

# HYDRO-PNEUMATICS

## FX SERIES

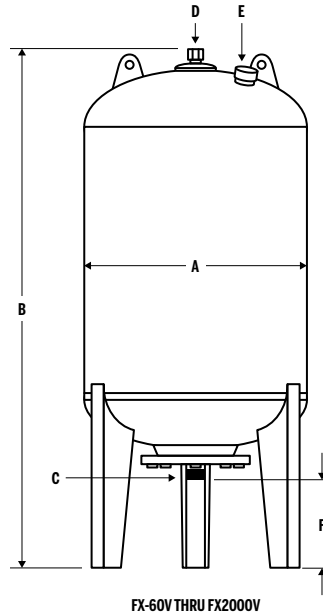
### ☑ Replaceable bladder

- ▶ NON-ASME Expansion Tanks
- ▶ Ultra resistant butyl bladder
- ▶ Water remains permanently separated from air
- ▶ Air precharged at factory; pressure adjustable on site
- ▶ Effectively control water hammer shock and pump start-up/shut-down water surge
- ▶ With large water system connections designed to quickly accept water surge pressures, with minimal pressure drop

### TECHNICAL SPECIFICATIONS

- ▶ Maximum design temperature: 240°F (115°C)
- ▶ Maximum design pressure: 150 PSIG
- ▶ Air precharged at factory at 30 PSI
- ▶ Bladder: – Heavy Duty Butyl  
– FDA Approved  
– NSF 61 Listed
- ▶ System Connection: Stainless Steel

✂ To obtain a tank of higher capacity and greater pressure, contact the manufacturer.



Model#	Volume		Dimensions										Shipping approx. weight		
			A		B		System connection				Charging valve	F			
			in	mm	in	mm	C		D			E			in
							in	mm	in	mm					
FX-300V	80	303	25	635	55	1397	1½	38	½	13	0.302" - 32 NC	8.5	216	141	70.0
FX-500V	132	500	31	787	61	1549	1½	38	½	13		7.7 mm - 32 NC	9	229	265
FX-750V	198	750	31	787	79	2007	1½	38	½	13	9		229	330	149.7
FX-1000V	264	999	37	940	77	1956	2	51	½	13	9		229	398	180.5
FX-2000V	528	1999	50	1270	84	2134	2	51	½	13	9	229	835	378.8	

QUANTITY: \_\_\_\_\_ MODEL: FX- \_\_\_\_\_

OPTION:  Seismic bracket – Suffix “VB”  
(Fits all models)

MAXIMUM PRESSURE:  125 PSI / 861 kPa  150 PSI / 1034 kPa

175 PSI / 1207 kPa  Other\*: \_\_\_\_\_

Notes: \_\_\_\_\_

Project: \_\_\_\_\_

Representative: \_\_\_\_\_

Location: \_\_\_\_\_

Date submitted: \_\_\_\_\_

Engineer: \_\_\_\_\_

Approved by: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date of approval: \_\_\_\_\_

\*Subject to the manufacturer's approval.

**TYPICAL SPECIFICATIONS:** Furnish and install as shown on plans a \_\_\_\_\_ gallons/liters \_\_\_\_\_ in/mm diameter × \_\_\_\_\_ in/mm (high) air precharged steel hydro-pneumatic tank with a \_\_\_\_\_ in/mm diameter system connection and a replaceable heavy-duty butyl bladder. The tank shall have a victaulic system connection, and a 0.302”-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and basering or angle legs for vertical installation. Each tank shall be Calefactio model number FX- \_\_\_\_\_ or approved equal.