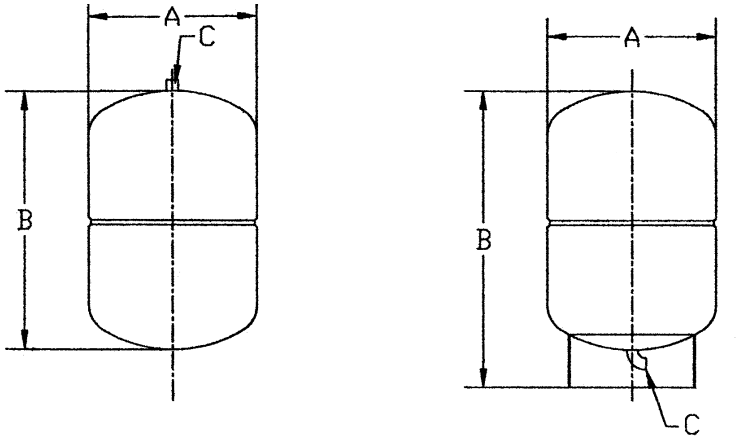
DIAPHRAGM TANK (non-code)



PART NUMBER	TANK VOLUME	DIAMETER A (IN.)	LENGTH B (IN.)	INLET/OUTLET C (IN.)	WEIGHT	WORKING PRESSURE
DET-002	2.1GALLON	8.00	11.75	1/2	5	115 PSI
DET-005	5 GALLON	10.50	16.00	1/2	9	115 PSI
DET-006	6.5 GALLON	12.75	14.00	1/2	10	115 PSI
DET-009	9 GALLON	15.75	15.50	1/2	16	115 PSI
DET-013	13.5 GALLON	15.75	20.00	1	19	115 PSI
DET-013-STD	13.5 GALLON	15.75	25.00	1	23	115 PSI
DET-021-STD	21 GALLON	15.75	32.00	1	35	90 PSI
DET-027-STD	27 GALLON	20.00	29.50	1	40	90 PSI
DET-040-STD	40 GALLON	20.00	38.00	1	61	90 PSI
DET-053-STD	53 GALLON	24.00	42.33	1	77	90 PSI
DET-066-STD	66 GALLON	26.00	40.50	1	90	90 PSI
DET-080-STD	80 GALLON	26.00	45.00	1	98	90 PSI

*STD: Stand Model

*All Others: In-Line Model

USE:

Designed to absorb expansion of non-potable fluids in typical hydronic & cooling systems. Bladder material is suitable for hot water application. Installation of tank will help eliminate unnecessary blowing of relief valves and lost BTUs.

SPECIFICATIONS:

Non-code
Working Pressure: See Table Above
Powder Coated Epoxy Finish Exterior
Carbon Steel Connection
Fully Adjustable in the Field
Carbon Steel Construction
Maximum Temperature 240º F
Permanent Separation of Air and Water
Factory Air Charged to 12 PSI
For Non-Domestic Use

JOB NAME _____
LOCATION _____
_____
_____
CONTRACTOR _____
CONTRACTOR P.O. NO. _____

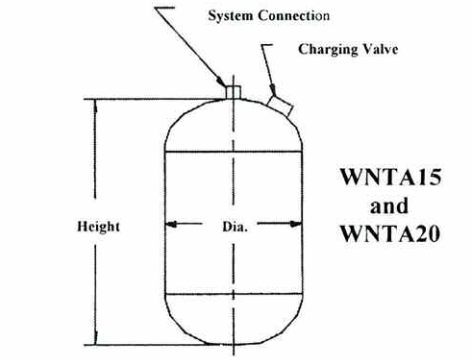
ITEMS	QUANTITY

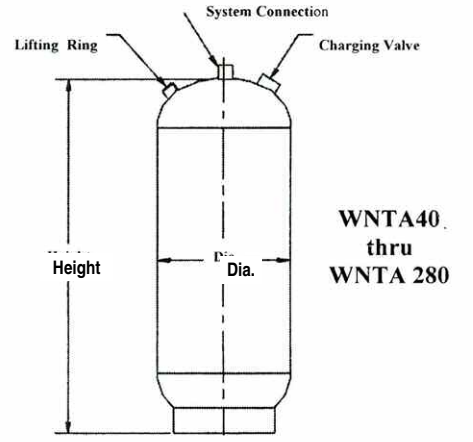
MECHANICAL ROOM SUPPLIES
A GFP Company
932 Brookwood Drive
Columbia, SC 29201
803.343.0710
TOLL FREE 866.267.1379
FAX 803.343.0713
www.mechanicalroomsupplies.com

