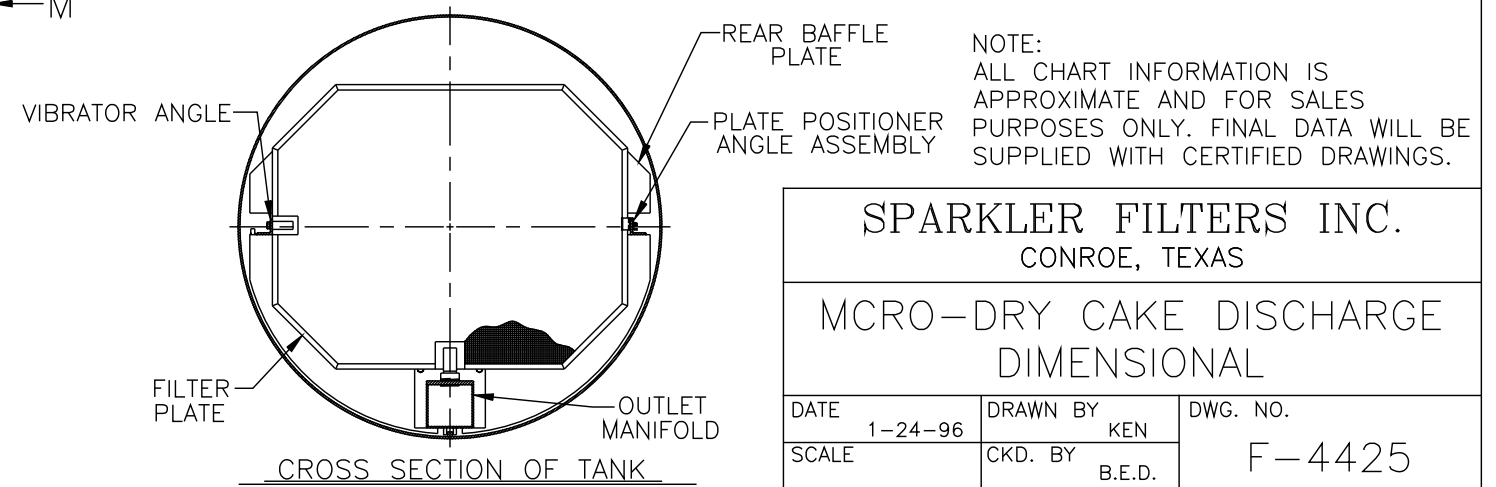


TANK SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	AA	BB
36"	75"	69"	67"	47"	32 1/2"	22"	14"	8"	41 1/2"	2"	18 1/4"	36 1/2"	3"	42 1/2"	36"	8"	11"	21"	4"	4"	1"	3/8"
54"	98"	90 1/2"	86"	59"	36 1/2"	24"	17"	9 1/2"	53 1/2"	2"	27 3/8"	54 3/4"	3 1/2"	61 3/4"	54"	8"	14 1/2"	26"	6"	6"	1 1/2"	1/2"
60"	106"	98 1/2"	94"	64"	39 3/8"	24"	17"	10 1/2"	58 1/2"	2"	30 3/8"	60 3/4"	3 1/2"	67 3/4"	60"	10"	16"	27 1/4"	6"	6"	2"	1/2"
72"	124"	114"	109"	73"	44"	29"	20 1/2"	12"	67 1/2"	2"	36 3/8"	72 3/4"	3 1/2"	79 3/4"	72"	11"	18 3/4"	31"	8"	8"	2"	1/2"



