

# ICC-ES PMG Product Certificate

**PMG-1360**



Effective Date: October 2024

This listing is subject to re-examination in one year.

[www.icc-es-pmg.org](http://www.icc-es-pmg.org) | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

CSI: DIVISION: 22 00 00—PLUMBING  
 Section: 22 40 00—Facility Water Distribution  
 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:** Lead Free Plumbing Products

**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 372 – 2022, Drinking Water System Components – Lead Content  
 Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875  
 S.3874, Reduction of Lead in Drinking Water Act  
 Vermont Act 193 – The Lead in plumbing Supplies Law  
 Maryland's Lead-Free Law HB. 372

**Identification:**

- Each product shall be marked with:
- a) The manufacturer's recognized name, trademark, or other mark; or
  - b) Model number
  - c) ICC-ES PMG lead free listing mark

**Installation:**

Products shall be installed in accordance with the manufacturer's instructions and the applicable codes.

**Models:**

**Series 116 ThermoSetter™ Adjustable Thermal Balancing Valve**

| Model Number | Description  |
|--------------|--|
| 116100A      | Dual Union, 1" G-Thread Union Body for 1/2", 3/4", and 1" Fittings |
| 116140A      | 1/2" integral FNPT   |
| 116140AC     | 1/2" integral FNPT, check valve                                    |

*Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.*

|              |   |
|--------------|---|
| 116141A      | 1/2" integral FNPT, temperature gauge   |
| 116141AC     | 1/2" integral FNPT, check and temp. gauge   |
| 116150A      | 3/4" integral FNPT  |
| 116150AC     | 3/4" integral FNPT, check valve   |
| 116151A      | 3/4" integral FNPT, temperature gauge   |
| 116151AC     | 3/4" integral FNPT, check and temp. gauge   |
| 116160A      | 1" integral FNPT  |
| 116160AC     | 1" integral FNPT, check valve   |
| 116161A      | 1" integral FNPT, temperature gauge   |
| 116161AC     | 1" integral FNPT, check and temp. gauge   |
| 116170A      | 1-1/4" integral FNPT  |
| 116170AC     | 1-1/4" integral FNPT, check valve   |
| 116171A      | 1-1/4" integral FNPT, temperature gauge   |
| 116171AC     | 1-1/4" integral FNPT, check and temp. gauge   |
| 116240A      | 1/2" integral FNPT, 160°F bypass cartridge and temperature gauge                              |
| 116240AC     | 1/2" integral FNPT, check valve, 160°F bypass cartridge and temperature gauge                 |
| 116250A      | 3/4" integral FNPT, 160°F bypass cartridge and temperature gauge                              |
| 116250AC     | 3/4" integral FNPT, check valve, 160°F bypass cartridge and temperature gauge                 |
| 116260A      | 1" integral FNPT, 160°F bypass cartridge  |
| 116260AC     | 1" integral FNPT, check valve, 160°F bypass cartridge and temperature gauge                   |
| 116270A      | 1-1/4" integral FNPT, 160°F bypass cartridge and temperature gauge                            |
| 116270AC     | 1-1/4" integral FNPT, check valve, 160°F bypass cartridge and temperature gauge               |
| 116340A      | 1/2" integral FNPT, thermo-electric actuator and temperature gauge                            |
| 116340AC     | 1/2" integral FNPT, check valve, thermo-electric actuator, and temperature gauge              |
| 116350A      | 3/4" integral FNPT, thermo-electric actuator and temperature gauge                            |
| 116350AC     | 3/4" integral FNPT, check valve, thermo-electric actuator, and temperature gauge              |
| 116360A      | 1" integral FNPT, thermo-electric actuator and temperature gauge                              |
| 116360AC     | 1" integral FNPT, check valve, thermo-electric actuator, and temperature gauge                |
| 116370A      | 1-1/4" integral FNPT, thermo-electric actuator and temperature gauge                          |
| 116370AC     | 1-1/4" integral FNPT, check valve, thermo-electric actuator, and temperature gauge            |
| 116640AC     | 1/2" integral FNPT, w/ check, 140°F bypass cartridge and temperature gauge                    |
| 116650AC     | 3/4" integral FNPT w/check valve, 140°F bypass cartridge and temperature gauge                |
| 116660A      | 1" integral FNPT, 140°F bypass cartridge and temperature gauge                                |
| 116660AC     | 1" integral FNPT, check valve, 140°F bypass cartridge and temperature gauge                   |
| 116670A      | 1-1/4" integral FNPT, 140°F bypass cartridge and temperature gauge                            |
| 116670AC     | 1-1/4" integral FNPT, check, 140°F bypass cartridge and temperature gauge                     |
| 116340AC 002 | 1/2" FNPT dual unions, check, temp. gauge, actuator dis. cartridge                            |
| 116340AC 102 | 1/2" FNPT dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves          |
| 116340AC 009 | 1/2" sweat dual unions, check, temp. gauge, actuator dis. cartridge                           |
| 116340AC 109 | 1/2" sweat dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves         |
| 116340AC 006 | 1/2" press dual unions, check, temp. gauge, actuator dis. cartridge                           |
| 116340AC 106 | 1/2" press dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves         |
| 116340AC 008 | 1/2" PEX expansion dual unions, check, temp. gauge, actuator dis. cartridge                   |
| 116340AC 108 | 1/2" PEX expansion dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves |
| 116340AC 007 | 1/2" PEX crimp dual unions, check, temp. gauge, actuator dis. cartridge                       |
| 116340AC 107 | 1/2" PEX crimp dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves     |
| 116350AC 002 | 3/4" FNPT dual unions, check, temp. gauge, actuator dis. cartridge                            |
| 116350AC 102 | 3/4" FNPT dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves          |
| 116350AC 009 | 3/4" sweat dual unions, check, temp. gauge, actuator dis. cartridge                           |
| 116350AC 109 | 3/4" sweat dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves         |

|              |  |
|--------------|--|
| 116350AC 006 | 3/4" press dual unions, check, temp. gauge, actuator dis. cartridge                              |
| 116350AC 106 | 3/4" press dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves            |
| 116350AC 008 | 3/4" PEX expansion dual unions, check, temp. gauge, actuator dis. cartridge                      |
| 116350AC 108 | 3/4" PEX expansion dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves    |
| 116350AC 007 | 3/4" PEX crimp dual unions, check, temp. gauge, actuator dis. cartridge                          |
| 116350AC 107 | 3/4" PEX crimp dual unions, check, temp. gauge, actuator dis. cartridge, isolation valves        |
| 116240AC 002 | 1/2" FNPT dual unions, check, check, temp. gauge, 160F therm. dis. cartridge                     |
| 116240AC 102 | 1/2" FNPT dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves          |
| 116240AC 009 | 1/2" sweat dual unions, check, temp. gauge, 160F therm. dis. cartridge                           |
| 116240AC 109 | 1/2" sweat dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves         |
| 116240AC 006 | 1/2" press dual unions, check, temp. gauge, 160F therm. dis. cartridge                           |
| 116240AC 106 | 1/2" press dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves         |
| 116240AC 008 | 1/2" PEX expansion dual unions, check, temp. gauge, 160F therm. dis. cartridge                   |
| 116240AC 108 | 1/2" PEX expansion dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves |
| 116240AC 007 | 1/2" PEX crimp dual unions, check, temp. gauge, 160F therm. dis. cartridge                       |
| 116240AC 107 | 1/2" PEX crimp dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves     |
| 116250AC 002 | 3/4" FNPT dual unions, check, temp. gauge, 160F therm. dis. cartridge                            |
| 116250AC 102 | 3/4" FNPT dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves          |
| 116250AC 009 | 3/4" sweat dual unions, check, temp. gauge, 160F therm. dis. cartridge                           |
| 116250AC 109 | 3/4" sweat dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves         |
| 116250AC 006 | 3/4" press dual unions, check, temp. gauge, 160F therm. dis. cartridge                           |
| 116250AC 106 | 3/4" press dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves         |
| 116250AC 008 | 3/4" PEX expansion dual unions, check, temp. gauge, 160F therm. dis. cartridge                   |
| 116250AC 108 | 3/4" PEX expansion dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves |
| 116250AC 007 | 3/4" PEX crimp dual unions, check, temp. gauge, 160F therm. dis. cartridge                       |
| 116250AC 107 | 3/4" PEX crimp dual unions, check, temp. gauge, 160F therm. dis. cartridge, isolation valves     |
| 116640AC 002 | 1/2" FNPT dual unions, check, temp. gauge, 140F therm. dis. cartridge                            |
| 116640AC 102 | 1/2" FNPT dual unions, check, temp. gauge, 140F therm. dis. cartridge, isolation valves          |
| 116640AC 009 | 1/2" sweat dual unions, check, temp. gauge, 140F therm. dis. cartridge                           |
| 116640AC 109 | 1/2" sweat dual unions, check, temp. gauge, 140F therm. dis. cartridge, isolation valves         |
| 116640AC 006 | 1/2" press dual unions, check, temp. gauge, 140F therm. dis. cartridge                           |
| 116640AC 106 | 1/2" press dual unions, check, temp. gauge, 140F therm. dis. cartridge, isolation valves         |
| 116640AC 008 | 1/2" PEX expansion dual unions, check, temp. gauge, 140F therm. dis. cartridge                   |
| 116640AC 108 | 1/2" PEX expansion dual unions, check, temp. gauge, 140F therm. dis. cartridge, isolation valves |
| 116640AC 007 | 1/2" PEX crimp dual unions, check, temp. gauge, 140F therm. dis. cartridge                       |
| 116640AC 107 | 1/2" PEX crimp dual unions, check, temp. gauge, 140F therm. dis. cartridge, isolation valves     |
| 116650AC 002 | 3/4" FNPT dual unions, check, temp. gauge, 140 therm. dis. cartridge                             |
| 116650AC 102 | 3/4" FNPT dual unions, check, temp. gauge, 140 therm. dis. cartridge, isolation valves           |
| 116650AC 009 | 3/4" sweat dual unions, check, temp. gauge, 140 therm. dis. cartridge                            |

