



CSI: DIVISION: 22 00 00 — PLUMBING  
Section: 22 11 16 — Domestic Water Piping  
Section: 22 09 00 — Instrumentation and Control for Plumbing

### Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: THERMOSETTER – Thermal Balancing Valve  
SINKMIXER – Thermostatic Mixing Valve  
ISOLATION BALL VALVE  
RPZ- Reduced Pressure Principle Backflow Preventers  
PRESCAL HP – Piston Type Pressure Reducing Valve

Listee: CALEFFI North America, Inc.  
3883 W. Milwaukee Road  
Milwaukee, WI 53208  
[www.caleffi.us](http://www.caleffi.us)

### Compliance with the following standards:

NSF/ANSI/CAN 61-2021, Drinking Water System Component – Health Effects

### Identification:

Each valve shall be permanently and legibly marked with the manufacturer's name or trademark, or in case of private labelling, the name, trademark or other mark of the customer for who the product is manufactured, nominal size, and the ICC-ES PMG listing mark.

### Installation:

The valves recognized in this listing shall be installed in accordance with the manufacturer's instructions and the requirements of the IPC and UPC.

### Models:

The THERMOSETTER™ adjustable thermal balancing valve is used for automatic balancing of recirculation loops in domestic hot water systems. The internal thermostatic balancing cartridge automatically modulates flow to ensure a constant temperature in the recirculation piping system. The following models comply with NSF/ANSI 61 rated for commercial hot 180 °F (82°C) application.

Model Number	Product Description and Size
1161_0A	Thermal balancing valve, size ½" & ¾"NPT female
1161_0AC	Thermal balancing valve with check valve, size ½" & ¾"NPT female
1161_1A	Thermal balancing valve with temperature gauge, size ½" & ¾"NPT female
1161_1AC	Thermal balancing valve with temperature gauge and check valve, size ½" & ¾" NPT female
1162_A	Thermal balancing valve, with thermostatic bypass cartridge and temperature gauge, size ½" & ¾"NPT female
1162_AC	Thermal balancing valve, with thermostatic bypass cartridge and temperature gauge and check valve, size ½" & ¾"NPT female
1163_A	Thermal balancing valve, with actuator bypass valve and temperature gauge, size ½" & ¾"NPT female
1163_AC	Thermal balancing valve, with actuator bypass valve and temperature gauge and check valve, size ½" & ¾"NPT female
1164_0A	Thermal balancing valve, compact, 1/2" and 3/4" FNPT
1164_0AC	Thermal balancing valve, compact, 1/2" and 3/4" FNPT, check
1164_1A	Thermal balancing valve, compact, 1/2" and 3/4" FNPT, gauge
1164_1AC	Thermal balancing valve, compact, 1/2" and 3/4" FNPT, check, gauge
116640A	½" FNPT, gauge, 140 deg dis. cartridge
116640AC	½" FNPT, gauge, 140 deg dis. cartridge, check
116650A	¾" FNPT, gauge, 140 deg dis. cartridge
116650AC	¾" FNPT, gauge, 140 deg dis. cartridge, check
116160A	New 1" ThermoSetter body, 1" FNPT
116160AC	New 1" ThermoSetter body, 1" FNPT, check
116161A	New 1" ThermoSetter body, 1" FNPT, gauge
116161AC	New 1" ThermoSetter body, 1" FNPT, gauge, check
116170A	New 1-1/4" ThermoSetter body, 1-1/4" FNPT
116170AC	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, check
116171A	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge
116171AC	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge, check
116260A	New 1" ThermoSetter body, 1" FNPT, gauge, 160F therm. dis. cartridge
116260AC	New 1" ThermoSetter body, 1" FNPT, gauge, 160F therm. dis. cartridge, check
116270A	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge, 160F therm. dis. cartridge
116270AC	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge, 160F therm. dis. cartridge, check
116660A	New 1" ThermoSetter body, 1" FNPT, gauge, 140F therm. dis. cartridge
116660AC	New 1" ThermoSetter body, 1" FNPT, gauge, 140F therm. dis. cartridge, check
116670A	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge, 140F therm. dis. cartridge
116670AC	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge, 140 therm. dis. cartridge, check
116360A	New 1" ThermoSetter body, 1" FNPT, gauge, actuator dis. cartridge
116360AC	New 1" ThermoSetter body, 1" FNPT, gauge, actuator dis. cartridge, check
116370A	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge, actuator dis. cartridge
116370AC	New 1-1/4" ThermoSetter body, 1-1/4" FNPT, gauge, actuator dis. cartridge, check

