steam	15 psi (103 kPa)
Maximum Recommended Differential Pressure for Modulating Service	ire
Water	20 psi (138 kPa)
Seam	

# **656 Powermite Two-Way Product Ordering**

Valve Size	Cv	Close-offs	Spring Range	Part No.
1/2" (15 mm)	2.1	95 psi (655 kPa)	3 to 8 psi (21 to 55 kPa)	656-0017
1/2" (15 mm)	2.1	60 psi (414 kPa)	5 to 10 psi (34 to 69 kPa)	656-0019
3/4" (20 mm)	4.6	50 psi (345 kPa)	3 to 8 psi (21 to 55 kPa)	656-0018
3/4" (20 mm)	4.6	35 psi (241 kPa)	5 to 10 psi (34 to 69 kPa)	656-0021

# **Dimensions and Weights**



Dimensions shown in inches (mm).

	Dimensions				
Valve Size	Α	В	С	D	Weight
1/2" (15 mm)	2-15/16" (75 mm)	1-1/4" (32 mm)	13/16" (21 mm)	2-5/8" (67 mm)	2.2 lb. (1.0 kg)
3/4" (20 mm)	3-1/16" (78 mm)	1-5/16" (33 mm)	1-1/8" (29 mm)	2-7/8" (73 mm)	2.7 lb. (1.2 kg)

