

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 for non-potable water and 140° F for potable water.
- 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.

DESIGN PRESSURE AND TEMPERATURE

- Maximum design pressure: 125 PSI (862 kPa)
- 150, 175, 200, 250, 300 PSI available upon request
- Maximum design temperature: 500°F (260°C)

TYPICAL DESIGN SPECIFICATION

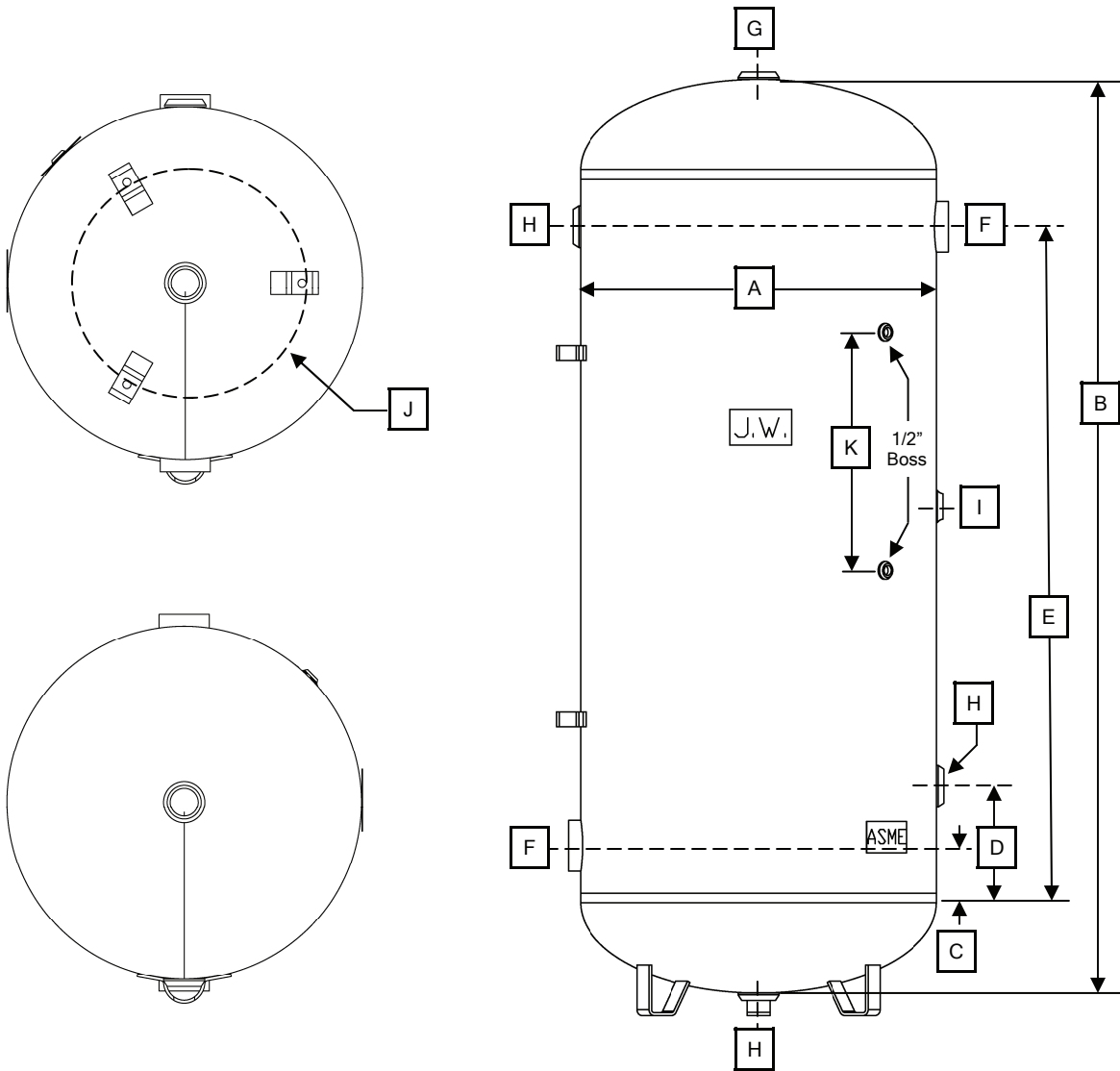
Furnish and install as shown on plans John Wood Model No. JSTG-___ - ___ (___ gallon / ___ liter) ASME galvanized steel storage tank. The tank shall have ___ flanged / FNPT / grooved-end pipe system inlet and outlet connections. The tank shall be fitted with a FNPT vent and drain connections on the top and bottom. The vessel must be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division 1 with a stamped MAWP of 125 PSI (862 kPa) and a maximum design temperature of 500°F (260°C).

SPECIFICATIONS

- Fabricated and stamped in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: vertical or horizontal
- MOC: Carbon Steel
- Exterior finish: Galvanized
- Interior finish: Galvanized
- Standard inlet/outlet connections: FNPT
- Vent and drain connections: FNPT
- Strap type support legs provide 2½" clearance for the 24" diameter, 1¾" clearance for the 30" diameter, and 1¼" clearance for the 36" diameter
- Two (2) ½" FNPT boss connections are included with 20" center-to-center spacing



JSTG Series / ASME



PART NUMBER	MAWP	VOLUME		A DIA	B OH	C DIM	D DIM	E DIM	F HC NPT	G BOSS NPT	H BOSS NPT	I BOSS NPT	J BOLT CIRCLE	K DIM	TANK WEIGHT
		GAL	L												LBS
*JSTG-22-033	125	120	454	24	64%	4	9	47 1/4	3	2	1 1/2	1 1/4	16%	20	225
*JSTG-22-036	125	220	833	30	76%	4	9	56	3	2	2	1 1/4	19%	20	345
*JSTG-24-039	125	300	1136	36	71 1/2	4	10	46	3	2	2	1 1/4	22%	20	465
JSTG-24-310	125	400	1514	36	93 1/2	4	10	68	3	2	2	1 1/4	22%	20	600

Dimensions are subject to change
Weights are approximate
*Stock model

