

### Operation

The EDV is a twin seat valve with an intermediate cone of EPDM rubber that closes flow to both gates at the end position and directs flow as required. This valve can be used with any of the Macon electric or nonelectric thermostats.

### Areas of Use

Three way valves are designed for mixing or diverting flows in various water based heat or cooling transmission systems, such as radiator loops, floor heating, heat exchangers, solar heat collectors, water heaters, etc.

### Features

- Forged brass construction
- Compact dimensions
- Replaceable insert
- Stainless steel spindle
- Easy one-trade installation
- Electric or non-electric - fully automatic
- Provides constant temperature
- Actuators can be changed without draining of the system
- Shipped with a protective cap that can be used to control the unit during installation period
- Four temperature ranges available. See chart.

### RECCOMENDED OPERATOR\*

Temp Range	Operators	
	Remote Dial, Remote Sensor	Direct Mount w/ Remote Sensor
56° - 83°F	ENTL/Z-T1	EVO-Z-T1
68° - 108°F	ENTL/Z-T2	EVO-Z-T2
95° - 131°F	ENTL/Z-T3	EVO-Z-T3
122° - 158°F	ENTL/Z-T4	EVO-Z-T4

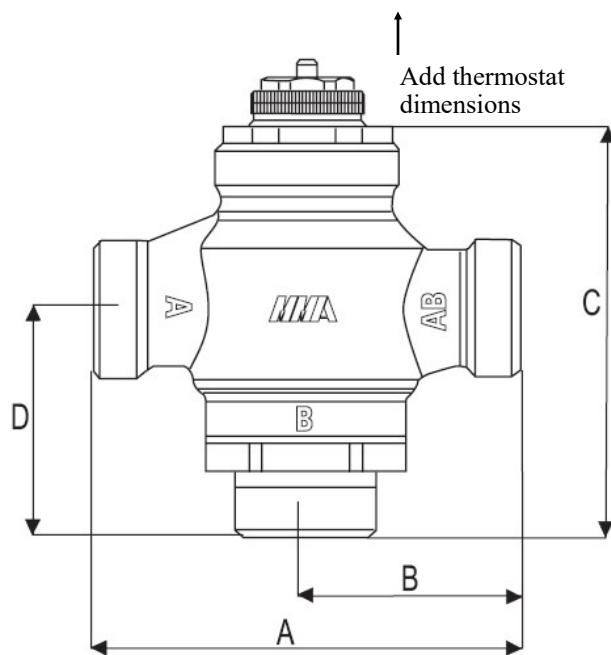
\*Thermostatic Operators sold separately.

### DIMENSIONS

	EDV-050	EDV-075
A	2-1/5"	2-1/5"
B	1"	1"
C	2-3/5"	2-3/5"
D	1-1/2"	1-1/2"



EDV-050 1/2"  
EDV-075 3/4"



### Sweat Couplings

1/2"	1-1/4" O.A. Length
3/4"	1-1/2" O.A. Length



**Data - Macon Thermostatic Diverter/Mixing Valve**

Maximum static pressure: 145 psig

Maximum water temperature: 250°F

Cv-value

 $1/2 = 2.0$ 
 $3/4 = 3.2$ 

P-band at

temperature range T-1: 56°-83°F

temperature range T-2: 68°-108°F

temperature range T-3: 95°-131°F

temperature range T-4: 122°-158°F

Body sizes: 1/2" and 3/4"

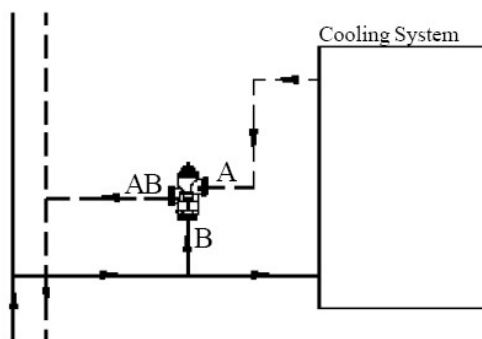
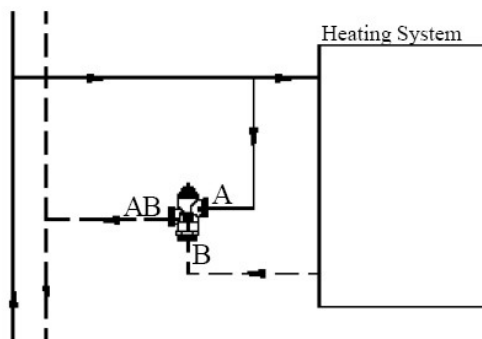
Body material: Forged brass

Disc material: EPDM

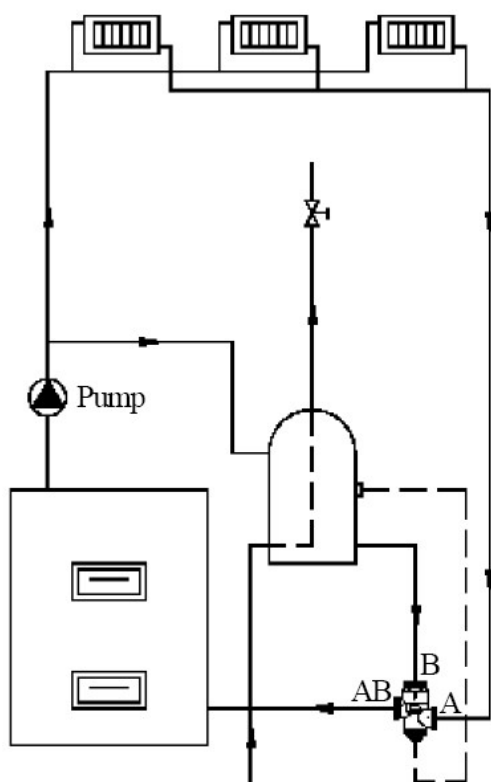
Body tappings: Female sweat inlets and outlet

**NOTE: See chosen thermostat for control data**

## INSTALLATION EXAMPLES



Example of DHW-cyl. control



Example of radiator circuit control

