

INSTALLATION AND STORAGE GUIDELINES

X-MAX Inline Control Valves

- ◆ Always flush pipelines before installation of the valve as debris may plug and/or damage valve.
- ◆ Arrow on valve housing **must** match actual flow direction. If there is no arrow on valve, make sure **line filter** is **upstream** in pipeline.
- ◆ Tighten bolts to the recommended torque for specific size and model of valve

★★DO NOT OVER-TIGHTEN BOLTS★★

4" X-MAX Inline Wafer Valve – 15 Ft. Lbs. Torque
6" X-MAX Inline Wafer Valve – 20 Ft. Lbs. Torque
8" X-MAX Inline Wafer Valve – 20 Ft. Lbs. Torque

Tighten bolts alternately 180° apart. Repeat 3 times in a star pattern.

Over-tightening of valve may cause damage to the diaphragm and void warranty

- ◆ If the valve is to be installed and operated in ambient temperatures below freezing, consult with your nearest **XCAD USA** distributor.
- ◆ If valve is shut down during cold or freezing weather, the valve control space and control system **must be drained**.
- ◆ Connect solenoid control and pressure switch to control circuit according to local electrical codes.

Optimal Flow Rate for Electric On/Off Valves - GPM

4" XMAX Inline Wafer Valve -- 200 - 800
6" XMAX Inline Wafer Valve -- 500 - 2250
8" XMAX Inline Wafer Valve -- 1200 - 4000

Specifications:

Wafer Style.
Mounts between all standard flanges.
ANSI B16,1 125 and 250
Valve Length 4" - 8 1/8"
6" - 10 1/4"
8" - 12 1/4"

Max Pressure: 140 psi

Water Temp Range: 33°F to 130°F



For Reactive/Piloted Control Valves see page 67