

## 1" Thermal Mixing Valve with Union

Submittal information  
Revision B: May 10, 2019

### Project information

Job name:

Location:

Engineer:

Contractor:

Manufacturer's representative:

Part no. ordered:

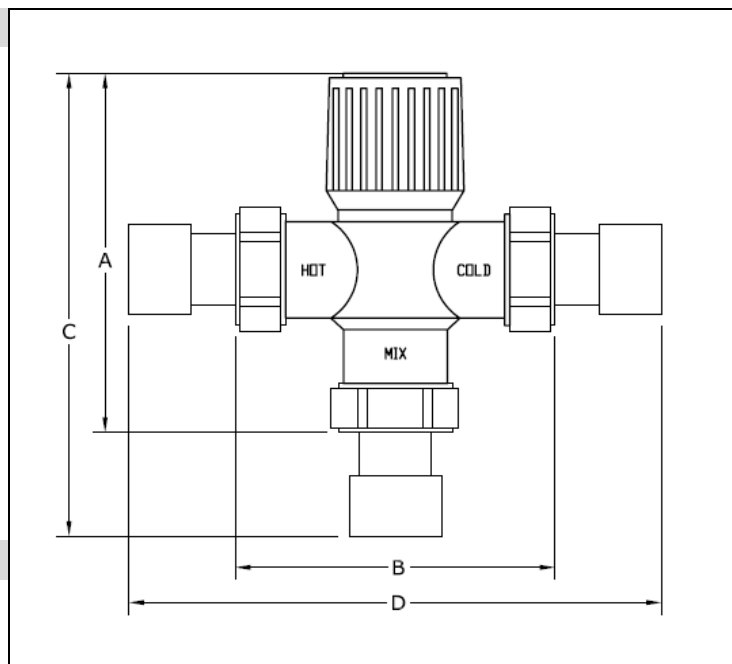
Date submitted:

Submitted by:

Approved by:

### Technical data

|  |  |
|--|--|
| Body material:                                   | Forged low-lead brass (CW510L)               |
| Spring material:                                 | Stainless steel                              |
| Seals material:                                  | EPDM   |
| Minimum flow rate:                               | 1.6 gallons per minute (gpm) / 6 liters/min. |
| Mixed outlet temperature:                        | 104°F to 167°F (40°C to 75°C)                |
| Minimum cold inlet temperature:                  | 39°F (3.9°C)                                 |
| Maximum hot inlet temperature:                   | 185°F (85°C)                                 |
| Working pressure                                 | 30 to 150 psi (2 to 10 bar)                  |
| Maximum relationship between the inlet pressure: | 2:1  |
| Cv value:  | 2.52 (Kvs = 2.17)                            |



### Product information and application use

Thermal mixing valves thermostatically control water temperatures between 39°F (3.9°C) and 185°F (85°C). These non-corrosive, reactive valves come with either a 1" threaded or sweat connection.

| ✓ Description                              | Part number | A    | B    | C      | D     | Weight    |
|--|-------------|------|------|--------|-------|-----------|
| 1" Thermal Mixing Valve with Union         | A5402112    | 3.2" | 4.3" | 7.625" | 6.25" | 2.28 lbs. |
| 1" Union Replacement Gasket (set of three) | A5400012    | N/A  | N/A  | N/A    | N/A   | 0.01 lbs. |

### Installation

This product should be installed by qualified personnel in accordance with local codes and ordinances. It is the responsibility of the installer to properly select, install and adjust this device as specified in the instructions enclosed with the product.

### Standards

ASSE 1016-T; ASSE 1017

### Codes

N/A

### Listings

N/A

### Related applications

Radiant heating and cooling systems

### Contact information

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