



# Series 61 Thermostatic Water Controller

## Unit No. 84010



Certified to  
CSA B125.3

ASSE Lead Free  
Certified

ASSE 1017 Approved



Exposed mixing valve shall be of the thermostatic type with liquid-filled motor. In the event of interruption of hot or cold water supply or thermostat failure, the valve shall be designed to restrict flow by use of a sliding piston control mechanism with reverse seat closure. The valve shall maintain output temperature for changes in inlet pressures or temperature. Valve construction shall have bronze body and stainless steel piston and liner. Piped and cabinet assemblies which have a downstream shutoff device shall include union end stop and check valves with removable strainer on each inlet.

Unit is completely assembled as shown. Includes dial thermometer shut-off valve and vacuum breaker on tempered water outlet.

Units specified as polished chrome shall be polished chrome on all external surfaces. Rough chrome unions and ball valves.

**FINISH:** Bronze  Valve 1/2"   
Polished Chrome  3/4"   
Other

In Cabinet  Without Cabinet

If in cabinet, specify:

Stainless Steel  Recessed   
Carbon Steel  Semi-Recessed   
Surface

**NOTE:** All cabinets include lock with two keys. For specifications on security cabinets, contact factory.

### DIMENSIONS:

| Valve No. | A<br>N.P.T. | B<br>N.P.T. | C      |
|-----------|-------------|-------------|--------|
| 61-10     | 1/2"        | 1/2"        | 8 1/2" |
| 61-15     | 1/2"        | 1/2"        | 8 1/2" |
| 61-25     | 3/4"        | 3/4"        | 8 5/8" |

### CAPACITIES - SERIES 61

| Pressure Drop PSI   | 5                   | 10  | 20  | 30  | 45 | 60 | 80 |
|---------------------|---------------------|-----|-----|-----|----|----|----|
| <b>Valve Number</b> | <b>Capacity-GPM</b> |     |     |     |    |    |    |
| 61-10               | 2.5                 | 3.5 | 5.5 | 8.0 | 10 | 12 | 14 |
| 61-15               | 3.5                 | 5.5 | 8.5 | 11  | 15 | 18 | 20 |
| 61-25               | 6.0                 | 10  | 14  | 18  | 25 | 30 | 34 |

### CAPACITIES - LPM SERIES 61

| Pressure Drop PSI   | 5                   | 10   | 20   | 30   | 45   | 60   | 80   |
|---------------------|---------------------|------|------|------|------|------|------|
| <b>Valve Number</b> | <b>Capacity-LPM</b> |      |      |      |      |      |      |
| 61-10               | 9.4                 | 13.2 | 22.8 | 30.3 | 37.8 | 45.4 | 53   |
| 61-15               | 13.2                | 20.8 | 32   | 41.6 | 56.7 | 68   | 75.7 |
| 61-25               | 22.7                | 37.8 | 53   | 68   | 94.6 | 113  | 128  |

Minimum flow for 61-10 & 61-15 is 1/2 Gallon Per Minute  
Minimum flow for 61-25 is 1 Gallon Per Minute

### CABINET SPECIFICATIONS:

|           | Stainless                     | Carbon Steel            |
|-----------|-------------------------------|-------------------------|
| Body:     | 18 Ga.                        | 16 Ga.                  |
| Door:     | 18 Ga.                        | 16 Ga.                  |
| Material: | Type 304 with<br>No. 4 Finish | Baked enamel<br>painted |

Hinge: Left side, piano type  
See cabinet data sheet ENG. NO. 8221



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Design and specification subject to change without notice.