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
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OPTIONS (WITH PART NUMBER DESIGNATIONS)

- 00 = No Options
- 30 = Drop Leg Only
- 40 = Spray Pipe Only
- 50 = Spray Pipe & Drop Leg
- 60 = Handhole Only
- 70 = Handhole, Spray Pipe & Drop Leg
- 80 = Spray Pipe & Handhole
- 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.

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