



# WATER SYSTEMS TANKS

## ASME VESSELS

### TYPICAL SPECIFICATIONS

#### WX-400C Series WELL-X-TROL® (Diaphragm type pre-pressurized)

The water system shall include a WELL-X-TROL, diaphragm-type pre-pressurized storage tank Model No.\_\_\_\_\_. Dimensions shall be as indicated on the drawings.

The storage tank shall be welded steel, constructed, tested and stamped in accordance with Section VIII, Division 1 of the ASME Code for a working pressure of (125 psig / 8.8 kg/cm<sup>2</sup>) (150 psig / 10.5 kg/cm<sup>2</sup>) (175 psig / 12.3 kg/cm<sup>2</sup>) (250 psig / 17.6 kg/cm<sup>2</sup>) (300 psig / 21 kg/cm<sup>2</sup>) (\_\_\_\_\_) and air pre-charged.

Each tank will have a heavy-duty butyl diaphragm with code approvals NSF/ANSI 61. Each tank shall have a polypropylene liner with antimicrobial protection. A Turbulator® water circulation device is required. The vessel(s) shall be painted with one shop coat of red oxide primer.

The manufacturer shall have at least five years experience in the fabrication of diaphragm-type ASME tanks.

#### WX440C, WX450C and WX460C Series WELL-X-TROL (bladder-type pre-pressurized)

The water system shall include a WELL-X-TROL, bladder-type pre-pressurized storage tank Model No.\_\_\_\_\_. Dimensions shall be as indicated on the drawings.

The storage tank shall be welded steel, constructed, tested and stamped in accordance with Section VIII, Division 1 of the ASME Code for a working pressure of (125 psig / 8.8 kg/cm<sup>2</sup>) (150 psig / 10.5 kg/cm<sup>2</sup>) (175 psig / 12.3 kg/cm<sup>2</sup>) (250 psig / 17.6 kg/cm<sup>2</sup>) (300 psig / 21 kg/cm<sup>2</sup>) (\_\_\_\_\_) and air pre-charged.

The tank shall be supported by steel legs or a base (integral ring mount) for a vertical installation. Each tank will have a heavy-duty butyl bladder with code approvals NSF/ANSI 61. The bladder shall have a minimum thickness of 0.100 inches. The vessel(s) shall be painted with one shop coat of red oxide primer.

The manufacturer shall have at least five years experience in the fabrication of bladder-type ASME tanks.



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