|              |   |
|--------------|---|
| 116650AC 109 | 3/4" sweat dual unions, check, temp. gauge, 140 therm. dis. cartridge, isolation valves         |
| 116650AC 006 | 3/4" press dual unions, check, temp. gauge, 140 therm. dis. cartridge                           |
| 116650AC 106 | 3/4" press dual unions, check, temp. gauge, 140 therm. dis. cartridge, isolation valves         |
| 116650AC 008 | 3/4" PEX expansion dual unions, check, temp. gauge, 140 therm. dis. cartridge                   |
| 116650AC 108 | 3/4" PEX expansion dual unions, check, temp. gauge, 140 therm. dis. cartridge, isolation valves |
| 116650AC 007 | 3/4" PEX crimp dual unions, check, temp. gauge, 140 therm. dis. cartridge                       |
| 116650AC 107 | 3/4" PEX crimp dual unions, check, temp. gauge, 140 therm. dis. cartridge, isolation valves     |
| 116140AC 002 | 1/2" FNPT dual unions, check  |
| 116140AC 102 | 1/2" FNPT dual unions, check, isolation valves  |
| 116140AC 009 | 1/2" sweat dual unions, check   |
| 116140AC 109 | 1/2" sweat dual unions, check, isolation valves   |
| 116140AC 006 | 1/2" press dual unions, check   |
| 116140AC 106 | 1/2" press dual unions, check, isolation valves   |
| 116140AC 008 | 1/2" PEX expansion dual unions, check   |
| 116140AC 108 | 1/2" PEX expansion dual unions, check, isolation valves   |
| 116140AC 007 | 1/2" PEX crimp dual unions, check   |
| 116140AC 107 | 1/2" PEX crimp dual unions, check, isolation valves   |
| 116141AC 002 | 1/2" FNPT dual unions, check, temp. gauge   |
| 116141AC 102 | 1/2" FNPT dual unions, check, temp. gauge, isolation valves                                     |
| 116141AC 009 | 1/2" sweat dual unions, check, temp. gauge  |
| 116141AC 109 | 1/2" sweat dual unions, check, temp. gauge, isolation valves                                    |
| 116141AC 006 | 1/2" press dual unions, check, temp. gauge  |
| 116141AC 106 | 1/2" press dual unions, check, temp. gauge, isolation valves                                    |
| 116141AC 008 | 1/2" PEX expansion dual unions, check, temp. gauge  |
| 116141AC 108 | 1/2" PEX expansion dual unions, check, temp. gauge, isolation valves                            |
| 116141AC 007 | 1/2" PEX crimp dual unions, check, temp. gauge  |
| 116141AC 107 | 1/2" PEX crimp dual unions, check, temp. gauge, isolation valves                                |
| 116150AC 002 | 3/4" FNPT dual unions, check  |
| 116150AC 102 | 3/4" FNPT dual unions, check, isolation valves  |
| 116150AC 009 | 3/4" sweat dual unions, check   |
| 116150AC 109 | 3/4" sweat dual unions, check, isolation valves   |
| 116150AC 006 | 3/4" press dual unions, check   |
| 116150AC 106 | 3/4" press dual unions, check, isolation valves   |
| 116150AC 008 | 3/4" PEX expansion dual unions, check   |
| 116150AC 108 | 3/4" PEX expansion dual unions, check, isolation valves   |
| 116150AC 007 | 3/4" PEX crimp dual unions, check   |
| 116150AC 107 | 3/4" PEX crimp dual unions, check, check, isolation valves                                      |
| 116151AC 002 | 3/4" FNPT dual unions, check, temp. gauge   |
| 116151AC 102 | 3/4" FNPT dual unions, check, temp. gauge, isolation valves                                     |
| 116151AC 009 | 3/4" sweat dual unions, check, temp. gauge  |
| 116151AC 109 | 3/4" sweat dual unions, check, temp. gauge, isolation valves                                    |
| 116151AC 006 | 3/4" press dual unions, check, temp. gauge  |
| 116151AC 106 | 3/4" press dual unions, check, temp. gauge, isolation valves                                    |
| 116151AC 008 | 3/4" PEX expansion dual unions, check, temp. gauge  |
| 116151AC 108 | 3/4" PEX expansion dual unions, check, temp. gauge, isolation valves                            |
| 116151AC 007 | 3/4" PEX crimp dual unions, check, temp. gauge  |
| 116151AC 107 | 3/4" PEX crimp dual unions, check, temp. gauge, isolation valves                                |

**Series 1164 ThermoSetter™ Compact Adjustable Thermal Balancing Valve**

| Model Number | Description  |
|--------------|--|
| 116400A      | 1" G-Thread Union Body for 1/2", 3/4", and 1" Fittings               |
| 116440AC 002 | 1/2" NPT female dual unions, check                                   |
| 116440AC 102 | 1/2" NPT female dual unions, check, isolation valves                 |
| 116440AC 009 | 1/2" sweat dual unions, check  |
| 116440AC 109 | 1/2" sweat dual unions, check, isolation valves                      |
| 116440AC 006 | 1/2" press dual unions, check  |
| 116440AC 106 | 1/2" press dual unions, check, isolation valves                      |
| 116440AC 008 | 1/2" PEX expansion dual unions, check                                |
| 116440AC 108 | 1/2" PEX expansion dual unions, check, isolation valves              |
| 116440AC 007 | 1/2" PEX crimp dual unions, check                                    |
| 116440AC 107 | 1/2" PEX crimp dual unions, check, isolation valves                  |
| 116441AC 002 | 1/2" NPT female dual unions, check, temp. gauge                      |
| 116441AC 102 | 1/2" NPT female dual unions, check, temp. gauge, isolation valves    |
| 116441AC 009 | 1/2" sweat dual unions, check, temp. gauge                           |
| 116441AC 109 | 1/2" sweat dual unions, check, temp. gauge, isolation valves         |
| 116441AC 006 | 1/2" press dual unions, check, temp. gauge                           |
| 116441AC 106 | 1/2" press dual unions, check, temp. gauge, isolation valves         |
| 116441AC 008 | 1/2" PEX expansion dual unions, check, temp. gauge                   |
| 116441AC 108 | 1/2" PEX expansion dual unions, check, temp. gauge, isolation valves |
| 116441AC 007 | 1/2" PEX crimp dual unions, check, temp. gauge                       |
| 116441AC 107 | 1/2" PEX crimp dual unions, check, temp. gauge, isolation valves     |
| 116450AC 002 | 3/4" NPT female dual unions, check                                   |
| 116450AC 102 | 3/4" NPT female dual unions, check, isolation valves                 |
| 116450AC 009 | 3/4" sweat dual unions, check  |
| 116450AC 109 | 3/4" sweat dual unions, check, isolation valves                      |
| 116450AC 006 | 3/4" press dual unions, check  |
| 116450AC 106 | 3/4" press dual unions, check, isolation valves                      |
| 116450AC 008 | 3/4" PEX expansion dual unions, check                                |
| 116450AC 108 | 3/4" PEX expansion dual unions, check, isolation valves              |
| 116450AC 007 | 3/4" PEX crimp dual unions, check                                    |
| 116450AC 107 | 3/4" PEX crimp dual unions, check, isolation valves                  |
| 116451AC 002 | 3/4" NPT female dual unions, check, temp. gauge,                     |
| 116451AC 102 | 3/4" NPT female dual unions, check, temp. gauge, isolation valves    |
| 116451AC 009 | 3/4" sweat dual unions, check, temp. gauge                           |
| 116451AC 109 | 3/4" sweat dual unions, check, temp. gauge, isolation valves         |
| 116451AC 006 | 3/4" press dual unions, check, temp. gauge                           |
| 116451AC 106 | 3/4" press dual unions, check, temp. gauge, isolation valves         |
| 116451AC 008 | 3/4" PEX expansion dual unions, check, temp. gauge                   |
| 116451AC 108 | 3/4" PEX expansion dual unions, check, temp. gauge, isolation valves |
| 116451AC 007 | 3/4" PEX crimp dual unions, check, temp. gauge                       |
| 116451AC 107 | 3/4" PEX crimp dual unions, check, temp. gauge, isolation valves     |
| 116440A      | 1/2" integral FNPT   |
| 116440AC     | 1/2" integral FNPT, check valve                                      |
| 116441A      | 1/2" integral FNPT, temperature gauge                                |
| 116441AC     | 1/2" integral FNPT, check and temp. gauge                            |
| 116450A      | 3/4" integral FNPT   |
| 116450AC     | 3/4" integral FNPT, check valve                                      |
| 116451A      | 3/4" integral FNPT, temp. gauge                                      |
| 116451AC     | 3/4" integral FNPT, check and temp. gauge                            |



