

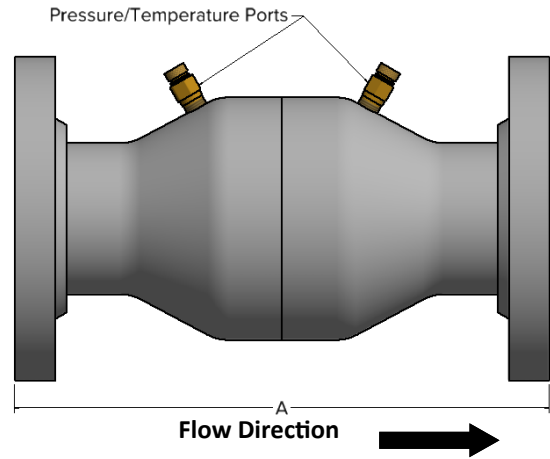


Model: Mesurflo® 2545

Sizes: 2", 2-1/2", 3" and 4"

GPM: 40.0 - 300.0

Type: Flanged Automatic Balancing Valve



Standard Features:

- Flanged Inlet/Outlet Connections
- 1.0 GPM Increments 40 - 100 GPM
- 5.0 GPM Increments 105.0 - *300.0 GPM
- Flow Cartridges are Not Changeable
- Valve is Hermetically Sealed
- Differential Operating Pressure 5-80 PSID
- ± 10% Accuracy
- Operating Temperature Range 32°F to 225°F
- 1/4" Pressure/Temperature Ports
- Valves Labeled with Model Number, Size and Flow Rate
- ASME Class 150 Flanges
- Working Pressure Rating per ASME Class 150 (Valve Body Suitable for 200 PSIG)

Options:

- Extended Pressure/Temperature Ports
- Pressure Taps
- Stainless Steel Tag-Chain Upon Request
- Consult Factory for ASME Class 300 Flange Requirements (Valve Body Suitable for 400 PSIG)
- *Flow Rates Up to 300 GPM are Available

*It is critical that the HVAC system piping is designed based upon maximum recommended velocity limits. GPM of 274 and above exceeds the maximum recommended velocity of 7 ft/sec for a 4" pipe.

SPEC - ABV - 2545 - REV02

Material Specifications	
Valve Body	Carbon Steel
Flange	Carbon Steel
Pressure/Temperature Ports	Brass
O-Rings	EPDM
Retainer Cage	Stainless Steel
Diaphragm	EPDM
Orifice	Polyphenylsulfone
Orifice Holder	Brass
Center Plate	Carbon Steel

DIMENSION "A" VARIES WITH GPM SELECTION AND VALVE SIZE		
Connection Size (in.) / Flange Diameter (in.)	Valve Length (in.) Appx.	GPM
2/6	11.0	40.0 - 100.0
2/6.6	12.0	105.0 - 175.0
2.5/7	11.3	60.0 - 100.0
	12.3	105.0 - 150.0
3/7.5	11.4	90.0 - 100.0
	12.4	105.0 - 175.0
3/8.6	13.4	180.0 - 200.0
4/9	12.6	150.0 - 175.0
	13.6	180.0 - *300.0