

34C Series Thermostatic High Capacity Mixing Valve

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Engineer:	
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DESCRIPTION

The **Apollo* MVC (34C Series) Mixing Valves** are ASSE 1017 approved thermostatic mixing valves designed for high capacity commercial and institutional "point of source" applications. Featuring ease of maintenance and "Best in Class" flow rates, they provide reliable temperature control for large hot water distribution and hydronic heating systems. Patent # US 6,328,219.

FEATURES

- Standard Mix Temp. Range (-01) & Optional Hydronic High Temp. (-H1)
- Sizes 3/4", 1", 1-1/4", 1-1/2", 2" FNPT
- Patented "Finger Grip" Pads for Easy Inline Shuttle Maintenance
- Made in USA ARRA compliant

OPTIONS

- -01 (Standard Temp 90°F 140°F)
- -H1 (Hydronic, High Temps/Non-ASSE 130°F 180°F

APPROVALS

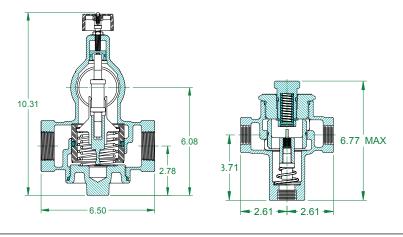
 ASSE 1017 - Temperature Actuated Mixing Valve for Hot Water Distribution Systems

STANDARD MATERIALS LIST

BODY	Bronze ASTM B584 C84400	
THERMOSTAT	Copper / Wax Filled	
SHUTTLE CARTRIDGE	Glass Filled Noryl	
STEM	Brass ASTM B16 C36000	
RETAINER	Brass ASTM B16 C36000	
SPRING	Stainless Steel	

DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	
MVC-34	34C-104-01	3/4" FNPT	
MVC-1	34C-105-01	1" FNPT	
MVC-114	34C-106-01	1-1/4" FNPT	
MVC-112	34C-107-01	1-1/2" FNPT	
MVC-2	34C-108-01	2" FNPT	

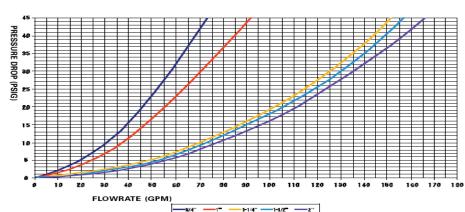


PERFORMANCE RATING

- Minimum Flow Rate: 1.0 GPM*
- Maximum Pressure: 150 psig
- Maximum Temperature:

*when the valve is installed at or near hot water source w/ recirculated tempered water with a continuously operating pump.

200°F



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