**Series 127 FlowCal+™ Flow Balancing Valve**

| Model Number   | Description  |
|--|--|
| 127000A ***  | 1" G-Thread Union Body for 1/2", 3/4", and 1" Fittings   |
| 127140AFC ***  | 1/2" NPT Male, dual union, check valve, temp. gauge      |
| 127143AFC ***  | 1/2" PEX Expansion, dual union, check valve, temp. gauge |
| 127145AFC ***  | 1/2" PEX Crimp, dual union, check valve, temp. gauge     |
| 127147AFC ***  | 1/2" Press, dual union, check valve, temp. gauge         |
| 127148AFC ***  | 1/2" Sweat, dual union, check valve, temp. gauge         |
| 127150AFC ***  | 3/4" NPT Male, dual union, check valve, temp. gauge      |
| 127153AFC ***  | 3/4" PEX Expansion, dual union, check valve, temp. gauge |
| 127155AFC ***  | 3/4" PEX Crimp, dual union, check valve, temp. gauge     |
| 127157AFC ***  | 3/4" Press, dual union, check valve, temp. gauge         |
| 127158AFC ***  | 3/4" Sweat, dual union, check valve, temp. gauge         |
| 127160AFC ***  | 1" NPT Male, dual union, check valve, temp. gauge        |
| 127163AFC ***  | 1" PEX Expansion, dual union, check valve, temp. gauge   |
| 127165AFC ***  | 1" PEX Crimp, dual union, check valve, temp. gauge       |
| 127167AFC ***  | 1" Press, dual union, check valve, temp. gauge           |
| 127168AFC ***  | 1" Sweat, dual union, check valve, temp. gauge           |
| *** Denotes GPM value for internal flow regulating cartridge, above codes available in following:<br>G35, G50, G75, 1G0, 1G3, 1G5, 1G7, 2G0, 2G2, 2G5, 2G6, 3G0, 3G5, 4G0, 4G5, 5G0, 6G0, 7G0, 8G0, 9G0 10G0 |  |

**Series 127 FlowCal™ Flow Balancing Valve**

| Model Number   | Description                    |
|--|--------------------------------|
| 127341AF ***   | 1/2" NPT Male, dual union      |
| 127342AF ***   | 1/2" PEX Expansion, dual union |
| 127344AF ***   | 1/2" PEX Crimp, dual union     |
| 127346AF ***   | 1/2" Press, dual union         |
| 127349AF ***   | 1/2" Sweat, dual union         |
| 127351AF ***   | 3/4" NPT Male, dual union      |
| 127352AF ***   | 3/4" PEX Expansion, dual union |
| 127354AF ***   | 3/4" PEX Crimp, dual union     |
| 127356AF ***   | 3/4" Press, dual union         |
| 127359AF ***   | 3/4" Sweat, dual union         |
| 127361AF ***   | 1" NPT Male, dual union        |
| 127362AF ***   | 1" PEX Expansion, dual union   |
| 127364AF ***   | 1" PEX Crimp, dual union       |
| 127366AF ***   | 1" Press, dual union           |
| 127369AF ***   | 1" Sweat, dual union           |
| *** Denotes GPM value for internal flow regulating cartridge, above codes available in following:<br>G35, G50, G75, 1G0, 1G3, 1G5, 1G7, 2G0, 2G2, 2G5, 2G6, 3G0, 3G5, 4G0, 4G5, 5G0, 6G0, 7G0, 8G0, 9G0 10G0 |                                |

**Series 128 FlowCal+™ Y-Body Flow Balancing Valve**

| Model Number  | Description  |
|---------------|--|
| 128440AFC *** | FlowCal+™ Y-Body Flow Balancing Valve, 1/2" NPT male, dual union, PT ports, check valve, temp. gauge |
| 128441AFC *** | 1/2" NPT male, dual union, PT ports, check valve   |
| 128442AFC *** | 1/2" PEX expansion, dual union, PT ports, check valve  |
| 128443AFC *** | 1/2" PEX expansion, dual union, PT ports, check valve, temp. gauge                                   |
| 128444AFC *** | 1/2" PEX Crimp, dual union, PT ports, check valve  |
| 128445AFC *** | 1/2" PEX Crimp, dual union, PT ports, check valve, temp. gauge                                       |
| 128446AFC *** | 1/2" Press, dual union, PT ports, check valve  |
| 128447AFC *** | 1/2" Press, dual union, PT ports, check valve, temp. gauge   |
| 128448AFC *** | 1/2" Sweat, dual union, PT ports, check valve, temp. gauge   |

|  |  |
|--|--|
| 128449AFC ***  | 1/2" Sweat, dual union, PT ports, check valve                      |
| 128450AFC ***  | 3/4" NPT male, dual union, PT ports, check valve, temp. gauge      |
| 128451AFC ***  | 3/4" NPT male, dual union, PT ports, check valve                   |
| 128452AFC ***  | 3/4" PEX expansion, dual union, PT ports, check valve              |
| 128453AFC ***  | 3/4" PEX expansion, dual union, PT ports, check valve, temp. gauge |
| 128454AFC ***  | 3/4" PEX Crimp, dual union, PT ports, check valve                  |
| 128455AFC ***  | 3/4" PEX Crimp, dual union, PT ports, check valve, temp. gauge     |
| 128456AFC ***  | 3/4" Press, dual union, PT ports, check valve                      |
| 128457AFC ***  | 3/4" Press, dual union, PT ports, check valve, temp. gauge         |
| 128458AFC ***  | 3/4" Sweat, dual union, PT ports, check valve, temp. gauge         |
| 128459AFC ***  | 3/4" Sweat, dual union, PT ports, check valve                      |
| 128460AFC ***  | 1" NPT male, dual union, PT ports, check valve, temp. gauge        |
| 128461AFC ***  | 1" NPT male, dual union, PT ports, check valve                     |
| 128462AFC ***  | 1" PEX expansion, dual union, PT ports, check valve                |
| 128463AFC ***  | 1" PEX expansion, dual union, PT ports, check valve, temp. gauge   |
| 128464AFC ***  | 1" PEX Crimp, dual union, PT ports, check valve                    |
| 128465AFC ***  | 1" PEX Crimp, dual union, PT ports, check valve, temp. gauge       |
| 128466AFC ***  | 1" Press, dual union, PT ports, check valve                        |
| 128467AFC ***  | 1" Press, dual union, PT ports, check valve, temp. gauge           |
| 128468AFC ***  | 1" Sweat, dual union, PT ports, check valve, temp. gauge           |
| 128469AFC ***  | 1" Sweat, dual union, PT ports, check valve                        |
| *** Denotes GPM value for internal flow regulating cartridge, above codes available in following:<br>G35, G50, G75, 1G0, 1G3, 1G5, 1G7, 2G0, 2G2, 2G5, 2G6, 3G0, 3G5, 4G0, 4G5, 5G0, 6G0, 7G0, 8G0, 9G0 10G0 |  |

### Series 128 FlowCal™ Y-Body Flow Balancing Valve

| Model Number   | Description                              |
|--|--|
| 128541AF ***   | 1/2" NPT male, dual union, PT ports      |
| 128542AF ***   | 1/2" PEX Expansion, dual union, PT ports |
| 128544AF ***   | 1/2" PEX Crimp, dual union, PT ports     |
| 128546AF ***   | 1/2" Press, dual union, PT ports         |
| 128549AF ***   | 1/2" Sweat, dual union, PT ports         |
| 128551AF ***   | 3/4" NPT male, dual union, PT ports      |
| 128552AF ***   | 3/4" PEX Expansion, dual union, PT ports |
| 128554AF ***   | 3/4" PEX Crimp, dual union, PT ports     |
| 128556AF ***   | 3/4" Press, dual union, PT ports         |
| 128559AF ***   | 3/4" Sweat, dual union, PT ports         |
| 128561AF ***   | 1" NPT male, dual union, PT ports        |
| 128562AF ***   | 1" PEX Expansion, dual union, PT ports   |
| 128564AF ***   | 1" PEX Crimp, dual union, PT ports       |
| 128566AF ***   | 1" Press, dual union, PT ports           |
| 128569AF ***   | 1" Sweat, dual union, PT ports           |
| *** Denotes GPM value for internal flow regulating cartridge, above codes available in following:<br>G35, G50, G75, 1G0, 1G3, 1G5, 1G7, 2G0, 2G2, 2G5, 2G6, 3G0, 3G5, 4G0, 4G5, 5G0, 6G0, 7G0, 8G0, 9G0 10G0 |  |