WNTA Expansion Tanks

ASME 125 / 150 Fixed Bladder Tanks

Model No.	Tank Vol. Gal.	Accept Vol Gal.	ASME Rating	Tank Dimensions Inches		System Conn. NPT	Ship WT. Lbs.
				Dia.	HT.		
WNTA15	7.8	4.8	150	12	19	3/4	44
WNTA20	10.9	4.8	150	12	26	3/4	47
WNTA40	25	10.5	150	14	42	1	90
WNTA60	35	10.5	150	14	57	1	111
WNTA80	45	21	125	20	38	1	147
WNTA100	60	21	125	20	49	1	167
WNTA120	70	52.5	125	24	46	1 1/2	225
WNTA144	80	52.5	125	24	49	1 1/2	245
WNTA180	90	52.5	125	24	52	1 1/2	265
WNTA200	115	52.5	125	24	66	1 1/2	295
WNTA240	140	52.5	125	24	78	1 1/2	425
WNTA260	158	56	125	30	61	1 1/2	591
WNTA280	211	84	125	30	79	1 1/2	752





MAXIMUM OPERATING CONDITIONS	
Working Temperature	240 Degrees
Working Pressure	150 PSIG

MATERIALS OF CONSTRUCTION	
Shell	Steel
Bladder	Heavy Duty Butyl

Typical Specification

Furnish and install, as shown on the plans, American Wheatley Model WNTA_____ ASME Bladder Expansion Tank, Stamped 125 PSI working pressure. Each tank will be supplied with a heavy duty butyl diaphragm. Tank shall be supplied with NPT system connection. An air charging valve connection (standard tire valve) shall be provided to facilitate adjusting precharge pressure actual system conditions.

California code-sight glass available on request.

DESIGNED AND CONSTRUCTED PER ASME SECTION VIII & STAMPED

Standard Factory Precharge is 12 PSIG unless otherwise specified.

JOB NAME_____

LOCATION_____

_____

_____

CONTRACTOR _____

CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY

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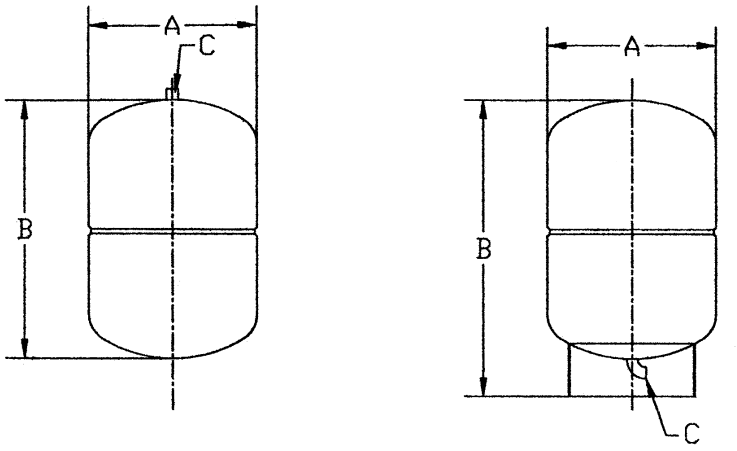
Columbia, SC 29201
803.343.0710
TOLL FREE 866.267.1379
FAX 803.343-0713
www.mechanicalroomsupplies.com

POTABLE DIAPHRAGM TANK (non-code)



PART NUMBER	TANK VOLUME	DIAMETER A (IN.)	LENGTH B (IN.)	INLET/OUTLET C (IN.)	WEIGHT	WORKING PRESSURE
DPT-002	2.1	8.03	11.82	1/2	5	125 PSI
DPT-005	5	10.63	16.15	1/2	8	125 PSI
DPT-006	6.5	12.6	13.98	1/2	10	125 PSI
DPT-009	9	15.75	15.36	1/2	19	125 PSI
DPT-013-STD	13.5	15.75	23.25	1	23	125 PSI
DPT-021-STD	21	15.75	33	1	42	125 PSI
DPT-027-STD	27	19.69	31	1-1/4	46	125 PSI
DPT-040-STD	40	19.69	40	1-1/4	64	125 PSI
DPT-053-STD	53	23.63	42.36	1-1/4	90	125 PSI
DPT-080-STD	80	25.6	47.50	1-1/4	119	125 PSI
DPT-119-STD	119	30.52	52	1-1/4	146	125 PSI

*STD: Stand Model

*All Others: In-Line Model

USE: Designed for storage of domestic potable well water and pressure boost applications. Diaphragm material is suitable for domestic water applications. Installation of tank will help eliminate constant pump use and help prolong pump life. Excellent for backflow applications.

SPECIFICATIONS:

Non-Code
Working Pressure: See Table Above
Powder Coated Epoxy Finish Exterior
Carbon Steel Construction
Maximum Temperature 210° F
Permanent Separation of Air and Water

JOB NAME _____
LOCATION _____
_____
_____
CONTRACTOR _____
CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY

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