

Job Name: _____

Job No.: _____

JWC Representative: _____

Tag No.: _____

Submitted By: _____

Date: _____

Engineer: _____

Approved By: _____

Date: _____

Contractor: _____

Order No.: _____

Date: _____

TARM Series

ASME Boiler Buffer Tanks For Additional Thermal Storage Volume in High Efficiency Heating Systems



APPLICATION

- TARM Series boiler buffer tanks are designed for storing heated water produced by boilers that benefit from long run times.
- In effect, the tanks act as rechargeable thermal batteries.
- Adding a thermal storage tank to the system will also ensure that sufficient water volume is available to deliver high-efficiency operation.
- Insulation is highly recommended.

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 a TARM Series ASME code stamped Boiler Buffer Tank, Part No. _____ (_____ gallon / _____ liter size). The tank shall have _____ FNPT system inlet and outlet connections. The tank shall be fitted with 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).

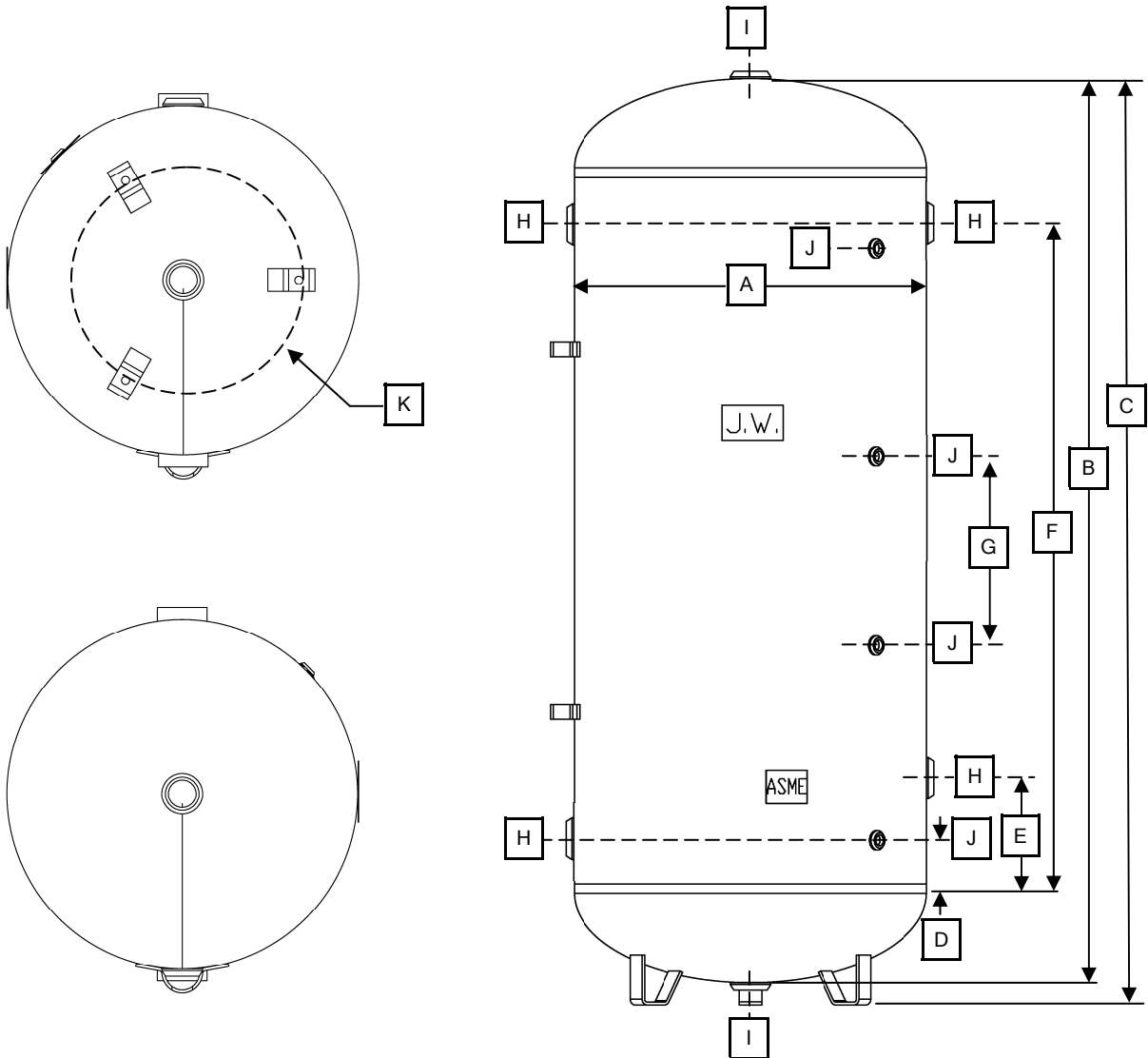
SPECIFICATIONS

- Fabricated and stamped in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: vertical
- MOC: Carbon Steel
- Exterior finish: gray primer
- Interior finish: plain
- Standard inlet/outlet connections: FNPT
- Vent and drain connections: FNPT
- Strap type support legs provide approximately 1¾" clearance

TARM Series

SUBMITTAL

Form 696



PART NUMBER	MAWP	VOLUME		A DIA	B O/H	C HEIGHT	D DIM	E DIM	F DIM	G DIM TYP	H BOSS NPT	I BOSS NPT	J BOSS NPT	K BOLT CIRCLE	TANK WEIGHT
		GAL	L												
400JWHSTP	125	400	1514	36	93½	95¼	4	8	68	21	2	2	½	22¾	600

Dimensions are approximate and subject to change.
 Dimensions should not be used for pre-piping
 Weights are approximate.



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