### Series 128 Y-Strainer

| Model Number | Description                             |
|--------------|---|
| 128741A 000  | 1/2" NPT male, dual union, PT ports     |
| 128742A 000  | 1/2" PEX expansion dual union, PT ports |
| 128744A 000  | 1/2" PEX crimp, dual union, PT ports    |
| 128746A 000  | 1/2" Press, dual union, PT ports        |
| 128749A 000  | 1/2" Sweat, dual union, PT ports        |
| 128751A 000  | 3/4" NPT male, dual union, PT ports     |
| 128752A 000  | 3/4" PEX expansion dual union, PT ports |

|             |                                       |
|-------------|---------------------------------------|
| 128754A 000 | 3/4" PEX crimp, dual union, PT ports  |
| 128756A 000 | 3/4" Press, dual union, PT ports      |
| 128759A 000 | 3/4" Sweat, dual union, PT ports      |
| 128761A 000 | 1" NPT male, dual union, PT ports     |
| 128762A 000 | 1" PEX expansion dual union, PT ports |
| 128764A 000 | 1" PEX crimp, dual union, PT ports    |
| 128766A 000 | 1" Press, dual union, PT ports        |
| 128769A 000 | 1" Sweat, dual union, PT ports        |

**Series 130 Flo-Set™ Fixed Orifice Balancing Valve**

| Model Number | Description |
|--------------|-------------|
| 130400A      | 1/2" FNPT   |
| 130500A      | 3/4" FNPT   |
| 130600A      | 1" FNPT     |
| 130700A      | 1-1/4" FNPT |
| 130800A      | 1-1/2" FNPT |
| 130900A      | 2" FNPT     |

**Series 132 QuickSetter+™ Flow Balancing Valve**

| Model Number | Description  |
|--------------|--|
| 132430AFC    | 1/2" NPT male, dual unions, 0.5 - 1.75 GPM                   |
| 132431AFC    | 1/2" NPT male, dual unions, 0.5 - 1.75 GPM, temp. gauge      |
| 132432AFC    | 1/2" PEX Expansion, dual unions, 0.5 - 1.75 GPM              |
| 132433AFC    | 1/2" PEX Expansion, dual unions, 0.5 - 1.75 GPM, temp. gauge |
| 132434AFC    | 1/2" PEX Crimp, dual unions, 0.5 - 1.75 GPM                  |
| 132435AFC    | 1/2" PEX Crimp, dual unions, 0.5 - 1.75 GPM, temp. gauge     |
| 132436AFC    | 1/2" Press, dual unions, 0.5 - 1.75 GPM                      |
| 132437AFC    | 1/2" Press male, dual unions, 0.5 - 1.75 GPM, temp. gauge    |
| 132438AFC    | 1/2" Sweat, dual unions, 0.5 - 1.75 GPM, temp. gauge         |
| 132439AFC    | 1/2" Sweat, dual unions, 0.5 - 1.75 GPM                      |
| 132450AFC    | 1/2" NPT male, dual unions, 2.0 - 7.0 GPM                    |
| 132451AFC    | 1/2" NPT male, dual unions, 2.0 - 7.0 GPM, temp. gauge       |
| 132452AFC    | 1/2" PEX Expansion, dual unions, 2.0 - 7.0 GPM               |
| 132453AFC    | 1/2" PEX Expansion, dual unions, 2.0 - 7.0 GPM, temp. gauge  |
| 132454AFC    | 1/2" PEX Crimp, dual unions, 2.0 - 7.0 GPM                   |
| 132455AFC    | 1/2" PEX Crimp, dual unions, 2.0 - 7.0 GPM, temp. gauge      |
| 132456AFC    | 1/2" Press, dual unions, 2.0 - 7.0 GPM                       |
| 132457AFC    | 1/2" Press male, dual unions, 2.0 - 7.0 GPM, temp. gauge     |
| 132458AFC    | 1/2" Sweat, dual unions, 2.0 - 7.0 GPM, temp. gauge          |
| 132459AFC    | 1/2" Sweat, dual unions, 2.0 - 7.0 GPM                       |
| 132530AFC    | 3/4" NPT male, dual unions, 0.5 - 1.75 GPM                   |
| 132531AFC    | 3/4" NPT male, dual unions, 0.5 - 1.75 GPM, temp. gauge      |
| 132532AFC    | 3/4" PEX Expansion, dual unions, 0.5 - 1.75 GPM              |
| 132533AFC    | 3/4" PEX Expansion, dual unions, 0.5 - 1.75 GPM, temp. gauge |
| 132534AFC    | 3/4" PEX Crimp, dual unions, 0.5 - 1.75 GPM                  |
| 132535AFC    | 3/4" PEX Crimp, dual unions, 0.5 - 1.75 GPM, temp. gauge     |
| 132536AFC    | 3/4" Press, dual unions, 0.5 - 1.75 GPM                      |
| 132537AFC    | 3/4" Press male, dual unions, 0.5 - 1.75 GPM, temp. gauge    |
| 132538AFC    | 3/4" Sweat, dual unions, 0.5 - 1.75 GPM, temp. gauge         |
| 132539AFC    | 3/4" Sweat, dual unions, 0.5 - 1.75 GPM                      |
| 132550AFC    | 3/4" NPT male, dual unions, 2.0 - 7.0 GPM                    |
| 132551AFC    | 3/4" NPT male, dual unions, 2.0 - 7.0 GPM, temp. gauge       |



|           |   |
|-----------|---|
| 132552AFC | 3/4" PEX Expansion, dual unions, 2.0 - 7.0 GPM              |
| 132553AFC | 3/4" PEX Expansion, dual unions, 2.0 - 7.0 GPM, temp. gauge |
| 132554AFC | 3/4" PEX Crimp, dual unions, 2.0 - 7.0 GPM                  |
| 132555AFC | 3/4" PEX Crimp, dual unions, 2.0 - 7.0 GPM, temp. gauge     |
| 132556AFC | 3/4" Press, dual unions, 2.0 - 7.0 GPM                      |
| 132557AFC | 3/4" Press male, dual unions, 2.0 - 7.0 GPM, temp. gauge    |
| 132558AFC | 3/4" Sweat, dual unions, 2.0 - 7.0 GPM, temp. gauge         |
| 132559AFC | 3/4" Sweat, dual unions, 2.0 - 7.0 GPM                      |
| 132630AFC | 1" NPT male, dual unions, 0.5 - 1.75 GPM                    |
| 132631AFC | 1" NPT male, dual unions, 0.5 - 1.75 GPM, temp. gauge       |
| 132632AFC | 1" PEX Expansion, dual unions, 0.5 - 1.75 GPM               |
| 132633AFC | 1" PEX Expansion, dual unions, 0.5 - 1.75 GPM, temp. gauge  |
| 132634AFC | 1" PEX Crimp, dual unions, 0.5 - 1.75 GPM                   |
| 132635AFC | 1" PEX Crimp, dual unions, 0.5 - 1.75 GPM, temp. gauge      |
| 132636AFC | 1" Press, dual unions, 0.5 - 1.75 GPM                       |
| 132637AFC | 1" Press male, dual unions, 0.5 - 1.75 GPM, temp. gauge     |
| 132638AFC | 1" Sweat, dual unions, 0.5 - 1.75 GPM, temp. gauge          |
| 132639AFC | 1" Sweat, dual unions, 0.5 - 1.75 GPM                       |
| 132650AFC | 1" NPT male, dual unions, 2.0 - 7.0 GPM                     |
| 132651AFC | 1" NPT male, dual unions, 2.0 - 7.0 GPM, temp. gauge        |
| 132652AFC | 1" PEX Expansion, dual unions, 2.0 - 7.0 GPM                |
| 132653AFC | 1" PEX Expansion, dual unions, 2.0 - 7.0 GPM, temp. gauge   |
| 132654AFC | 1" PEX Crimp, dual unions, 2.0 - 7.0 GPM                    |
| 132655AFC | 1" PEX Crimp, dual unions, 2.0 - 7.0 GPM, temp. gauge       |
| 132656AFC | 1" Press, dual unions, 2.0 - 7.0 GPM                        |
| 132657AFC | 1" Press male, dual unions, 2.0 - 7.0 GPM, temp. gauge      |
| 132658AFC | 1" Sweat, dual unions, 2.0 - 7.0 GPM, temp. gauge           |
| 132659AFC | 1" Sweat, dual unions, 2.0 - 7.0 GPM                        |

