



cim747.1

Fixed Orifice Balancing Valve



cim787.1

Variable Orifice Balancing Valve

**Coming
Soon**



cim788.1

**Actuated Balancing Valve
(On/Off & Modulating)**

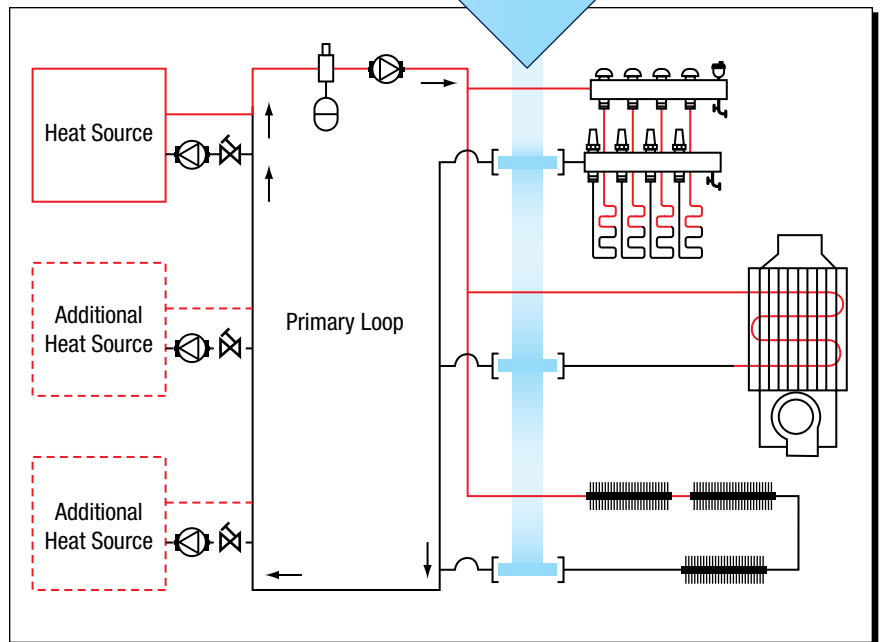


cim790.1

Automatic Balancing Valve

cimBALANCE

Take Control of Your System with Cimberio Balancing Valves!



Optimize your system's performance with Cimberio's balancing valves. Suitable for both heating and cooling systems, Cimberio's balancing valves are designed to provide accurate flow balancing for all units throughout the system; ensuring consistent temperatures and reducing energy consumption.

All Cimberio balancing valves are manufactured to ISO 9001 and feature a compact design with integrated measuring nipples and corrosion-resistant brass bodies.

Applications include fan coils, VAV, branch lines, pumps, heating or cooling systems, multiple boiler arrangements, radiant lines, and terminal vents.

cim747.1 Fixed Orifice Balancing Valve

- Perfectly combines regulating valve and flow measuring device in a one-piece valve body that ensures high accuracy flow balancing across all valve settings
- Fixed orifice design allows high accuracy flow measurement to within $\pm 5\%$ regardless of valve setting
- Metal to metal locking mechanism “remembers” valve settings, enabling the valve to be closed and re-opened to its exact pre-set position — eliminating the need for rebalancing after servicing
- Heat and impact resistant handle with a 360° re-settable indicator scale that can be read from any angle
- EPDM lined valve plug provides increased control and tight shut-off for isolation purposes
- Operating Pressure: 232 PSI; Temperature: 14° F – 248° F
- Available in 1/2" – 2" sizes
- Available Connections:
Cim747.1: NPT
Cim747PRS.1: Press



cim787.1 Variable Orifice Balancing Valve

- One piece construction includes balance regulating valve and measuring nipples
- Thread locking mechanism “remembers” valve settings, enabling the valve to be closed and re-opened to its exact pre-set position — eliminating the need for rebalancing after servicing
- Heat and impact resistant handle with a 360° re-settable indicator scale that can be read from any angle
- EPDM lined valve plug provides increased control and tight shut-off for isolation purposes
- Operating Pressure: 290 PSI; Temperature: 14° F – 248° F
- Available in 1/2" – 2" sizes
- Available Connections:
Cim787.1: NPT
Cim787CC.1: SWT
Cim787PRS.1: Press



cim788.1 Actuated Balancing Valve

- Pre-set balancing valve with thermoelectric actuator for opening and closing valves on heating circuit distributors on floor heating systems
- Available in 3 models:
Cim788NC.1, normally closed (110V or 24V)
Cim788NO.1, normally opened (110V or 24V)
Cim788PRO.1, normally closed with internal electronic unit for proportional control of valves used in building management systems (0–10VDC control voltage)
- EPDM lined valve plug provides increased control and tight shut-off for isolation purposes
- Compact size, small dimensions
- All around functional indicator
- Easy actuator snap-on installation
- Low power consumption
- 360° installation actuator position
- Over voltage protection
- Cim788PRO.1 is self-calibrating with first-open function, closing point detection, and proportional actuating travel
- Operating Pressure: 290 PSI; Temperature: 14° F – 248° F
- Max. Closing Pressure: 30 PSIG (70 feet of head)
- Available in 1/2" – 1" sizes



cim790.1 Automatic Balancing Valve

- Specially designed cartridge makes it difficult for dirt and debris to accumulate — debris won't compromise valve accuracy
- Provides constant flow to a pre-set rate through the use of a removable cartridge
- Cartridge can be easily removed without the use of a special tool for quick change-out, inspection, and cleaning
- System remains balanced even under fluctuating pressure
- Saves time — no need to balance and re-balance system
- Compact installation
- Rubber diaphragm reduces water hammer
- Accurate to within 5% of specified flow rate
- Operating Pressure: 300 PSI; Temperature: -4° F – 248° F
- Available in 1/2" – 2" sizes

