



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

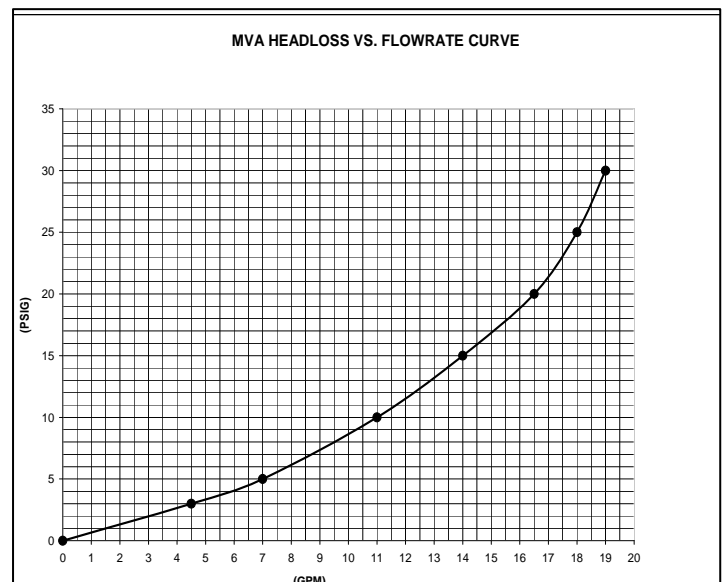
Temperature: ☐ 85-120°F (-L1) Low temp
☐ 120-180°F (-01) Hydronic temp
 Size: ☐ 1/2" Solder ☐ 3/4" Solder

DIMENSIONS

Model Number	Size (in.)	Dimensions (in.) Height Width	Weight Lbs.
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)



Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28106 USA; www.apollovalves.com ; 704-841-6000

This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.