#### Series 142 Flo-Set™ Variable Orifice Flow Balancing Valve

| Model Number | Description |
|--------------|-------------|
| 142241A      | 1/2" FNPT   |
| 142251A      | 3/4" FNPT   |
| 142261A      | 1" FNPT     |
| 142271A      | 1-1/4" FNPT |
| 142281A      | 1-1/2" FNPT |
| 142291A      | 2" FNPT     |

#### Series 252 Thermostatic Mixing Valves

| Model Number | Description                           |
|--------------|---------------------------------------|
| 252101A CST  | Mixing Valve Body without Tail pieces |
| 252148A      | 1/2" SWT w/probe and check valve      |
| 252149A      | 1/2" SWT                              |
| 252158A      | 3/4" SWT w/probe and check valve      |
| 252159A      | 3/4" SWT                              |
| 252168A      | 1" SWT w/probe and check valve        |
| 252169A      | 1" SWT                                |

#### Series 304 Vacu-Stop™ Vacuum Relief Valve

| Model Number | Description |
|--------------|-------------|
| 304040A      | 1/2" MNPT   |
| 304050A      | 3/4" MNPT   |

**Series 3047 Serviceable check valves**

| Model Number | Description  |
|--------------|--|
| 304740A      | Serviceable check valve ½" MNPT                    |
| 304750A      | Serviceable check valve ¾" MNPT                    |
| 304743A      | Serviceable check valve ½" FNPT                    |
| 304753A      | Serviceable check valve ¾" FNPT                    |
| 304746A      | Serviceable check valve ½" press                   |
| 304756A      | Serviceable check valve ¾" press                   |
| 304749A      | Serviceable check valve ½" sweat                   |
| 304759A      | Serviceable check valve ¾" sweat                   |
| 304748A      | Serviceable check valve ½" PEX expansion (F1960)   |
| 304758A      | Serviceable check valve ¾" PEX expansion (F1960)   |
| 304747A      | Serviceable check valve ½" PEX crimp (F1807)       |
| 304757A      | Serviceable check valve ¾" PEX crimp (F1807)       |
| 304760A      | Serviceable check valve 1" MNPT                    |
| 304770A      | Serviceable check valve 1¼" MNPT                   |
| 304763A      | Serviceable check valve 1" FNPT                    |
| 304773A      | Serviceable check valve 1-1/4" FNPT                |
| 304766A      | Serviceable check valve 1" press                   |
| 304776A      | Serviceable check valve 1¼" press                  |
| 304769A      | Serviceable check valve 1" sweat                   |
| 304779A      | Serviceable check valve 1¼" sweat                  |
| 304780A      | Serviceable check valve 1½" MNPT                   |
| 304790A      | Serviceable check valve 2" MNPT                    |
| 304793A      | Serviceable check valve 2" FNPT                    |
| 304786A      | Serviceable check valve 1½" press                  |
| 304796A      | Serviceable check valve 2" press                   |
| 304789A      | Serviceable check valve 1½" sweat                  |
| 304799A      | Serviceable check valve 2" sweat                   |
| 304780A      | Serviceable check valve 1½" MNPT                   |
| 304790A      | Serviceable check valve 2" MNPT                    |
| 304793A      | Serviceable check valve 2" FNPT                    |
| 304786A      | Serviceable check valve 1½" press                  |
| 304796A      | Serviceable check valve 2" press                   |
| 304789A      | Serviceable check valve 1½" sweat                  |
| 304799A      | Serviceable check valve 2" sweat                   |
| NA30476A     | Body Only (DN25), compatible with ½" and ¾" sizes  |
| NA30477A     | Body Only (DN32), compatible with 1" and 1¼" sizes |
| NA30479A     | Body Only (DN50), compatible with 1½" and 2" sizes |

**Series 3048 FlowShield™ DuC, Dual Check Backflow Preventer**

| Model Number | Description                   |
|--------------|-------------------------------|
| 304840A      | 1/2" NPT male, dual union     |
| 304843A      | 1/2" NPT female, dual union   |
| 304846A      | 1/2" Press, dual union        |
| 304847A      | 1/2" PEX Crimp, dual union    |
| 304848A      | 1/2" PEX Expansion dual union |
| 304849A      | 1/2" Sweat, dual union        |
| 304850A      | 3/4" NPT male, dual union     |
| 304853A      | 3/4" NPT female, dual union   |
| 304856A      | 3/4" Press, dual union        |
| 304857A      | 3/4" PEX Crimp, dual union    |

|         |                                |
|---------|--------------------------------|
| 304858A | 3/4" PEX Expansion, dual union |
| 304859A | 3/4" Sweat dual union          |
| 304860A | 1" NPT male, dual union        |
| 304863A | 1" NPT female, dual union      |
| 304866A | 1" Press, dual union           |
| 304867A | 1" PEX crimp, dual union       |
| 304868A | 1" PEX expansion, dual union   |
| 304869A | 1" Sweat, dual union           |

#### Series 520 AngleMix™ Point of Distribution Thermostatic Mixing Valve

| Model Number | Description  |
|--------------|--|
| 520051A      | 1" G-Thread Union Body for 1/2" and 3/4" Fittings  |
| 520061A      | 1-1/4" G-Thread Union Body for 1" Fittings         |
| 520410A      | 1/2" NPT male unions, temp. gauge                  |
| 520414A      | 1/2" PEX Crimp unions, temp. gauge                 |
| 520415A      | 1/2" PEX Expansion unions, temp. gauge             |
| 520416A      | 1/2" press, temp. gauge                            |
| 520419A      | 1/2" sweat, temp. gauge                            |
| 520510A      | 3/4" NPT male union, temp. gauge                   |
| 520514A      | 3/4" PEX Crimp unions, temp. gauge                 |
| 520515A      | 3/4" PEX Expansion unions, temp. gauge             |
| 520516A      | 3/4" press, temp. gauge                            |
| 520519A      | 3/4" sweat, temp. gauge                            |
| 520610A      | 1" NPT male unions, temp. gauge                    |
| 520610AC     | 1" NPT male unions, temp. gauge, inlet checks      |
| 520614A      | 1" PEX crimp unions, temp. gauge                   |
| 520614AC     | 1" PEX crimp unions, temp. gauge, inlet checks     |
| 520615A      | 1" PEX expansion unions, temp. gauge               |
| 520615AC     | 1" PEX expansion unions, temp. gauge, inlet checks |
| 520616A      | 1" Press unions, temp. gauge                       |
| 520616AC     | 1" Press unions, temp. gauge, inlet checks         |
| 520619A      | 1" Sweat unions, temp. gauge                       |
| 520619AC     | 1" Sweat unions, temp. gauge, inlet checks         |

#### Series 520 AngleMix™ DL Thermostatic Mixing Valve, Point of Distribution or Point of Use

| Model Number | Description   |
|--------------|---|
| 520410AC     | 1/2" NPT male union, temp. gauge, inlet checks        |
| 520414AC     | 1/2" PEX Crimp unions, temp. gauge, inlet checks      |
| 520415AC     | 1/2" PEX Expansions unions, temp. gauge, inlet checks |
| 520416AC     | 1/2" press, temp. gauge, inlet checks                 |
| 520419AC     | 1/2" sweat, temp. gauge, inlet checks                 |
| 520510AC     | 3/4" NPT male union, temp. gauge, inlet checks        |
| 520514AC     | 3/4" PEX Crimp unions, temp. gauge, inlet checks      |
| 520515AC     | 3/4" PEX Expansions unions, temp. gauge, inlet checks |
| 520516AC     | 3/4" press, temp. gauge, inlet checks                 |
| 520519AC     | 3/4" sweat, temp. gauge, inlet checks                 |

#### Series 520 TankMixer™ Point of Distribution Thermostatic Mixing Valve Assembly

| Model Number | Description  |
|--------------|--|
| 520500AX     | 3/4" FNPT tank, 18" flex hose, cross, 3/4" NPT male union system |
| 520506AX     | 3/4" FNPT tank, 18" flex hose, cross, 3/4" press union system    |
| 520509AX     | 3/4" FNPT tank, 18" flex hose, cross, 3/4" sweat union system    |

|          |   |
|----------|---|
| 520510AX | 3/4" FNPT tank, 18" flex hose, cross, 3/4" NPT male union system, gauge |
| 520516AX | 3/4" FNPT tank, 18" flex hose, cross, 3/4" press union system, gauge    |
| 520519AX | 3/4" FNPT tank, 18" flex hose, cross, 3/4" sweat union system, gauge    |

**Series KIT290 TankMixer™ Point of Distribution Thermostatic Mixing Valve Assembly with Service Valves**

| Model Number | Description  |
|--------------|--|
| KIT290510A   | 3/4" FNPT Appliance, 18" flex hose, cross, 3/4" NPT male union system      |
| KIT290516A   | 3/4" FNPT Appliance, 18" flex hose, cross, 3/4" press union system         |
| KIT290517A   | 3/4" FNPT Appliance, 18" flex hose, cross, 3/4" PEX crimp union system     |
| KIT290518A   | 3/4" FNPT Appliance, 18" flex hose, cross, 3/4" PEX expansion union system |
| KIT290519A   | 3/4" FNPT Appliance, 18" flex hose, cross, 3/4" sweat union system         |

