



# Model TV

## Thermostatic Mixing Valve for Hydronic Systems (34-200 Series)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

### DESCRIPTION

The Apollo® Model TV (34-200 Series) thermostatic mixing valve provides non-ASSE extension of water heater capacity and hot water temperature control in hydronic heating systems. Available in low or high temperature options for floor or baseboard applications.

### FEATURES

- Standard Temperature Range (120°F-180°F)
- Low Temperature Range (85°F-120°F) - L1 option
- Fingertip Temperature Control
- Replaceable thermal element
- Solder connections are standard
- Made in USA

### MATERIAL

Body: ASTM B584 Bronze  
 Shuttle: Scale resistant Noryl® Polymer  
 Sensor: Copper / Wax filled  
 O-ring: Chloramine Resistant EPDM  
 Spring: ASTM A313 Stainless Steel  
 Cap: ABS Polymer



### OPTIONS

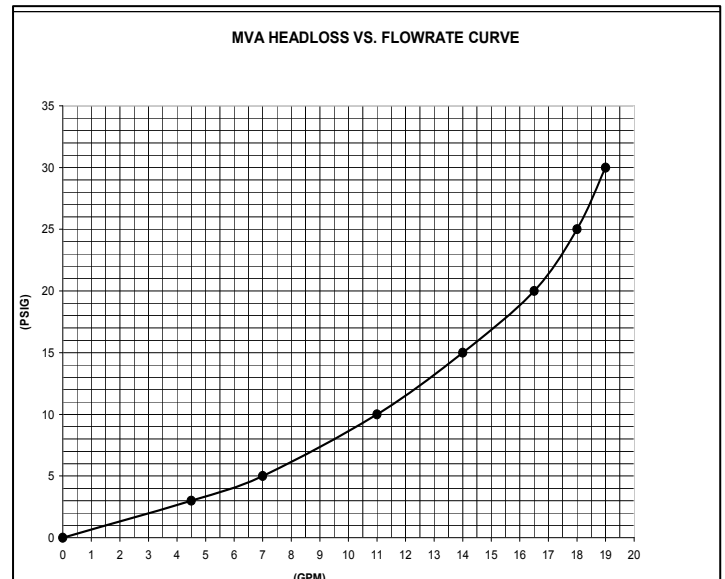
- Temperature:  85-120°F (-L1) Low temp  
 120-180°F (-01) Hydronic temp
- Size:  1/2" Solder  3/4" Solder

### DIMENSIONS

Model Number	Size (in.)	Dimensions (in.)		Weight (Lbs.)
		Height	Width	
3420301	1/2	4.45	3.75	1.4
3420401	3/4	4.47	4.00	1.46

### PERFORMANCE RATING

Maximum supply pressure = 150 psig (1034 kPa)  
 Cold water inlet temperature range = 39 – 80°F (4–27 °C)  
 Hot water inlet temperature range = 120–210°F (49–99 °C)  
 Low temp (L1) mix range = 85 -120°F (30-49°C)  
 High temp (01) mix range = 120-180°F (49-82°C)  
 Minimum differential inlet hot / outlet mix temp = 15°F  
 Mixed water temperature tolerance = ±7 °F (1.7 °C)



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