The SinkMixer thermostatic mixing valve complies with NSF/ANSI 61 rated for residential hot 140 °F (60°C) application.

Model Number	Product Description and Size
521201A	3/8", Anti-scald thermostatic mixing valve
521201AP	3/8", Anti-scald thermostatic mixing valve, with plug/nuts

The Isolation ball valve complies with NSF/ANSI 61 rated for cold 73 °F (23°C) application.

Model Number	Product Description and Size
290030	Isolation ball valve 1" MxF G threads

The Reduced Pressure Principle Backflow Preventers comply with NSF/ANSI/CAN 61 for cold water 73 °F (23°C) applications.

Model Number	Product Description and Size
574004A	1/2" RPZ backflow preventer, NPT female inlet/outlet
574050A	3/4" RPZ backflow preventer, NPT female inlet/outlet
574006A	1" RPZ backflow preventer, NPT female inlet/outlet
574700A	1-1/4" RPZ backflow preventer, NPT female inlet/outlet
574801A	1-1/2" RPZ backflow preventer, NPT female inlet/outlet
574900A	2" RPZ backflow preventer, NPT female inlet/outlet

The Pressure Reducing Valves comply with NSF/ANSI/CAN 61 for commercial hot water 180 °F (82°C) applications.

Model Number	Product Description and Size
536043A 103	Pressure reducing valve, 1/2" NPT female tailpieces
536053A 103	Pressure reducing valve, 3/4" NPT female tailpieces
536063A 103	Pressure reducing valve, 1" NPT female tailpieces
536073A 103	Pressure reducing valve, 1-1/4" NPT female tailpieces
536083A 103	Pressure reducing valve, 1-1/2" NPT female tailpieces
536093A 103	Pressure reducing valve, 2" NPT female tailpieces
536043A 106	Pressure reducing valve, 1/2" press
536053A 106	Pressure reducing valve, 3/4" press
536063A 106	1" press
536073A 106	1-1/4" press
536083A 106	1-1/2" press
536093A 106	2" press
536043A 109	1/2" sweat
536053A 109	3/4" sweat
536063A 109	1" sweat
536073A 109	1-1/4" sweat

536083A 109	1-1/2" sweat
536093A 109	2" sweat
536044A 103	1/2" FNPT, 15-90 psi
536054A 103	3/4" FNPT, 15-90 psi
536064A 103	1" FNPT, 15-90 psi
536074A 103	1-1/4" FNPT, 15-90 psi
536084A 103	1-1/2" FNPT, 15-90 psi
536044A 109	1/2" sweat, 15-90 psi
536054A 109	3/4" sweat, 15-90 psi
536064A 109	1" sweat, 15-90 psi
536074A 109	1-1/4" sweat, 15-90 psi
536084A 109	1-1/2" sweat, 15-90 psi
536054A 106	3/4" press, 15-90 psi
536064A 106	1" press, 15-90 psi
536074A 106	1-1/4" press, 15-90 psi
536084A 106	1-1/2" press, 15-90 psi

Conditions of Listing:

1. The valves recognized in this listing must be installed in accordance with the manufacturer's published installation instructions and the applicable codes.
2. The valves recognized in this listing are under a quality control program with annual surveillance inspection by ICC-ES.