



### DESIGN FEATURES

- ALL STEAM SYSTEMS PRODUCE FLASH STEAM WHICH IS USUALLY WASTED WHEN IT ESCAPES THROUGH THE CONDENSATE RECEIVER VENT PIPE. BOILER BLOWDOWN ALSO PRODUCES SIGNIFICANT AMOUNTS OF FLASH STEAM. THE COST OF A FLASH STEAM RECOVERY SYSTEM IS USUALLY PAID BACK VERY QUICKLY ALMOST ALWAYS IN LESS THAN ONE YEAR.
- FINISHED WITH ONE COAT OF RED PRIMER.
- HIGHER PRESSURE RATINGS AVAILABLE UPON REQUEST.
- DIMENSIONS MAY BE MODIFIED TO SUIT CUSTOMER'S REQUIREMENTS.

### DESIGN SPECIFICATIONS

DESIGN STANDARDS	ASME B16.5
DESIGN CODE	ASME SECTION VIII, DIV. I (NOTE 1)
WELDING QUALIFICATIONS	ASME SECTION IX

**NOTE 1** ASME Code U-Stamp is optional.

### UPPER PRESSURE LIMITS (NON-SHOCK)

ANSI CLASS	M.A.W.P. PSIG (BARS)	MAX WSP PSIG (BARS)
150	285 PSIG AT 100°F 19.65 BARS AT 38°C	200 PSIG AT 400 °F 13.70 BARS AT 204°C

**NOTE** Lower temperature limit is -20°F (-28.9°C)

### PARTS LIST AND STANDARD MATERIALS

ITEM	DESCRIPTION	SPECIFICATIONS
1	BODY	SA106-B CARBON STEEL (S. STEEL OPTIONAL)
2	FLANGES	SA105 CARBON STEEL (S. STEEL OPTIONAL)
3	FITTINGS	SA234-WPB CARBON STEEL (S. STEEL OPTIONAL)
4	INTERNALS	SA36 CARBON STEEL (S. STEEL OPTIONAL)

### IFC SERIES FT150 FLASH TANK (CLASS 150) DIMENSIONAL DATA

MODEL	A in/mm	B in/mm	C in/mm	D in/mm	E in/mm	F in/mm	G in/mm	H in/mm	J in/mm	K in/mm	L in/mm	M in/mm	Weight Lb./Kg.
FT150-6	6.63 168	47.00 1194	38.63 980	13.00 330	8.00 203	9.00 229	25.50 648	2.50 65	0.75 20	8.88 224	1.50 38	2.50 64	75 34
FT150-8	8.63 219	48.00 1219	39.63 1006	14.63 371	8.63 218	9.50 241	25.88 655	4.00 100	0.75 20	10.88 274	2.00 50	3.50 89	105 47.6
FT150-12	12.75 324	49.50 1251	41.25 1046	19.94 505	11.88 300	11.50 292	26.88 681	5.00 125	1.50 40	14.94 378	2.00 50	5.00 127	165 74.8
FT150-16	16.00 406	58.00 1473	49.75 1262	23.50 597	13.43 340	12.50 317	32.00 813	6.00 150	2.00 50	18.84 480	3.00 75	5.00 127	215 97.5

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