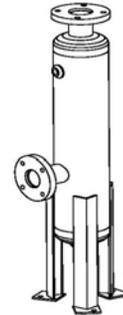


Job Name: _____		
Job No.: _____	JWC Representative: _____	
Tag No.: _____	Submitted By: _____	Date: _____
Engineer: _____	Approved By: _____	Date: _____
Contractor: _____	Order No.: _____	Date: _____

## JFSR Series

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



#### APPLICATION

- Flashing occurs when hot water at some higher pressure is suddenly released to a lower pressure.
- 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 drains 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: 500°F (260°C)

#### TYPICAL DESIGN SPECIFICATION

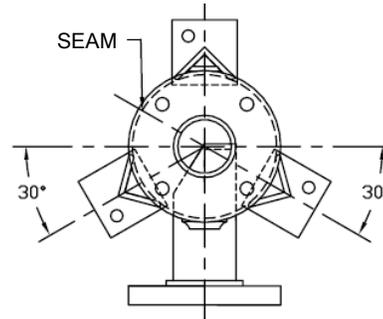
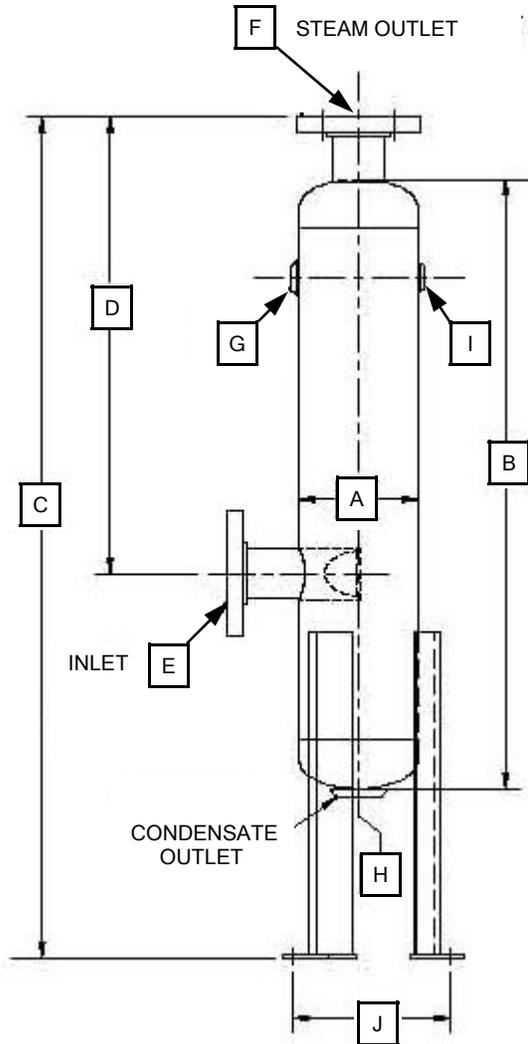
Furnish and install as shown on plans John Wood Model No. JFSR-26-\_\_\_\_\_ (\_\_\_\_\_ gallon / \_\_\_\_\_ liter) ASME vertical flash tank with a \_\_\_\_\_" ANSI 150# RF inlet connection and a \_\_\_\_\_" ANSI 150# RF steam outlet connection. The tank shall be fitted with a \_\_\_\_\_" NPT boss drain connection on the bottom, a \_\_\_\_\_" NPT pressure gauge connection, one (1) additional NPT boss connection, and angle type legs for vertical 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 150 PSI (1034 kPa) and a maximum design temperature of 500°F (260°C).

#### SPECIFICATIONS

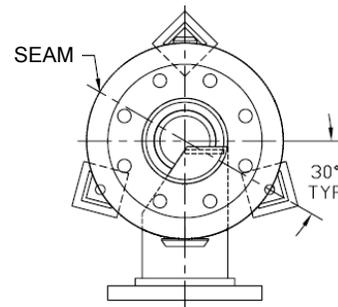
- Designed and built in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: vertical
- Shell: Carbon Steel with exterior gray primer finish
- Inlet connection: ANSI 150# RF flange
- Flash steam outlet connection: ANSI 150# RF flange
- Condensate outlet connection: NPT boss
- Pressure gauge connection: ½" NPT boss
- Additional connection: NPT boss



# JFSR Series / Vertical



**JFSR-26-993**



**JFSR-26-994 to JFSR-26-996**

MODEL NUMBER	CODE SYMBOL	MAWP	A DIAMETER		B OVERHEADS		C OVERALL HEIGHT		D DIM	E DIM	F DIM	G DIM	H DIM	I DIM	J BOLT CIRCLE	TANK WEIGHT	
			IN	MM	IN	MM	IN	MM								IN	IN
*JFSR-26-993	UM	150	6%	168	34	864	47	1194	25½	2½	2½	¾	1½	½	10-5/16	80	36
*JFSR-26-994	UM	150	8%	219	35	889	48	1219	23¾	4	4	¾	2	½	8%	105	48
*JFSR-26-995	UM	150	12%	324	36¾	933	50	1270	27	5	5	1½	3	½	12¾	175	79
*JFSR-26-996	UM	150	16	406	46	1168	58%	1489	32%	6	6	2	3	½	16	220	100

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

