

# WPA Series ASME Bladder Expansion Tank

**Features:**

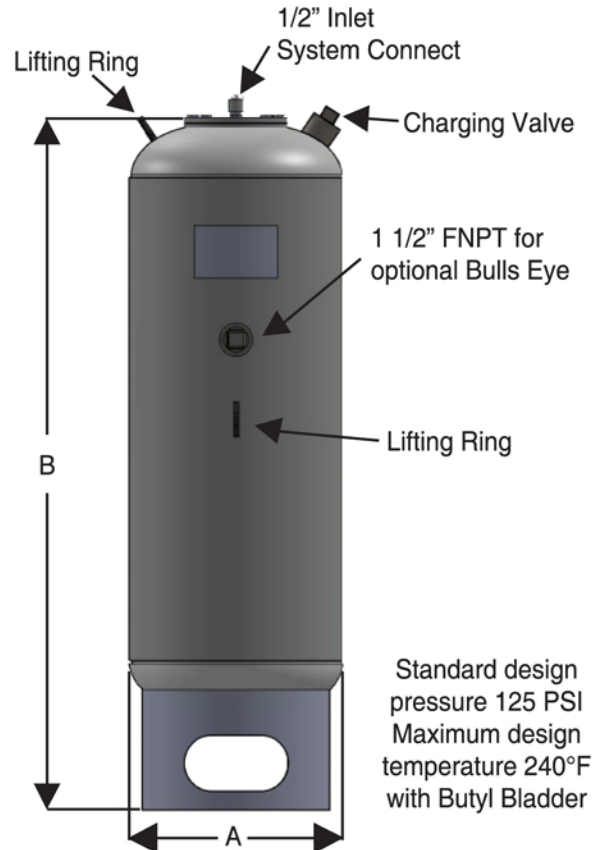
- Constructed in accordance with ASME Section VIII, Division I, Latest Edition
- Heavy Duty Butyl Bladder - NSF 61 Approved - Field Replaceable
- Fully Adjustable Field Air Charging
- Factory Air Charged to 12 P.S.I.
- Primed Exterior

**Optional Features:**

- Trimmed for Potable Water
- "Bulls Eye" sight glass
- Seismic mounting (clips or legs)
- EPDM Bladder Material
- Higher pressures available upon request. Tank dimensions will not change.
- Painted Exterior, Epoxy Coatings

All packaging materials, thread protectors, plastic plugs and caps must be removed before installation.

Dimensions are subject to change without notice, please confirm actual dimensions with factory at time of order.



PART NUMBER	TANK VOLUME GALLONS	ACCEPTANCE GALLONS	DIAMETER A (IN.)	HEIGHT B (IN.)	WEIGHT (LBS)	WORKING PRESSURE
WPA-030	8	5	14	22	90	125 PSI
WPA-042	12	5	14	27	105	125 PSI
WPA-084	26	12	16	41	150	125 PSI
WPA-130	35	19	16	52	200	125 PSI
WPA-170	46	24	16	64	240	125 PSI
WPA-215	58	34	20	54	250	125 PSI
WPA-254	68	34	20	62	280	125 PSI
WPA-300	82	43	24	55	300	125 PSI
WPA-350	100	43	24	65	330	125 PSI
WPA-425	115	61	24	72	380	125 PSI
WPA-500	137	61	24	83	425	125 PSI

JOB NAME \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 CONTRACTOR P.O. NO. \_\_\_\_\_

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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**USE:**

Designed to absorb expansion of fluids in typical hydronic systems. The WPA Tank is designed for pressure boost systems as well as typical cooling and heating applications. Bladder material is suitable for hot water applications. Installation of the tank will help eliminate constant pump use, prolonging pump life and unnecessary blowing of relief valves.

**Specifications:**

Furnish and install and shown on plans, American Wheatley WPA series, full acceptance expansion tank. Tank shall be constructed of carbon steel in accordance with ASME Section VIII, Division 1, latest edition. Tank shall incorporate a removable and replaceable heavy duty butyl bladder. Tank shall be supplied with 12 psi factory air charge. Tanks shall be supplied on standard base ring unless otherwise specified. Tanks shall be constructed and ASME stamped for 125 psi working pressure at 240°F. Tanks shall be supplied with exterior high grade red oxide primer finish. Vertical or horizontal installation is acceptable. Non-replaceable diaphragm type tanks are not acceptable.

**Typical Piping Details**

With Bladder Type Tanks (WPA/WFA Series)

