DeltaPValve®
Commissioning Checklist

DeltaPValves do not need to be balanced; however, it is prudent after installation to commission the valves to ensure proper operation. This checklist does not apply to DeltaPValves installed in the central plant to control flow.

______ note the date (mm/dd/year)
______ note the DeltaPValve® serial number (on flow tag)
______ verify valve is installed in the proper location (match flow tag to unit)
______ verify valve is installed in the proper direction of flow (see arrow on casting)
______ verify that balancing valves are not installed (preferred)
______ verify isolation valves to the circuit are open
______ when the valve is flowing, verify that minimum differential pressure is available measured across ports P1 and P3 (built into the valve) *

6"-EDP-370-05-L

* minimum differential pressure (psid) REQUIRED during operation

______ apply compatible control signal to the actuator (typically from air temperature thermostat) and verify that the actuator strokes through the full range of flow

Notes:

- Direct proportional/integral control (no derivative) is recommended for best performance
- With a pneumatic actuator the stroke is set by the linkage (typically at the factory)
- With an electronic actuator the stroke may be limited in the field by setting the span of the actuator control signal
- Full stroke will take between 60 seconds and 8 minutes depending on the actuator.