



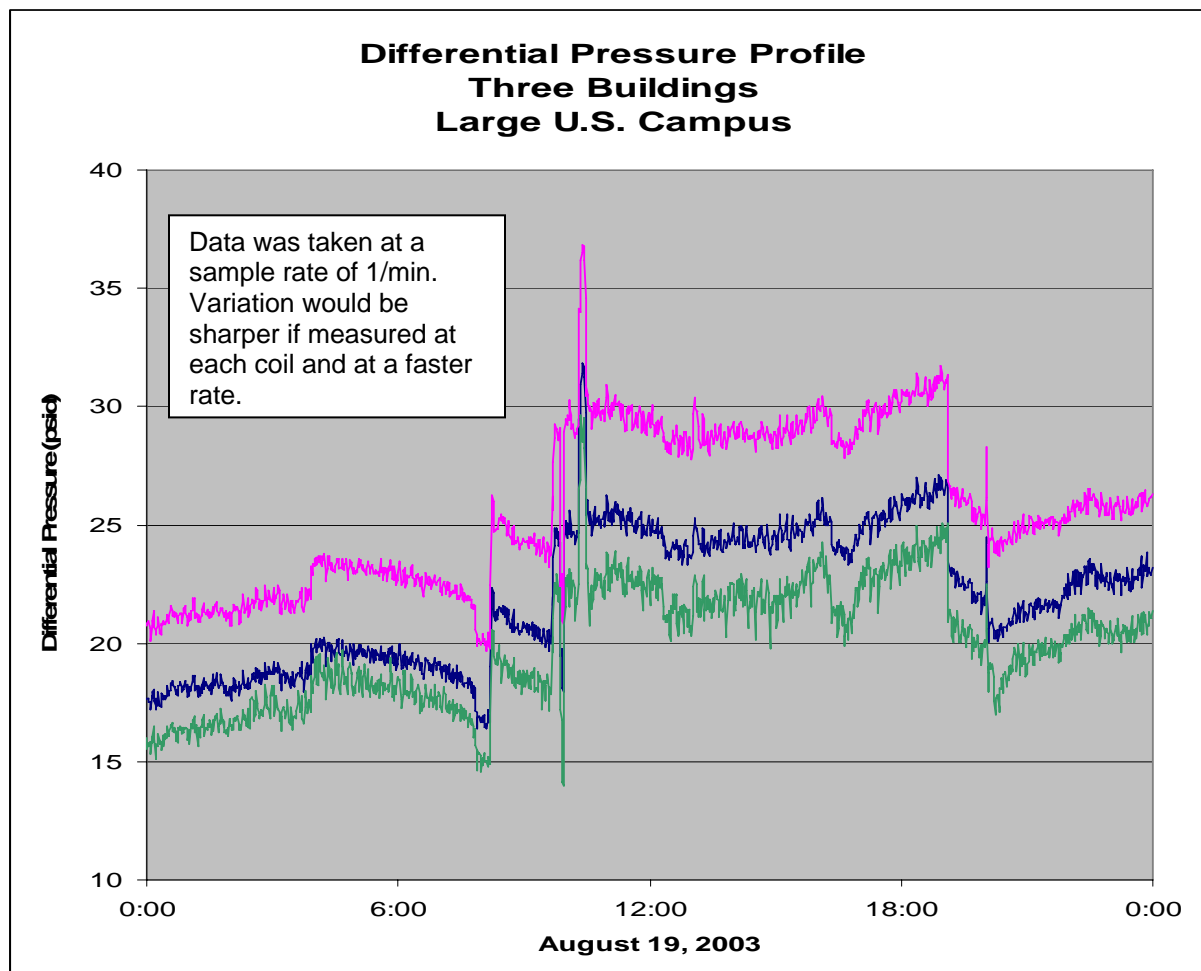
FLOW CONTROL

INDUSTRIES, INC.

Why Pressure Independent Control Valves?

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In HVAC hydronics systems, conventional control valves “hunt” in response to pressure fluctuations. As differential pressures vary, flows rates vary, with or without a change in the cooling or heating load. Pressure-dependent valves spend the vast majority of the time in motion, stroking to return to the right flow rate for the load. Control valves that hunt contribute to low delta T. This problem is typically characterized by excess flow, wasted energy, limited available capacity, and poor temperature and humidity control.



In contrast, DeltaPValves are pressure-independent modulating 2-way control valves that are not affected by system pressure variations. DeltaPValves don't hunt. Flow rate only changes when the valve position changes. The flow stays tuned to the load at all load conditions, leading to excellent stability and performance, highest possible delta T, and minimum energy use.

For more information, please contact Greg Doland, Eric Moe, or Paul Skoglund at Flow Control Industries or one of our local representatives.