

AB-QM™ Pressure Independent Balancing Control Valves (PIBCV)

Achieve Simple, Affordable, Comfort with easy, energy saving AB-QM™.



What is AB-QM™?

AB-QM™ is a PIBCV that controls hydronic system flow, to match the load, continuously balancing the system, under pressure changes.

PIBCV 3 IN 1 Design
CONTROL
BALANCE
FLOW LIMITATION

Unique Design

The exclusive AB-QM™ globe valve design incorporates a pressure independent **control** & a differential pressure regulator, that absorbs changing building pressures, constantly **balancing**, & establishing a high **flow limitation** through the valve. [See it in action here: bit.ly/ABQMflow](https://bit.ly/ABQMflow).

Typical Applications

- Hot / cold water coils
- Variable air volume units (VAV)
- Sensible-cooling terminal units
- Fan coil units
- Air handling units (AHU)



Response to pressure & temperature:
NO DELAYS

System Stability



Control valve authority:
NO HUNTING

Unlike traditional valves in variable flow systems that waste energy by constantly opening & closing, AB-QM™ valves are specifically designed for pressure fluctuations, providing **stable & accurate** flow control, eliminating overflow, increasing Delta-T (ΔT), & reducing inefficiency.

Easy Selection

Simple to set & size:
NO COMPLEXITY.



AB-QM™ is selected based on flow requirements & piping size, eliminating the need for time consuming Cv calculations & complicated algorithms. [View Quick Select Guide now: bit.ly/ABQMQuickSelectGuide](https://bit.ly/ABQMQuickSelectGuide).

Benefits

ΔT to Boiler - lower return temperature to boilers through improved system heat transfer by effective control of flow.

Pumping - reduced overflows allowing the pump to run on lower speeds.

Temperature Setting - precise and accurate control, allowing ideal comfort.



The end result:
ENERGY SAVINGS & COMFORT.



Pressure independent control excellence from the global market leader for over 30 years.

Learn more at:
ABQMvalves.com