

SINCE 1908  
**wessels**  
company

SUBMITTAL

TYPE: FXT ASME PRESSURIZED  
HYDRO-PNEUMATIC TANKS  
MODELS: FXT 400 THRU FXT 480

Submittal Sheet No. F-3530.1

Date: 04-11

JOB

Wessels Representative \_\_\_\_\_

Unit Tag No. \_\_\_\_\_

Order No. \_\_\_\_\_ Date \_\_\_\_\_

Engineer \_\_\_\_\_

Submitted By \_\_\_\_\_ Date \_\_\_\_\_

Contractor \_\_\_\_\_

Approved By \_\_\_\_\_ Date \_\_\_\_\_

### DESCRIPTION

Wessels Type FXT Tanks are ASME fixed diaphragm type pre-charged hydro-pneumatic tanks for commercial and industrial well and water systems, booster systems, or other potable water applications. They are designed to deliver water under pressure between pump cycles to provide sufficient flow to meet demands. The water is contained in a butyl diaphragm provided by a NSF 61 listed supplier.

### CONSTRUCTION

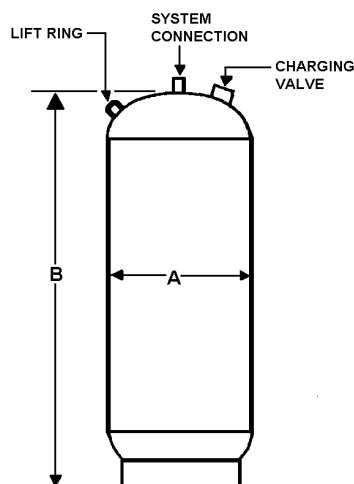
Shell: Carbon steel

Diaphragm: Heavy duty butyl – provided  
by NSF 61 listed supplier

### PERFORMANCE LIMITATIONS

Maximum Design Temperature: 230°F

Maximum Design Pressure: 200 PSI



Model	Gal.	Accept. Vol. (Gal.)	A Dia.	B Ht.	Syst. Conn.	Wt. (lbs.)
FXT 400	8	3.1	12	20	3/4	34
FXT 401	15	11	16	23	1	64
FXT 402	25	12	16	33	1	84
FXT 403	35	12	16	45	1	97
FXT 404	77	53	24	46	1 1/2	259
FXT 405	90	53	24	52	1 1/2	283
FXT 415	116	53	24	66	1 1/2	325
FXT 440	140	53	24	78	1 1/2	365
FXT 460	160	56	30	61	1 1/2	591
FXT 480	210	84	30	79	1 1/2	752

### TYPICAL SPECIFICATION

Furnish and install as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_ " diameter X \_\_\_\_\_ " (high) pre-charged steel hydro-pneumatic tank with a fixed butyl rubber diaphragm provided by a NSF 61 listed supplier. The tank shall have a top NPT system connection and a .302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed and stamped in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code.

Each tank shall be Wessels model number FXT- \_\_\_\_\_ or approved equal.