



Established 1958

In-Line Float & Thermostatic Steam Traps

Series TA-FTI

Float and Thermostatic Steam Traps Series FTI In-Line

- In-line piping design provides complete drainage while minimizing vertical height change
- Ideal for overhead applications
- For commercial and industrial applications such as air make-up coils, cooking kettles and unit heaters
- Below condensate level seat design prevents steam leakage
- Stainless steel internal components
- Rugged thermostatic element eliminates air binding
- Resistant to water hammer and corrosion
- Maximum design pressure 250 psig (17.3 bar)
- Maximum operating pressure 175 psig (12.1 bar)
- Maximum temperature 406°F (208°C)



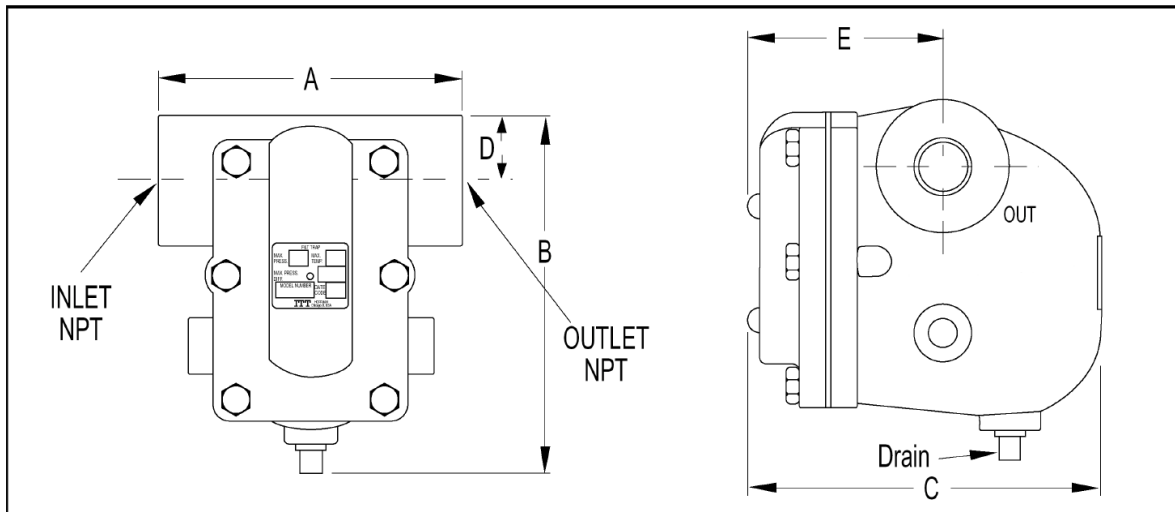
SPECIFICATIONS	
Body and Cover	Cast Iron 30,000 psi tensile
Valve Pin and Seat	Stainless Steel (Hardened)
Float	Stainless Steel
Lever Assembly	Stainless Steel
Thermostatic Air Vent	Stainless Steel Cage and Thermal Element
Cover Bolts	Grade 5
Drain Plug	1/4" NPT, Steel

NOMINAL DIMENSIONS & WEIGHTS							
MODEL	Size in. (mm)	A	B	C	D	E	Weight lbs. (kg)
TA-FTI3-15	3/4" (20)	5 1/2 (140)	6 9/16 (167)	6 5/8 (168)	1 3/16 (30)	3 1/2 (89)	11.7 (5.3)
TA-FTI4-15	1" (25)						
TA-FTI5-15	1-1/4" (32)						
TA-FTI6-15	1-1/2" (40)	5 3/8 (137)	5 3/4 (146)	6 3/8 (162)	1 3/8 (35)	3 1/2 (89)	17 (7.7)
TA-FTI8-15	2" (50)						





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TRAP DISCHARGE CAPACITY In lbs/hr

MODEL	NPT Size In.	Orifice Size In.	DIFFERENTIAL PRESSURE (psi)																	
			1/4	1/2	1	2	5	10	15	20	25	30	40	50	60	75	100	125	150	175
FTI 3-15	3/4"	.253	390	500	680	910	1100	1450	1600											
FTI 4-15	1"	.253	390	500	680	910	1100	1450	1600											
FTI 5-15	1-1/4"	.312	600	770	980	1240	1640	2000	2340											
FTI 6-15	1-1/2"	.500	1280	1700	2050	2550	3500	4400	5300											
FTI 8-15	2"	.687	2500	3150	4000	5000	6800	8300	9800											
FTI 3-30	3/4"	.235	380	470	630	870	1050	1380	1530	1700	1820	1900								
FTI 4-30	1"	.235	380	470	630	870	1050	1380	1530	1700	1820	1900								
FTI 5-30	1-1/4"	.253	420	550	740	1000	1200	1550	1760	1850	2000	2200								
FTI 6-30	1-1/2"	.438	580	800	1200	1680	2600	3500	4500	5200	5700	6100								
FTI 3-75	3/4"	.166	160	210	280	360	520	700	800	870	930	970	1120	1230	1300	1450				
FTI 4-75	1"	.166	160	210	280	360	520	700	800	870	930	970	1120	1230	1300	1450				
FTI 5-75	1-1/4"	.166	160	210	280	360	520	700	800	870	930	970	1120	1230	1300	1450				
FTI 3-125	3/4"	.125	100	130	170	230	330	410	500	560	620	660	750	830	890	970	1100	1190		
FTI 4-125	1"	.125	100	130	170	230	330	410	500	560	620	660	750	830	890	970	1100	1190		
FTI 5-125	1-1/4"	.125	100	130	170	230	330	410	500	560	620	660	750	830	890	970	1100	1190		
FTI 3-175	3/4"	.106	70	80	110	140	220	280	340	380	400	420	460	480	520	580	690	850	960	1000
FTI 3-175	1"	.106	70	80	110	140	220	280	340	380	400	420	460	480	520	580	690	850	960	1000
FTI 5-175	1-1/4"	.106	70	80	110	140	220	280	340	380	400	420	460	480	520	580	690	850	960	1000

