

SINCE 1908
wessels
 company

SUBMITTAL

FTA-SERIES

FLASH RECEIVER TANKS

Models: FTA-13 thru FTA-180

Submittal Sheet No. K-1001B

Date: 4/16

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	_____
Contractor _____	_____	_____
Sales Rep. _____	_____	_____

Description

Wessels type FTA flash tanks are designed for systems that require flashing of high pressure condensate into steam for low pressure heating supply mains and to reduce and cool low pressure steam before it is returned to the boiler, condensate receiver, or discharged into sewer.

Construction

Shell & Heads: Carbon Steel
 Exterior: Primer Painted

Performance Limitations

Maximum Design Temperature: 450°F
 Maximum Design Pressure:
 FTA-13 thru FTA-30 150 PSI*
 FTA-48 thru FTA-180 125 PSI*

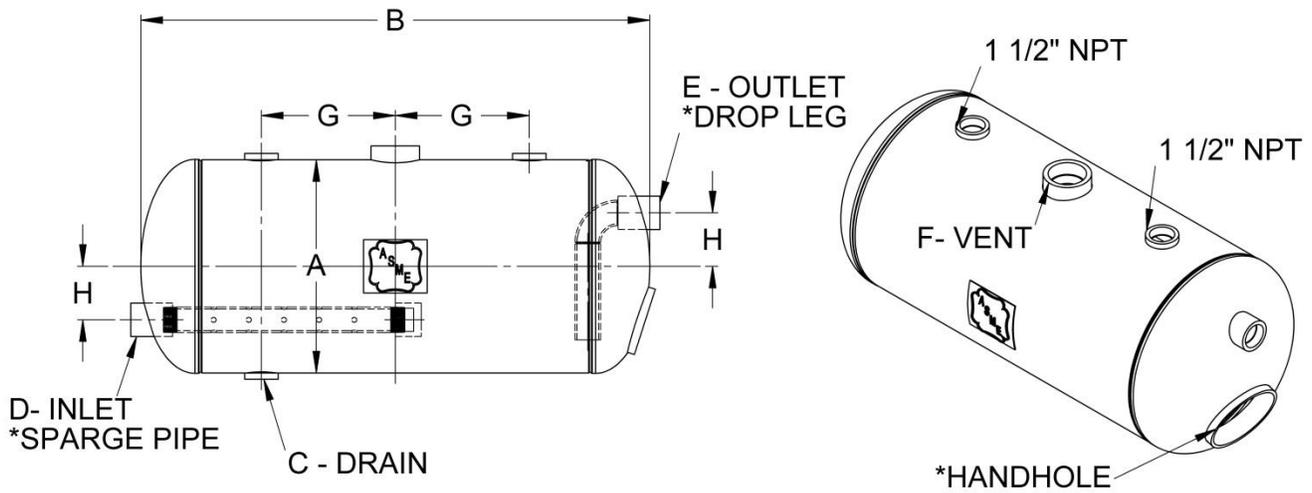
*200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
FTA-13	17010039	13		
FTA-18	17012039	18		
FTA-24	17014039	24		
FTA-30	17016010	30		
FTA-48	17018010	48		
FTA-80	17024010	80		
FTA-125	17030010	125		
FTA-180	17036010	180		

Typical Specification

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (long) plain steel flash tank designed for 450°F operating temperature. The tank shall have NPT inlet, outlet, vent and drain openings. The flash tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code. Optional: The tank shall have a drop leg, sparge pipe, or hand hole.

Each tank shall be Wessels model number FTA-_____ or approved equal.



FTA-13 thru FTA-180

Dimensions & Weights

Model Number	Dimensions in Inches										Approx. Ship Wt. (lbs)
	A	B	C	F	G	H	Options			Disengaging Area ft ²	
							Sparge Pipe "D"	Drop Legs "E"	Hand Hole		
FTA-13	10	39	1	2	11	2 1/2	1 1/2" x 18" with 20-3/8" holes	1 1/2	4 x 6	2.71	79
FTA-18	12					3				3.25	94
FTA-24	14					3 1/2				3.79	108
FTA-30	16	38	1 1/2	2 1/2	10	4	2" x 24" with 32-3/8" holes	2	4.22	121	
FTA-48	18	48	2		14	4 1/2			6	168	
FTA-80	24	46		3	11	6			7.67	214	
FTA-125	30	48	2 1/2			7 1/2	10	285			
FTA-180	36		3			10	9	12	339		

Notes

- *Drop leg, sparge pipe, and hand hole are optional.
- Larger capacities, higher working pressures, and larger fitting are also available.