**Series 520 PivotMixer™ Point of Distribution Thermostatic Mixing Valve Assembly with Offset Fittings**

| Model Number | Description  |
|--------------|--|
| 520510AP     | 3/4" FNPT tank, 18" flex hose, cross, 3/4" NPT male union system |
| 520516AP     | 3/4" FNPT tank, 18" flex hose, cross, 3/4" press union system    |
| 520519AP     | 3/4" FNPT tank, 18" flex hose, cross, 3/4" sweat union system    |

**Series 5212 SinkMixer™ Point of Use Thermostatic Mixing Valve for Scald Protection**

| Model Number | Description                                       |
|--------------|---|
| 521201A      | 3/8" compression, 4-port                          |
| 521201AP     | 3/8" compression, incl. plug and fittings, 4-port |
| 521204A      | 3/8" compression, incl. plug and fittings, 3-port |

**Series 5213 TubMixer™ Point of Use Thermostatic Mixing Valve for Scald Protection**

| Model Number | Description  |
|--------------|--|
| 521301A      | 1" G-Thread Union Body for 3/8", 1/2", 3/4", and 1" Fittings, 3-port |
| 521333A      | 3/8" compression unions, inlet check valves, 3-port                  |
| 521342A      | 1/2" NPT male unions, inlet checks valves, 3-port                    |
| 521346A      | 1/2" Press unions, inlet check valves, 3-port                        |
| 521347A      | 1/2" PEX Crimp, inlet check valves, 3-port                           |
| 521348A      | 1/2" PEX Expansion, inlet check valves, 3-port                       |
| 521349A      | 1/2" Sweat, inlet check valves, 3-port                               |
| 521352A      | 3/4" NPT male unions, inlet checks valves, 3-port                    |
| 521356A      | 3/4" Press unions, inlet check valves, 3-port                        |
| 521357A      | 3/4" PEX Crimp, inlet check valves, 3-port                           |
| 521358A      | 3/4" PEX Expansion, inlet check valves, 3-port                       |
| 521359A      | 3/4" Sweat, inlet check valves, 3-port                               |
| 521362A      | 1" NPT male unions, inlet checks valves, 3-port                      |
| 521366A      | 1" Press unions, inlet check valves, 3-port                          |
| 521367A      | 1" PEX Crimp, inlet check valves, 3-port                             |
| 521368A      | 1" PEX Expansion, inlet check valves, 3-port                         |
| 521369A      | 1" Sweat, inlet check valves, 3-port                                 |
| 521333A 002  | 3/8" compression unions, inlet check valves, temp. gauge, 3-port     |
| 521342A 002  | 1/2" NPT male unions, inlet checks valves, temp. gauge, 3-port       |
| 521346A 002  | 1/2" Press unions, inlet check valves, temp. gauge, 3-port           |
| 521347A 002  | 1/2" PEX Crimp, inlet check valves, temp. gauge, 3-port              |
| 521348A 002  | 1/2" PEX Expansion, inlet check valves, temp. gauge, 3-port          |
| 521349A 002  | 1/2" Sweat, inlet check valves, temp. gauge, 3-port                  |
| 521352A 002  | 3/4" NPT male unions, inlet checks valves, temp. gauge, 3-port       |
| 521356A 002  | 3/4" Press unions, inlet check valves, temp. gauge, 3-port           |

|             |  |
|-------------|--|
| 521357A 002 | 3/4" PEX Crimp, inlet check valves, temp. gauge, 3-port      |
| 521358A 002 | 3/4" PEX Expansion, inlet check valves, temp. gauge, 3-port  |
| 521359A 002 | 3/4" Sweat, inlet check valves, temp. gauge, 3-port          |
| 521362A 002 | 1" NPT male unions, inlet checks valves, temp. gauge, 3-port |
| 521366A 002 | 1" Press unions, inlet check valves, temp. gauge, 3-port     |
| 521367A 002 | 1" PEX Crimp, inlet check valves, temp. gauge, 3-port        |
| 521368A 002 | 1" PEX Expansion, inlet check valves, temp. gauge, 3-port    |
| 521369A 002 | 1" Sweat, inlet check valves, temp. gauge, 3-port            |

### Series 521 MixCal™ Point of Distribution Thermostatic Mixing Valve

| Model Number | Description  |
|--------------|--|
| 521101A      | 1" G-Thread Union Body for 1/2", 3/4", and 1" Fittings           |
| 521400A      | 1/2" NPT male unions   |
| 521400AC     | 1/2" NPT male unions, inlet check valves                         |
| 521406A      | 1/2" Press unions  |
| 521406AC     | 1/2" Press unions, inlet check valves                            |
| 521407A      | 1/2" PEX Crimp unions  |
| 521407AC     | 1/2" PEX Crimp unions, inlet check valves                        |
| 521408A      | 1/2" PEX Expansion unions  |
| 521408AC     | 1/2" PEX Expansion unions, inlet check valves                    |
| 521409A      | 1/2" Sweat unions  |
| 521409AC     | 1/2" Sweat unions, inlet check valves                            |
| 521410A      | 1/2" NPT male unions, temperature gauge                          |
| 521410AC     | 1/2" NPT male unions, inlet check valves, temperature gauge      |
| 521416A      | 1/2" Press unions, temperature gauge                             |
| 521416AC     | 1/2" Press unions, inlet check valves, temperature gauge         |
| 521417A      | 1/2" PEX Crimp unions, temperature gauge                         |
| 521417AC     | 1/2" PEX Crimp unions, inlet check valves, temperature gauge     |
| 521418A      | 1/2" PEX Expansion unions, temperature gauge                     |
| 521418AC     | 1/2" PEX Expansion unions, inlet check valves, temperature gauge |
| 521419A      | 1/2" Sweat unions, temperature gauge                             |
| 521419AC     | 1/2" Sweat unions, inlet check valves, temperature gauge         |
| 521500A      | 3/4" NPT male unions   |
| 521500AC     | 3/4" NPT male unions, inlet check valves                         |
| 521506A      | 3/4" Press unions  |
| 521506AC     | 3/4" Press unions, inlet check valves                            |
| 521507A      | 3/4" PEX Crimp unions  |
| 521507AC     | 3/4" PEX Crimp unions, inlet check valves                        |
| 521508A      | 3/4" PEX Expansion unions  |
| 521508AC     | 3/4" PEX Expansion unions, inlet check valves                    |
| 521509A      | 3/4" Sweat unions  |
| 521509AC     | 3/4" Sweat unions, inlet check valves                            |
| 521510A      | 3/4" NPT male unions, temperature gauge                          |
| 521510AC     | 3/4" NPT male unions, inlet check valves, temperature gauge      |
| 521516A      | 3/4" Press unions, temperature gauge                             |
| 521516AC     | 3/4" Press unions, inlet check valves, temperature gauge         |
| 521517A      | 3/4" PEX Crimp unions, temperature gauge                         |
| 521517AC     | 3/4" PEX Crimp unions, inlet check valves, temperature gauge     |
| 521518A      | 3/4" PEX Expansion unions, temperature gauge                     |
| 521518AC     | 3/4" PEX Expansion unions, inlet check valves, temperature gauge |
| 521519A      | 3/4" Sweat unions, temperature gauge                             |
| 521519AC     | 3/4" Sweat unions, inlet check valves, temperature gauge         |



|          |  |
|----------|--|
| 521600A  | 1" NPT male unions   |
| 521600AC | 1" NPT male unions, inlet check valves                         |
| 521606A  | 1" Press unions  |
| 521606AC | 1" Press unions, inlet check valves                            |
| 521607A  | 1" PEX Crimp unions  |
| 521607AC | 1" PEX Crimp unions, inlet check valves                        |
| 521608A  | 1" PEX Expansion unions  |
| 521608AC | 1" PEX Expansion unions, inlet check valves                    |
| 521609A  | 1" Sweat unions  |
| 521609AC | 1" Sweat unions, inlet check valves                            |
| 521610A  | 1" NPT male unions, temperature gauge                          |
| 521610AC | 1" NPT male unions, inlet check valves, temperature gauge      |
| 521616A  | 1" Press unions, temperature gauge                             |
| 521616AC | 1" Press unions, inlet check valves, temperature gauge         |
| 521617A  | 1" PEX Crimp unions, temperature gauge                         |
| 521617AC | 1" PEX Crimp unions, inlet check valves, temperature gauge     |
| 521618A  | 1" PEX Expansion unions, temperature gauge                     |
| 521618AC | 1" PEX Expansion unions, inlet check valves, temperature gauge |
| 521619A  | 1" Sweat unions, temperature gauge                             |
| 521619AC | 1" Sweat unions, inlet check valves, temperature gauge         |

