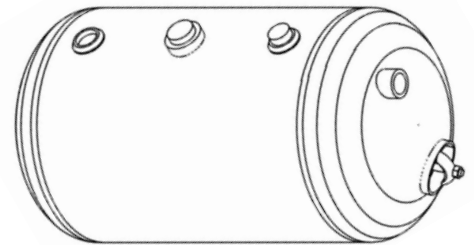


Job Name:		
Job No:	JWC Representative:	
Tag No.:	Submitted By:	Date:
Engineer:	Approved By:	Date:
Contractor:	Order No.:	Date:

## JFSR Series

### ASME Horizontal Flash Tanks For Handling Condensate and Flash Steam



#### APPLICATION

- JFSR Series flash tanks are designed to separate steam from high pressure condensate.
- Flash steam is released through the top of the vessel. The remaining condensate will drain from the bottom.
- Flash tanks provide a common lower pressure point for collecting condensate, a means to cool hot condensate, and a source of low pressure steam for heating or process use.

#### DESIGN PRESSURE AND TEMPERATURE

- Maximum design pressure: 150 PSI (1034 kPa)
- 175, 200, 250, 300 PSI available upon request
- Maximum design temperature: 600°F (316°C)

#### TYPICAL DESIGN SPECIFICATION

Furnish and install as shown on plans John Wood Model No. JFSR-26-\_\_\_\_\_ (\_\_\_\_\_ gallon / \_\_\_\_\_ liter) ASME horizontal flash tank with a \_\_\_\_\_" NPT inlet connection and a \_\_\_\_\_" NPT outlet connection. The tank shall be fitted with a perforated spray pipe and drop leg assembly (if required), a \_\_\_\_\_" NPT drain connection on the bottom, a \_\_\_\_\_" NPT vent connection on the top, and a \_\_\_\_\_" handhole. The tank must be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division 1, with a stamped MAWP of 150 PSI (1034 kPa) and a maximum design temperature of 600°F (316°C).

#### SPECIFICATIONS

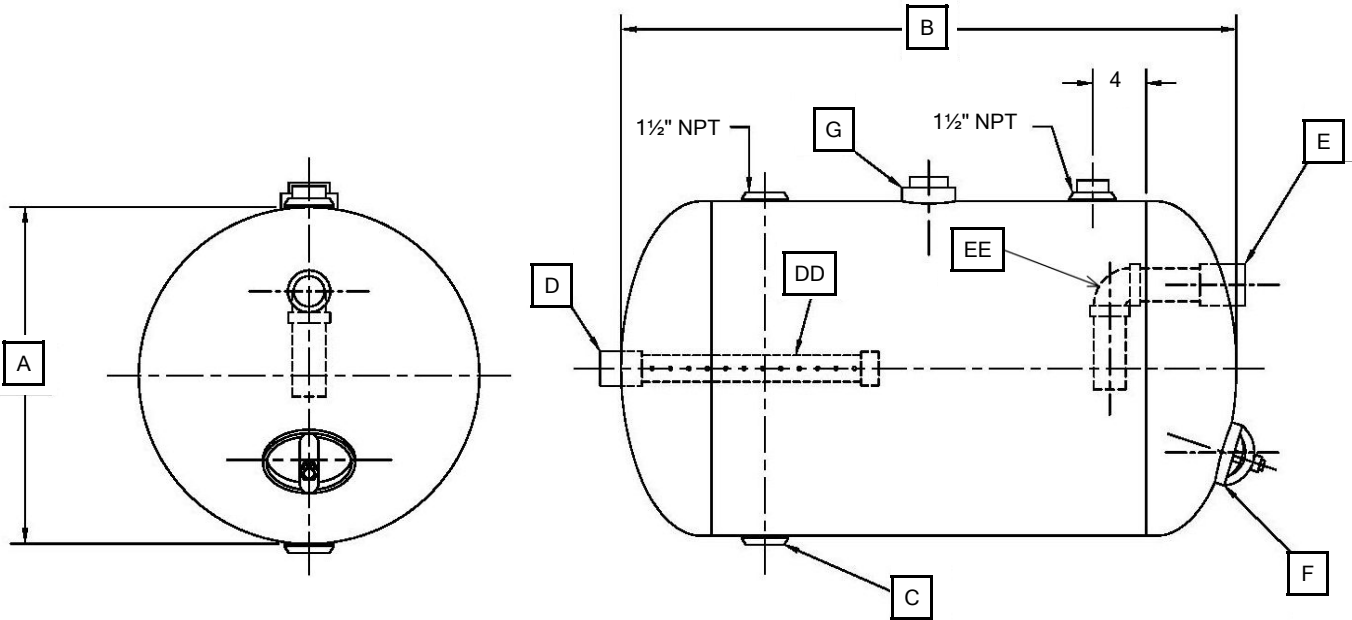
- Designed and built in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: horizontal
- Shell: Carbon Steel with exterior gray primer finish
- Optional perforated spray pipes have ¼" holes for 1½" IPS or 5/16" for 2" & 3" IPS

