

Job Name:		
Job No:	JWC Representative:	
Tag No.:	Submitted By:	Date:
Engineer:	Approved By:	Date:
Contractor:	Order No.:	Date:

JSTG Series

ASME Galvanized Hydro-Pneumatic Tanks For Potable Water Systems Suitable for Temperatures up to 160°F



APPLICATION

- JSTG Series hydro-pneumatic tanks are designed for hot or cold water applications.
- The hot-dipped galvanizing process provides a durable maintenance-free protective coating suitable for temperatures up to 160° F.
- During galvanizing, molten zinc reacts with the surface of the base material to form a series of zinc/iron alloys that provide an inner layer of protection against corrosion.

SPECIFICATIONS

- Designed and built in accordance with the ASME Code Section VIII, Division I
- Installation: vertical or horizontal
- Shell: Galvanized Carbon Steel
- System connections: NPT boss
- Water gauge glass connections: NPT boss

DESIGN PRESSURE AND TEMPERATURE

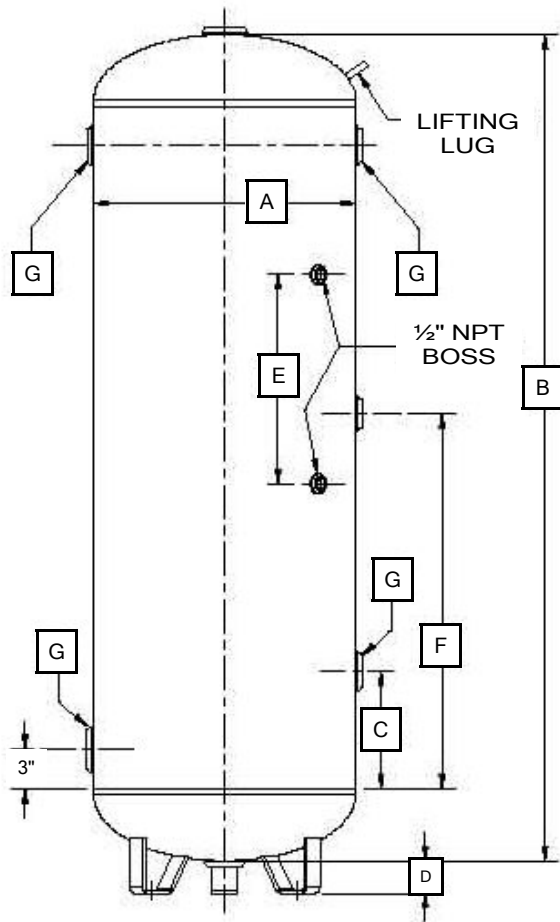
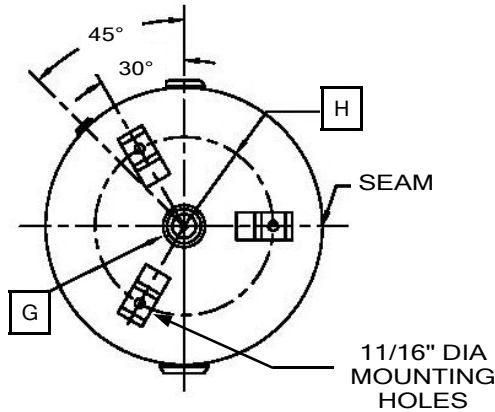
- Maximum design pressure: 125 PSI (862 kPa)
- Maximum design temperature: 500°F (260°C)

TYPICAL DESIGN SPECIFICATION

Furnish and install as shown on plans John Wood Model No. JSTG-22-_____ (_____ gallon / _____ liter) ASME galvanized steel storage tank. The tank shall be fitted with a minimum of six (6) NPT boss system connections, two (2) NPT boss connections for a water gauge glass assembly, and legs designed for vertical installation (or saddles for horizontal installation). The tank must be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division I, with a stamped MAWP of 125 PSI (862 kPa) and a maximum design temperature of 500°F (260°C).



JSTG Series / ASME



PART NUMBER	MAWP	VOLUME		A DIA	B OH	C DIM	D DIM	E DIM	F DIM	G NPT	H BOLT CIRCLE	EST. WGT.	
		GAL	L									LBS	KG
JSTG-22-001	125	80	303	20	63 $\frac{3}{4}$	9	2 $\frac{1}{2}$	16	28 $\frac{3}{4}$	1 $\frac{1}{2}$	6-7/16	130	59
JSTG-22-003	125	120	454	24	64 $\frac{3}{4}$	9	2 $\frac{1}{4}$	20	27 $\frac{7}{8}$	1 $\frac{1}{2}$	8-3/16	225	102
JSTG-22-005	125	175	662	30	62 $\frac{1}{4}$	9	1 $\frac{5}{8}$	20	25 $\frac{5}{8}$	2	9 $\frac{5}{8}$	300	136
JSTG-22-006	125	220	833	30	77	9	1 $\frac{5}{8}$	20	32 $\frac{1}{2}$	2	9 $\frac{5}{8}$	430	195
JSTG-22-007	125	240	908	30	84	9	1 $\frac{5}{8}$	20	36 $\frac{1}{2}$	2	9 $\frac{5}{8}$	385	175
JSTG-22-008	125	305	1155	30	107 $\frac{1}{2}$	9	1 $\frac{5}{8}$	20	49 $\frac{5}{8}$	2	9 $\frac{5}{8}$	475	216
JSTG-24-009	125	285	1079	36	72 $\frac{1}{2}$	10	1 $\frac{3}{4}$	20	27 $\frac{7}{8}$	2	11 $\frac{5}{8}$	465	211
JSTG-24-010	125	400	1514	36	93 $\frac{1}{2}$	10	1 $\frac{3}{4}$	20	30	2	11 $\frac{5}{8}$	600	272
JSTG-24-011	125	505	1912	36	121 $\frac{1}{2}$	10	1 $\frac{3}{4}$	20	53 $\frac{3}{8}$	2	11 $\frac{5}{8}$	750	340

Dimensions are subject to change.
Shipping weights are approximate.