#### Series 5231 MixCal+™ Point of Distribution Thermostatic Mixing Valve

| Model Number | Description   |
|--------------|---|
| 523179A      | 1-1/2" G-Thread Union Body for 1" & 1-1/4" Fittings     |
| 523199A      | 2-1/2" G-Thread Union Body for 1-1/2" & 2-1/2" Fittings |
| 523160A      | 1" NPT male unions                                      |
| 523166A      | 1" Press unions   |
| 523168A      | 1" Sweat unions   |
| 523170A      | 1-1/4" NPT male unions                                  |
| 523176A      | 1-1/4" Press unions                                     |
| 523177A      | 1-1/4" Sweat unions, temp. gauge                        |
| 523178A      | 1-1/4" Sweat unions                                     |
| 523180A      | 1-1/2" NPT male unions                                  |
| 523186A      | 1-1/2" Press unions                                     |
| 523188A      | 1-1/2" Sweat unions                                     |
| 523190A      | 2" NPT male unions                                      |
| 523196A      | 2" Press unions   |
| 523198A      | 2" Sweat unions   |

#### Series 533 PresCal™ Compact Pressure Reducing Valve

| Model Number | Description   |
|--------------|---|
| NA533449HA   | Single Union Body for 1/2" Fittings                               |
| NA533459HA   | Single Union Body for 3/4" Fittings                               |
| 533340HA     | 1/2" NPT Female union inlet, integral FNPT outlet                 |
| 533341HA     | 1/2" NPT Female union inlet, integral FNPT outlet, pressure gauge |
| 533350HA     | 3/4" NPT Female union inlet, integral FNPT outlet                 |
| 533351HA     | 3/4" NPT Female union inlet, integral FNPT outlet, pressure gauge |
| 533442H WMF  | 1/2" Fitting  |
| 533444H WMF  | 1/2" Fitting  |
| 533640HA     | 1/2" Press union inlet, integral FNPT outlet                      |
| 533641HA     | 1/2" Press union inlet, integral FNPT outlet, pressure gauge      |
| 533650HA     | 3/4" Press union inlet, integral FNPT outlet                      |

|          |  |
|----------|--|
| 533651HA | 3/4" Press union inlet, integral FNPT outlet, pressure gauge         |
| 533750HA | 3/4" PEX crimp union inlet, integral FNPT outlet                     |
| 533751HA | 3/4" PEX crimp union inlet, integral FNPT outlet, pressure gauge     |
| 533850HA | 3/4" PEX Expansion union inlet, integral FNPT outlet                 |
| 533851HA | 3/4" PEX Expansion union inlet, integral FNPT outlet, pressure gauge |
| 533940HA | 1/2" Sweat union inlet, integral FNPT outlet                         |
| 533941HA | 1/2" Sweat union inlet, integral FNPT outlet, pressure gauge         |
| 533950HA | 3/4" Sweat union inlet, integral FNPT outlet                         |
| 533951HA | 3/4" Sweat union inlet, integral FNPT outlet, pressure gauge         |

### Series 535 PresCal™ Pressure Reducing Valve

| Model Number | Description  |
|--------------|--|
| NA535840HA   | Dual Union Body Only for 1/2" Fittings   |
| NA535841HA   | Dual Union Body Only for 1/2" Fittings with Gauge                                |
| NA535850HA   | Dual Union Body Only for 3/4" Fittings   |
| NA535851HA   | Dual Union Body Only for 3/4" Fittings with Gauge                                |
| NA535860HA   | Dual Union Body Only for 1" Fittings   |
| NA535861HA   | Dual Union Body Only for 1" Fittings with Gauge                                  |
| NA535870HA   | Dual Union Body Only for 1-1/4" Fittings   |
| NA535871HA   | Dual Union Body Only for 1-1/4" Fittings with Gauge                              |
| NA535880HA   | Dual Union Body Only for 1-1/2" Fittings   |
| NA535881HA   | Dual Union Body Only for 1-1/2" Fittings with Gauge                              |
| NA535890HA   | Dual Union Body Only for 2" Fittings   |
| NA535891HA   | Dual Union Body Only for 2" Fittings with Gauge                                  |
| 535320HA 005 | 1-1/4" NPT Female union inlet, 1-1/4" PEX Expansion union outlet, 1" body        |
| 535321HA 005 | 1-1/4" NPT Female union inlet, 1-1/4" PEX Expansion union outlet, 1" body, gauge |
| 535340HA     | 1/2" NPT Female unions   |
| 535341HA     | 1/2" NPT Female unions, gauge  |
| 535350HA     | 3/4" NPT Female unions   |
| 535350HA 005 | 3/4" NPT Female union inlet, 3/4" PEX Expansion union outlet                     |
| 535351HA     | 3/4" NPT Female unions   |
| 535351HA 005 | 3/4" NPT Female union inlet, 3/4" PEX Expansion union outlet, gauge              |
| 535360HA     | 1" NPT Female unions   |
| 535360HA 005 | 1" NPT Female union inlet, 1" PEX Expansion union outlet                         |
| 535361HA     | 1" NPT Female unions, gauge  |
| 535361HA 005 | 1" NPT Female union inlet, 1" PEX Expansion union outlet, gauge                  |
| 535370HA     | 1-1/4" NPT Female unions   |
| 535371HA     | 1-1/4" NPT Female unions, gauge  |
| 535380HA     | 1-1/2" NPT Female unions   |
| 535381HA     | 1-1/2" NPT Female unions, gauge  |
| 535390HA     | 2" NPT Female unions   |
| 535391HA     | 2" NPT Female unions, gauge  |
| 535520HA     | 1-1/4" PEX Expansion unions, 1" body   |
| 535521HA     | 1-1/4" PEX Expansion unions, 1" body, gauge                                      |
| 535550HA     | 3/4" PEX Expansion unions  |
| 535551HA     | 3/4" PEX Expansion unions, gauge   |
| 535560HA     | 1" PEX Expansion unions  |
| 535561HA     | 1" PEX Expansion unions, gauge   |
| 535640HA     | 1/2" Press unions  |
| 535641HA     | 1/2" Press unions, gauge   |
| 535650HA     | 3/4" Press unions  |
| 535651HA     | 3/4" Press unions, gauge   |

|          |                                     |
|----------|-------------------------------------|
| 535660HA | 1" Press unions                     |
| 535661HA | 1" Press unions, gauge              |
| 535670HA | 1-1/4" Press unions                 |
| 535671HA | 1-1/4" Press unions, gauge          |
| 535680HA | 1-1/2" Press unions                 |
| 535681HA | 1-1/2" Press unions, gauge          |
| 535690HA | 2" Press unions                     |
| 535691HA | 2" Press unions, gauge              |
| 535750HA | 3/4" PEX Crimp unions               |
| 535751HA | 3/4" PEX Crimp unions, gauge        |
| 535760HA | 1" PEX Crimp unions                 |
| 535761HA | 1" PEX Crimp unions, gauge          |
| 535920HA | 1-1/4" Sweat unions, 1" body        |
| 535921HA | 1-1/4" Sweat unions, 1" body, gauge |
| 535940HA | 1/2" Sweat unions                   |
| 535941HA | 1/2" Sweat unions, gauge            |
| 535950HA | 3/4" Sweat unions                   |
| 535951HA | 3/4" Sweat unions, gauge            |
| 535960HA | 1" Sweat unions                     |
| 535961HA | 1" Sweat unions, gauge              |
| 535970HA | 1-1/4" Sweat unions                 |
| 535971HA | 1-1/4" Sweat unions, gauge          |
| 535980HA | 1-1/2" Sweat unions                 |
| 535981HA | 1-1/2" Sweat unions, gauge          |
| 535990HA | 2" Sweat unions                     |
| 535991HA | 2" Sweat unions, gauge              |

#### Series 536 PresCal™ HP Pressure Reducing Valve

| Model Number | Description                     |
|--------------|---------------------------------|
| 536043A 103  | 1/2" NPT female unions, gauge   |
| 536043A 106  | 1/2" Press unions, gauge        |
| 536043A 109  | 1/2" Sweat unions, gauge        |
| 536044A 103  | 1/2" NPT female unions, gauge   |
| 536044A 106  | 1/2" Press unions, gauge        |
| 536044A 109  | 1/2" Sweat unions, gauge        |
| 536053A 103  | 3/4" NPT female unions, gauge   |
| 536053A 106  | 3/4" Press unions, gauge        |
| 536053A 109  | 3/4" Sweat unions, gauge        |
| 536054A 103  | 3/4" NPT female unions, gauge   |
| 536054A 106  | 3/4" Press unions, gauge        |
| 536054A 109  | 3/4" Sweat unions, gauge        |
| 536063A 103  | 1" NPT female unions, gauge     |
| 536063A 106  | 1" Press unions, gauge          |
| 536063A 109  | 1" Sweat unions, gauge          |
| 536064A 103  | 1" NPT female unions, gauge     |
| 536064A 106  | 1" Press unions, gauge          |
| 536064A 109  | 1" Sweat unions, gauge          |
| 536073A 103  | 1-1/4" NPT female unions, gauge |
| 536073A 106  | 1-1/4" Press unions, gauge      |
| 536073A 109  | 1-1/4" Sweat unions, gauge      |
| 536074A 103  | 1-1/4" NPT female unions, gauge |
| 536074A 106  | 1-1/4" Press unions, gauge      |

|             |                                 |
|-------------|---------------------------------|
| 536074A 109 | 1-1/4" Sweat unions, gauge      |
| 536083A 103 | 1-1/2" NPT female unions, gauge |
| 536083A 106 | 1-1/2" Press unions, gauge      |
| 536083A 109 | 1-1/2" Sweat unions, gauge      |
| 536084A 103 | 1-1/2" NPT female unions, gauge |
| 536084A 106 | 1-1/2" Press unions, gauge      |
| 536084A 109 | 1-1/2" Sweat unions, gauge      |
| 536093A 103 | 2" NPT female unions, gauge     |
| 536093A 106 | 2" Press unions, gauge          |
| 536093A 109 | 2" Sweat unions, gauge          |

