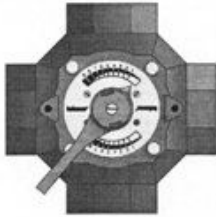


# tekmar® - Data Brochure

4 - Way Mixing Valves 016 - 023 (formerly types 116 - 123)

D 016

7/93



## tekmar 4-Way Mixing Valves

These precision mixing valves, designed to be operated by a tekmar Actuating Motor 010 or 216, are of highest quality and are built for long trouble free service. Since they have cast iron bodies, they should only be used in properly treated "closed" heating systems.

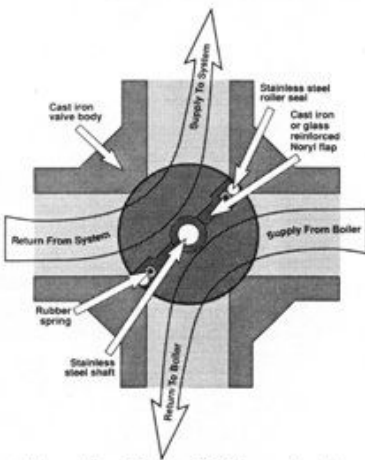
When the valve is in the fully open position, 100% of the boiler supply water is sent into the heating system and 100% of the heating system return water is returned to the boiler. When the valve is in the fully closed position, 100% of the boiler supply water is sent back to the boiler and 100% of the heating system return water is sent back to the system. Mixing of the water takes place when the valve is in any intermediate position.

type 016 — 1" female NPT  
 type 017 — 1-1/4" female NPT  
 type 018 — 1-1/2" female NPT  
 type 019 — 2" female NPT

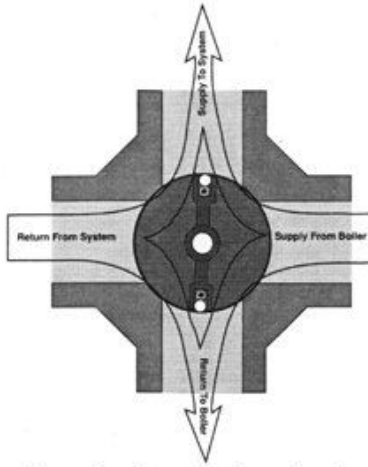
*Includes mixing valve and handle*

type 021 — 2-1/2" flanged  
 type 022 — 3" flanged  
 type 023 — 4" flanged

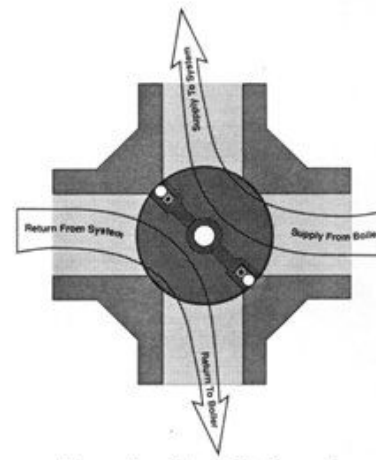
*Includes mixing valve and handle, Butt-welded flanges, Gaskets, nuts and bolts*



Flow direction with the valve in the 100% closed position



Flow direction with the valve in an intermediate (mixing) position



Flow direction with the valve in the 100% open position

## Performance Curves

