

# Thermostatic Radiator Valves and Actuators

## V135 Thermostatic Mixing or Diverting Valves



**Thermostatic Mixing or Diverting Valves for use in hydronic heating systems as a three-way mixing or diverting valve; controls loop temperature in radiant heating systems.**

- Includes plastic handle for manual operation.
- Knurled ring on T100R control head for easy attachment to V135.

**Application:** Thermostatic mixing/diverting valve for use in hydronic heating systems. Controls loop temperature in radiant heating systems.

**Capacity:** Standard

**Materials (Body):** Bronze

**Differential Pressure Rating:** 17 psi maximum

**Pressure Ratings (Steam):** 232 psi maximum (1601 kPa)

**Temperature Rating:** 248 F Maximum (120 C Maximum)

**Collar Diameter:** 1 3/16 in. (30 mm)

Product Number	Dimensions, Approximate		Pipe Size		Body Pattern	Capacity (Cv)	Connection Type	Used With
	inch	mm	inch	DN				
V135A1006	2 9/16 in. x 5 1/8 in.	64 mm x 128 mm	3/4 in.	DN20	Three-way	3.7 Cv	Sweat	T100R
V135A1014	2 15/16 in. x 5 13/16 in.	74 mm x 148 mm	1 in.	DN25	Three-way	5.8 Cv	Sweat	T100R
V135A1022	3 3/4 in. x 7 1/8 in.	95 mm x 180 mm	1 1/4 in.	DN32	Three-way	5.8 Cv	NPT	T100R
V135A1048	3 3/4 in. x 7 3/8 in.	95 mm x 188 mm	1 1/2 in.	DN40	Three-way	11.7 Cv	NPT	T100R
V135A1063	3 3/8 in. x 6 3/8 in.	86 mm x 162 mm	1 1/4 in.	DN32	Three-way	5.8 Cv	Sweat	T100R

## T100R Thermostatic Mixing or Diverting Valve Actuator



**For use in hydronic heating systems with V135 Valves in a three-way mixing or diverting application. Controls loop temperature in radiant heating systems.**

- T100R Thermostatic Actuator includes strap-on-pipe sensor.
- Knurled ring on T100R control head for easy attachment to V135.

**Application:** Three-way mixing and diverting applications in hydronic heating systems requiring remote sensing

**Used With Valve:** V135

**Collar Diameter:** 1 3/16 in. (30 mm)

Product Number	Application Type	Capillary Length		Temperature Range		Sensor	Setpoint
		(ft)	(m)	(F)	(C)	Integral or Remote	
T100R1004	Thermostatic Radiator Controller for use with V135 valve body for diverting or mixing applications.	6 ft. 8 in.	2 m	50 F to 122 F	10 C to 50 C	Remote	Remote
T100R1012	Thermostatic Radiator Controller for use with V135 valve body for diverting or mixing applications.	6 ft. 8 in.	2 m	86 F to 158 F	30 C to 70 C	Remote	Remote

## V135 Thermostatic Mixing or Diverting Valves Replacement Cartridges

Product Number	Application	Pipe Size (inch)	Description	Used With
V135A-12VE	Accessory or Replacement Part	3/4 in.; 1/2 in.	Replacement cartridge for V135A 1/2 in. and 3/4 in. models	V135
V135A-1VE	Accessory or Replacement Part	1 1/4 in.; 1 in.	Replacement cartridge for V135A 1 in. and 1 1/4 in. models	V135