#### Series KIT536 Two Stage Pressure Reducing Valve Kit

| Model Number   | Description            |
|----------------|------------------------|
| KIT536535A 053 | 3/4" NPT Female unions |
| KIT536535A 056 | 3/4" Press unions      |
| KIT536535A 059 | 3/4" Sweat unions      |
| KIT536535A 063 | 1" NPT Female unions   |
| KIT536535A 066 | 1" Press unions        |
| KIT536535A 069 | 1" Sweat unions        |

#### Series 573 FlowShield™ DuC-AV, Dual Check Backflow Preventer with Atmospheric Vent

| Model Number | Description  |
|--------------|--|
| 573100A      | Body Only  |
| 573403A      | 1/2" NPT female unions                               |
| 573406A      | 1/2" Press unions                                    |
| 573409A      | 1/2" Sweat unions                                    |
| 573493A      | 1/2" Sweat union inlet, 1/2" NPT female union outlet |
| 573503A      | 3/4" NPT female unions                               |
| 573509A      | 3/4" Sweat unions                                    |

#### Series 574 FlowShield™ RP, Reduced Pressure Principle Backflow Preventer

| Model Number | Description           |
|--------------|-----------------------|
| 574004A      | 1/2" integral FNPT    |
| 574006A      | 1" integral FNPT      |
| 574050A      | 3/4" integral FNPT    |
| 574056A      | 3/4" integral Press   |
| 574064A      | 1/2" integral Press   |
| 574066A      | 1" integral Press     |
| 574700A      | 1-1/4" integral FNPT  |
| 574706A      | 1-1/4" integral Press |
| 574801A      | 1-1/2" integral FNPT  |
| 574806A      | 1-1/2" integral Press |
| 574900A      | 2" integral FNPT      |
| 574906A      | 2" integral Press     |

#### Series 6000 LEGIOMIX™ Point of Distribution Electronic Mixing Valve

| Model Number | Description                   |
|--------------|-------------------------------|
| 600054A      | 3/4" NPT male unions          |
| 600056A      | 3/4" Press unions             |
| 600059A      | 3/4" Sweat unions             |
| 600064A 001  | 1" NPT male unions, 3/4" body |
| 600066A 001  | 1" Press unions, 3/4" body    |

|             |                            |
|-------------|----------------------------|
| 600069A 001 | 1" Sweat unions, 3/4" body |
| 600064A     | 1" NPT male unions         |
| 600066A     | 1" Press unions            |
| 600069A     | 1" Sweat unions            |
| 600074A     | 1-1/4" NPT male unions     |
| 600076A     | 1-1/4" Press unions        |
| 600079A     | 1-1/4" Sweat unions        |
| 600084A     | 1-1/2" NPT male unions     |
| 600086A     | 1-1/2" Press unions        |
| 600089A     | 1-1/2" Sweat unions        |
| 600094A     | 2" NPT male unions         |
| 600096A     | 2" Press unions            |
| 600099A     | 2" Sweat unions            |
| 600060A     | 2-1/2" ANSI 150 Flanges    |
| 600080A     | 3" ANSI 150 Flanges        |

**Series NA108 Isolation Ball Valves**

| Model Number | Description |
|--------------|-------------|
| NA10824      | 1/2" FNPT   |
| NA10825      | 3/4" FNPT   |
| NA10826      | 1" FNPT     |
| NA10827      | 1-1/4" FNPT |
| NA10828      | 1-1/2" FNPT |
| NA10829      | 2" FNPT     |

**Series NA5026 PLUMBVENT™ Automatic Air Vent**

| Model Number | Description        |
|--------------|--------------------|
| NA502640A    | 1/2" integral MNPT |

**Series NA51 Serviceable Check Valve, Stainless Steel**

| Model Number | Description                                     |
|--------------|---|
| NA51200      | 1" G-Thread body for 1/2" and 3/4" Fittings     |
| NA51300      | 1-1/2" G-Thread body for 1" and 1-1/4" Fittings |
| NA51400      | 2-1/2" G-Thread body for 1-1/2" and 2" Fittings |
| NA51240      | 1/2" NPT male union                             |
| NA51243      | 1/2" NPT female union                           |
| NA51246      | 1/2" press union                                |
| NA51247      | 1/2" PEX crimp                                  |
| NA51248      | 1/2" PEX expansion                              |
| NA51249      | 1/2" sweat union                                |
| NA51250      | 3/4" NPT male union                             |
| NA51253      | 3/4" NPT female union                           |
| NA51256      | 3/4" press union                                |
| NA51257      | 3/4" PEX crimp                                  |
| NA51258      | 3/4" PEX expansion                              |
| NA51259      | 3/4" sweat union                                |
| NA51360      | 1" NPT male union                               |
| NA51361      | 1" MNPT in, 1" FNPT out                         |
| NA51363      | 1" NPT female union                             |
| NA51366      | 1" press union                                  |
| NA51369      | 1" sweat union                                  |
| NA51370      | 1 1/4" NPT male union                           |



|         |                                 |
|---------|---------------------------------|
| NA51371 | 1-1/4" MNPT in, 1-1/4" FNPT out |
| NA51373 | 1-1/4" NPT female union         |
| NA51376 | 1-1/4" press union              |
| NA51379 | 1½" sweat union                 |
| NA51480 | 1½" NPT male union              |
| NA51486 | 1½" press union                 |
| NA51489 | 1½" sweat union                 |
| NA51490 | 2" NPT male union               |
| NA51493 | 2" NPT female union             |
| NA51496 | 2" press union                  |
| NA51499 | 2" sweat union                  |

#### Series Z2 & Z3 Z-one™ Zone Valve

| Model Number | Description            |
|--------------|------------------------|
| Z207411      | 2-way 1/2" NPT         |
| Z207433      | 2-way 1/2" SWT         |
| Z207533      | 2-way 3/4" SWT, 3.5 Cv |
| Z207537      | 2-way 3/4" SWT         |
| Z307433      | 2-way 1/2" SWT         |
| Z307537      | 2-way 3/4" SWT         |

#### Series 290 Union Isolation Ball Valves

| Model Number | Description                 |
|--------------|-----------------------------|
| 290030       | 1" MxF G threads            |
| 290031       | 1" MxF G threads, ext. stem |

#### Lead Free Accessory Components

| Model Number | Description  |
|--------------|--|
| 100001A      | PT Test Port, 1-1/2" length, pair  |
| F0001946     | Expansion device for 536 PresCal HP + 535 PresCal 2-Stage Pressure Reduction Kit |
| F0000492     | 1/2" PEX crimp fitting for 1" G-Thread   |
| F0000520     | 3/4" PEX crimp fitting for 1" G-Thread   |
| F0000521     | 1" PEX crimp fitting for 1" G-Thread   |
| F0001007     | 1/2" PEX expansion fitting for 1" G-Thread                                       |
| F0001008     | 3/4" PEX expansion fitting for 1" G-Thread                                       |
| F0001009     | 1" PEX expansion fitting for 1" G-Thread   |
| NA10056      | 3/4" Sweat temperature probe fitting assembly                                    |
| NA10058      | 1" Sweat temperature probe fitting assembly                                      |
| NA10315      | 1-1/4" Sweat temperature probe fitting assembly                                  |
| NA10328      | 1/2" Sweat temperature probe fitting assembly                                    |
| NA10354      | ½" Sweat PT tap assembly   |
| NA10355      | ¾" Sweat PT tap assembly   |
| NA10356      | 1" Sweat PT tap assembly   |
| NA10358      | 1" G-Thread gauge adapter assembly   |
| NA10366      | Check Valve for 1" and 1-1/4" Mixing Valves                                      |
| NA10367      | Check Valve for 1-1/2" and 2" Mixing Valves                                      |
| NA10461      | Gauge adapter for 1-1/2" and 2" Mixing Valves                                    |
| NA10467      | 3/4" MNPT x FNPT check valve assy  |
| NA10469      | 1/2" MNPT x FNPT check valve assy  |
| NA10476      | Gauge adapter for 1" and 1-1/4" Mixing Valves                                    |
| NA10498      | Dry Well, Tin Plated   |

## Conditions of listing:

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