#### MODEL NUMBER SELECTION (WITH OPTIONS)

- Example: Model No. JFSR-26-502 specifies the 18 gallon size with spray pipe and drop leg assembly
- The seventh and eighth digits identify the options
- The last digit identifies the item number



**JFSR Series / Horizontal**



OPTIONS (WITH PART NUMBER DESIGNATIONS)	
<input type="checkbox"/> 00 = No Options	<input type="checkbox"/> 60 = Handhole Only
<input type="checkbox"/> 30 = Drop Leg Only	<input type="checkbox"/> 70 = Handhole, Spray Pipe & Drop Leg
<input type="checkbox"/> 40 = Spray Pipe Only	<input type="checkbox"/> 80 = Spray Pipe & Handhole
<input type="checkbox"/> 50 = Spray Pipe & Drop Leg	<input type="checkbox"/> 90 = Drop Leg & Handhole

**Spray Pipe (DD) and Drop Leg (EE) are optional for all models. Handhole is standard on the 604 and 009, and optional on all other models.**

MODEL NUMBER	MAWP	TANK VOLUME		A DIAMETER		B OVERHEADS		C DRAIN	D INLET	DD SPRAY PIPE OPTIONAL	E OUT-LET	EE DROP LEG OPTIONAL	F HAND HOLE OPTIONAL	G VENT	TANK WEIGHT
		GAL	L	IN	MM	IN	MM								
*JFSR-26-001	150	13	49	10 3/4	273	39	991	1	1 1/2	1 1/2 x 18	1 1/2	1 1/2	4 x 6	2	80
JFSR-26-002	150	18	68	12	305	39	991	1	1 1/2	1 1/2 x 18	1 1/2	1 1/2	4 x 6	2	95
JFSR-26-003	150	24	91	14	356	39	991	1	1 1/2	1 1/2 x 18	1 1/2	1 1/2	4 x 6	2	105
*JFSR-26-604	150	30	114	16	406	38	965	1 1/2	2	1 1/2 x 18	1 1/2	1 1/2	4 x 6 STD	2 1/2	125
JFSR-26-005	150	48	182	18	457	48	1219	2	1 1/2	1 1/2 x 18	1 1/2	1 1/2	4 x 6	2 1/2	145
JFSR-26-006	150	80	303	24	610	46	1168	2	2	2 x 24	2	2	4 x 6	3	165
JFSR-26-007	150	125	473	30	762	48	1219	2 1/2	2	2 x 24	2	2	4 x 6	3	270
JFSR-26-008	150	180	681	36	914	48	1219	3	2	2 x 24	2	2	4 x 6	3	350
JFSR-26-009	150	240	908	42	1067	48	1219	3	3	3 x 24	3	3	12 x 16 STD	4	700

Dimensions are approximate and subject to change  
 Dimensions should not be used for pre-piping  
 Weights are approximate  
 \*Stock model

