



Cast Iron Float and Thermostatic Steam Traps FT, FTI and FTB Capacities

Capacities in lb/h hot condensate

Differential pressure		FT-15				FT-30			
Psi	Bar	¾" 1"	1¼"	1½"	2"	¾" 1"	1¼"	1½"	2"
¼	.017	279	600	1100	2300	279	375	1000	1300
½	.034	369	770	1700	2800	369	500	1300	1800
1	.07	489	980	2400	3600	489	690	1700	2500
2	.14	650	1240	3300	4650	650	910	2300	3400
5	.34	785	1640	5000	6900	785	1200	3400	5200
10	.69	1000	2000	6600	9000	1000	1500	4600	6800
15	1.0	1075	2340	7600	10900	1075	1680	5500	7800
20	1.4					1210	1800	6000	8600
30	2.1					1370	2000	7000	10000
40	2.8								
50	3.4								
75	5.2								
100	6.9								
125	8.6								
orifice dia.		.218" (5.53 mm)	.312" (7.92 mm)	.500" (12.7 mm)	.625" (15.9 mm)	.218" (5.54 mm)	.228" (5.79 mm)	.390" (9.91 mm)	.500" (12.7 mm)

Capacities in lb/h hot condensate, continued on next page

Capacities in lb/h hot condensate

Differential pressure		FT-75			FT-125		
Psi	Bar	¾" 1"	1¼" 1½"	2"	¾" 1"	1¼" 1½"	2"
¼	.017	160	550	850	100	400	550
½	.034	213	725	1100	135	520	675
1	.07	280	960	1500	175	680	880
2	.14	365	1300	2000	230	890	1225
5	.34	520	1900	3100	330	1300	1950
10	.69	700	2650	4150	415	1700	2600
15	1.0	795	3050	4750	500	2050	3000
20	1.4	875	3400	5200	565	2300	3250
30	2.1	970	4000	5800	665	2700	3800
40	2.8	1120	4400	6400	750	3000	4200
50	3.4	1230	4750	6800	830	3200	4600
75	5.2	1450	5400	7700	970	3800	5500
100	6.9				1110	4200	6100
125	8.6				1190	4500	6600
orifice dia.		.166" (4.22 mm)	.312" (7.92 mm)	.421" (10.7 mm)	.125" (3.18 mm)	0.246" (6.25 mm)	.332" (8.43 mm)

Capacities in lb/h hot condensate (continued)

Differential pressure		FTI-15		FTI-30		FTI-75		FTI-125		FTI-200	
Psi	Bar	½" ¾" 1"	1½"	½" ¾" 1"	1½"	½" ¾" 1"	1½"	½" ¾" 1"	1½"	½" ¾" 1"	1½"
¼	.017	279	1020	279	960	160	850	100	520	50	520
½	.034	369	1784	369	1598	213	1450	135	1020	75	1020
1	.07	489	3455	489	2976	280	1880	175	1600	115	1600
2	.14	650	5331	650	4290	365	2683	230	1970	180	1970
5	.34	785	6430	785	5326	520	3335	330	2945	230	2945
10	.69	1000	8163	1000	6413	700	4414	415	3141	305	3141
15	1.0	1075	9673	1075	7850	795	5024	500	3958	365	3958
20	1.4			1210	8242	875	5690	565	4304	415	4304
30	2.1			1370	10200	970	6600	665	5094	495	5094
40	2.8					1120	7111	750	5503	530	5503
50	3.4					1230	7625	830	5655	575	5655
75	5.2					1450	9615	970	6505	680	6505
100	6.9							1110	7666	750	7666
125	8.6							1190	8554	820	8554
150	10.3									895	10026
175	12.0									930	10500
200	13.8									985	11059
orifice dia.		.218" (5.53 mm)	.625" (15.9 mm)	.218" (5.54 mm)	.500" (12.7 mm)	.166" (4.22 mm)	.421" (10.7 mm)	.125" (3.18 mm)	.332" (8.43 mm)	.100" (2.54 mm)	.332" (8.43 mm)

Capacities in lb/h hot condensate

Differential pressure		FT-150				FT-200			
psi	bar	¾"	1"	1¼"	1½"	¾"	1"	1¼"	1½"
¼	.017	170	170	275	275	120	120	250	250
½	.034	235	235	360	360	160	160	335	335
1	.07	315	315	470	470	210	210	450	450
2	.14	425	425	610	610	280	280	600	600
5	.34	650	650	920	920	400	400	870	870
10	.69	810	810	1120	1120	520	520	1100	1100
15	1.0	940	940	1300	1300	600	600	1280	1280
20	1.4	1020	1020	1415	1415	660	660	1410	1410
30	2.1	1175	1175	1600	1600	770	770	1640	1640
40	2.8	1310	1310	1770	1770	850	850	1800	1800
50	3.4	1410	1410	1935	1935	910	910	1910	1910
75	5.2	1625	1625	2210	2210	1050	1050	2200	2200
100	6.9	1755	1755	2360	2360	1175	1175	2410	2410
125	8.6	1900	1900	2600	2600	1260	1260	2610	2610
150	10.3	2025	2025	2750	2750	1370	1370	2825	2825
175	12.1					1440	1440	2975	2975
200	13.8					1512	1512	3130	3130

*2½ FTB-200 ONLY

For kg/h, multiply by .454

Orifice diameter

in (mm)	.152 (3.86)	.152 (3.86)	.250 (6.35)	.250 (6.35)	.128 (3.25)	.128 (3.25)	.203 (5.16)	.203 (5.16)
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*each orifice of a double seated trap.

Capacities in lb/h hot condensate (continued)

Differential pressure		FTB-20	FTB-30	FTB-50	FTB-125	FTB-175	FTB-200	FTB-175 and FTB-200
psi	bar	2"	2"	1½"	2½"	2"	1½"	2½"
¼	.017	6000	12000	875	19000	2600	920	7000
½	.034	7500	15800	1240	24000	4000	1300	12000
1	.07	9000	19000	1758	29200	5550	1850	17000
2	.14	11500	24000	1995	35000	7100	2100	21000
5	.34	15500	31500	2470	44000	9500	2600	27000
10	.69	19000	38000	3040	52000	11500	3200	32000
15	1.0	22000	41500	3563	57500	13000	3750	35500
20	1.4	25000	43500	3990	61500	14000	4200	38500
30	2.1		45500	4750	68500	16000	5000	42500
40	2.8			5368	73500	17500	5650	46000
50	3.4			5910	78000	18500	6220	48500
75	5.2				86000	21000	7400	54000
100	6.9				93000	22500	8310	58000
125	8.6				100000	24000	9220	61000
150	10.3					25500	10150	64000
175	12.1					27000	10950	68000
200	13.8						11498	69400*

*2½ FTB-200 ONLY

For kg/h, multiply by .454

Orifice diameter

in (mm)	.937 (23.8)	2.125* (54.0*)	.375* (9.53*)	2.125* (54.0*)	.750* (19.05*)	.375* (9.53*)	1.500* (38.1*)
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*each orifice of a double seated trap.