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

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

Scan to access 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 (½”-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.