SPARKLER FILTERS INC.
CONROE, TEXAS

**MICRO-DRY CAKE DISCHARGE
DIMENSIONAL**

DATE	1-24-96	DRAWN BY	KEN	DWG. NO.
SCALE		CKD. BY	B.E.D.	F-4425

MCRO DIMENSIONAL DATA TO BE USED FOR DWG.# F-3953 & F-4425

FILTER SIZE NOM. (SQ. FT.)	TANK SIZE	PLATE C/L SPACING	PLATE QTY.	AREA PER PLATE (SQ. FT.)	ACTUAL GROSS AREA (SQ. FT.)	CAKE CAP. 1/2" CLEAR (CU. FT.)	TANK VOLUME (U.S. GALS.)	EMPTY WEIGHT	WEIGHT FULL H2O	W	X	Y	Z
100	36"	4"	12	8.3	99.60	12.44	330	3,200	5,950	81"	134"	140"	146"
100	36"	5"	12	8.3	99.60	16.60	380	3,405	6,570	92"	156"	162"	168"
150	36"	4"	18	8.3	149.40	18.67	430	3,900	7,480	105"	182"	188"	194"
150	36"	5"	18	8.3	149.40	24.90	505	4,220	8,425	122"	216"	222"	228"
150	54"	4"	7	21.0	147.00	18.37	620	5,000	10,160	70"	104"	109"	116"
150	54"	5"	7	21.0	147.00	24.50	680	5,270	10,835	76"	116"	121"	128"
200	54"	4"	10	21.0	210.00	26.25	735	5,600	11,720	82"	128"	134"	140"
200	54"	5"	10	21.0	210.00	35.00	825	5,860	12,730	91"	146"	151"	158"
250	54"	4"	12	21.0	252.00	31.50	815	6,000	12,790	90"	144"	149"	156"
250	54"	5"	12	21.0	252.00	42.00	920	6,315	13,980	101"	166"	171"	178"
300	54"	4"	15	21.0	315.00	39.37	930	6,600	14,350	102"	168"	173"	180"
300	54"	5"	15	21.0	315.00	52.48	1,065	7,000	15,870	116"	196"	201"	208"
400	54"	4"	19	21.0	399.00	49.87	1,090	7,500	16,580	118"	200"	205"	212"
400	54"	5"	19	21.0	399.00	66.47	1,265	8,000	18,535	136"	236"	241"	248"
500	54"	4"	24	21.0	504.00	63.00	1,285	8,500	19,200	138"	240"	245"	252"
500	54"	5"	24	21.0	504.00	83.96	1,310	9,200	20,110	161"	286"	291"	298"
500	60"	4"	20	25.0	500.00	62.50	1,445	8,000	20,040	125"	210"	218"	225"
500	60"	5"	20	25.0	500.00	83.30	1,675	8,600	22,550	144"	248"	256"	263"
600	54"	4"	29	21.0	609.00	76.12	1,480	9,600	21,930	158"	280"	285"	292"
600	54"	5"	29	21.0	609.00	101.45	1,750	10,400	24,980	186"	336"	341"	348"
600	60"	4"	24	25.0	600.00	75.00	1,635	8,800	22,420	141"	242"	250"	257"
600	60"	5"	24	25.0	600.00	99.96	1,910	9,500	25,410	164"	288"	296"	303"
700	60"	4"	28	25.0	700.00	87.50	1,830	9,500	24,740	157"	274"	282"	289"
700	60"	5"	28	25.0	700.00	116.62	2,155	10,400	28,350	184"	328"	336"	343"
800	60"	4"	32	25.0	800.00	100.00	2,020	10,900	27,730	173"	306"	314"	321"
800	60"	5"	32	25.0	800.00	133.28	2,395	11,900	31,850	204"	368"	376"	383"
800	72"	4"	22	37.0	814.00	101.75	2,300	12,500	31,660	140"	234"	239"	246"
800	72"	5"	22	37.0	814.00	135.61	2,665	13,400	35,600	161"	276"	281"	288"
900	60"	4"	36	25.0	900.00	112.50	2,215	11,700	30,150	189"	338"	346"	353"
900	60"	5"	36	25.0	900.00	149.94	2,635	12,800	34,750	224"	408"	416"	423"
900	72"	4"	25	37.0	925.00	115.62	2,505	13,400	34,270	152"	258"	263"	270"
900	72"	5"	25	37.0	925.00	154.10	2,925	14,400	38,765	176"	306"	311"	318"
1000	60"	4"	40	25.0	1,000.00	125.00	2,405	12,500	32,530	205"	370"	378"	385"
1000	60"	5"	40	25.0	1,000.00	166.60	2,875	13,800	37,750	244"	448"	456"	463"
1000	72"	4"	27	37.0	999.00	124.87	2,645	13,900	35,930	160"	274"	2798"	286"
1000	72"	5"	27	37.0	999.00	165.80	3,095	15,000	40,780	186"	326"	331"	338"
1100	72"	4"	30	37.0	1,110.00	138.75	2,855	14,700	38,480	172"	298"	203"	210"
1100	72"	5"	30	37.0	1,110.00	184.92	3,360	15,900	43,890	201"	356"	361"	368"
1200	72"	4"	33	37.0	1,221.00	152.62	3,065	16,200	41,730	184"	322"	327"	334"
1200	72"	5"	33	37.0	1,221.00	203.41	3,620	17,500	47,655	211"	376"	381"	388"
1300	72"	4"	35	37.0	1,295.00	161.87	3,200	16,800	43,460	192"	338"	341"	348"
1300	72"	5"	35	37.0	1,295.00	215.74	3,790	18,200	49,770	226"	406"	411"	418"
1400	72"	4"	38	37.0	1,406.00	175.75	3,410	17,600	46,000	204"	362"	367"	374"
1400	72"	5"	38	37.0	1,406.00	234.23	4,055	19,100	52,880	241"	436"	441"	448"
1500	72"	4"	41	37.0	1,517.00	189.62	3,620	18,400	48,550	216"	386"	391"	398"
1500	72"	5"	41	37.0	1,517.00	252.73	4,315	20,000	56,045	256"	466"	471"	478"
1600	72"	4"	44	37.0	1,628.00	203.50	3,830	19,200	51,100	228"	410"	415"	422"
1600	72"	5"	44	37.0	1,628.00	271.22	4,575	21,000	59,110	271"	496"	501"	508"
1700	72"	4"	46	37.0	1,702.00	212.75	3,965	19,800	52,830	236"	426"	431"	438"
1700	72"	5"	46	37.0	1,702.00	283.55	4,745	21,700	61,225	281"	516"	521"	528"
1800	72"	4"	49	37.0	1,813.00	226.62	4,175	20,600	55,380	248"	450"	455"	462"
1800	72"	5"	49	37.0	1,813.00	302.00	5,010	22,600	64,335	296"	546"	551"	558"
1900	72"	4"	52	37.0	1,924.00	240.50	4,385	21,400	57,930	260"	474"	479"	486"
1900	72"	5"	52	37.0	1,924.00	320.53	5,270	23,500	67,400	311"	576"	581"	588"
2000	72"	4"	54	37.0	1,998.00	249.75	4,525	21,900	59,600	268"	490"	495"	502"
2000	72"	5"	54	37.0	1,998.00	332.86	5,445	24,100	69,455	321"	596"	601"	608"