Learn how AB-QM™ Pressure Independent Temperature Control Valves (PICVs) have been increasing patient comfort, reducing complaints, and providing substantial energy savings.

Achieving **Patient Comfort & Energy Efficiency** in Hospitals & Health Clinics

20-50% HVAC Energy Consumption Savings by installing the AB-QM specialty control valve.

www.ABQMvalves.com
EXPERIENCING PROBLEMS WITH YOUR HVAC SYSTEM?

- Patient Comfort Issues?
- Room Temperature Complaints (Some are hot, others are cold)?
- Increased Maintenance Costs?
- Time lost addressing complaints?
- Balancing and Flow Issues?

So what if there was a way to:

✓ Increase patient comfort?
✓ Reduce complaints?
✓ Cut energy consumption?

Would you be interested?...

HAVE YOU TRIED ANY OF THESE TEMPORARY SOLUTIONS?

These solutions are only a 'temporary fix' and will not help with energy savings! Treat the cause, not the symptom - Fix it at the source with Danfoss AB-QM™.

Temporary Solutions Lead to:
- Wasted Energy
- Wasted $$$
- Balancing Issues
- Lost System Control
- Additional Noise
- Additional Space & Energy used

Spot Coolers
Many hospitals add supplemental equipment in suites to keep patients cool and room temperatures at comfortable levels.

3-Way Valves on AHUs
3-Way Valves are designed at full load conditions, yet operated at partial loads the majority of the time.
INTERESTED IN A MORE EFFICIENT SOLUTION?

Danfoss AB-QM™ Pressure Independent Control Valves
The AB-QM™ is a specialty control valve that provides flows to match loads and cuts energy consumption for HVAC by 20-50%!

How They Work:
• AB-QM™ valves compensate for pressure variations, performing a continual balancing function that maintains the system performance even at varying loads.
• The predictable flow AB-QM™ provides, eliminates over-pumping which can lead to favorable energy savings.
• AB-QM™ valves prevent energizing additional chillers ($$$) by maintaining desired Delta T.

AB-QM BENEFITS EVERYONE INVOLVED...

Patient Benefits Include:
• Comfortable Room Temperatures
• Enhanced Experience
• Quality Visit
• More Likely to Return
• Recommend Facility to Friends & Family

Facility Director Benefits Include:
• Happy Patients
• Real Energy Savings $$$
• Tremendous Return on Investment (1-2 years)
• Improved comfort
• Puts System Back into Proper Balance (Less Problems)
• Maintenance Minimized
• Flexible Installation (Zoning)
• Better Reputation

Contractor Benefits Include:
• Reduced installation time
• Easy Selection – No CV calculation required
• Simplified - no need to continually rebalance system
• Compact design saves space in small areas like air handler units
• Designed room temperatures achieved
• Less hassle with hydronic system
HEALTH CARE PROJECT REFERENCES

The AB-QM™ PICV was introduced several years ago and has enjoyed success, which is evident from the list of health care references from around the globe.

**Toledo Hospital**
Location: Toledo, OH USA  
Products: AB-QM™ Valves (½”) installed on the heating/cooling system and fan coil units.

**Maine General Medical Center**
Location: Augusta, ME USA  
Products: 1000+ AB-QM™ Valves (¼”-10”) installed on the heating/cooling system.

**University of Missouri Hospital**
Location: Columbia, MO USA  
Products: AB-QM™ Valves (5”) installed in the air handler units.

**Houston Methodist Hospital**
Location: Houston, TX USA  
Products: AB-QM™ Valves installed in Air Handler Units throughout the hospital.

**Jeroen Bosch Hospital**
Location: S-Hertogenbosch, The Netherlands  
Products: AB-QM™ Valves installed in chilled ceilings in one of the largest facilities in the area.

**Fresenius AG**
Location: Bad Homburg, Germany  
Products: AB-QM™ Valves in the global health care facilities headquarters to aide in comfort and perfectly balanced chilled ceilings.