



Explosion Vent Ratings
SFC Series Cartridge Dust Collectors – June 2004

Unit	Dirty Volume Total		Vent Area		Number of Vents	Vent Ratio	P _{MAX} bar	K _{ST} bar-m/sec		
	m ³	Ft ³	m ²	Ft ²				UnDucted	Ducted <10'	Ducted <20'
SFC 2-2	0.60	21.27	0.19	2.08	1	10.21	10	297	219	44
SFC 4-2	1.02	36.05	0.39	4.17	1	8.65	10	399	294	59
SFC 6-2	1.55	54.74	0.39	4.17	1	13.14	10	292	215	43
SFC 6-3	1.38	48.88	0.39	4.17	1	11.73	10	318	234	47
SFC 8-2	2.60	91.75	0.79	8.47	1	10.83:1	10	408	301	60
SFC 16-2	5.20	183.49	1.57	16.94	2	10.83:1	10	485	357	71
SFC 24-2	7.79	275.24	2.36	25.42	3	10.83:1	10	537	396	79
SFC 32-2	10.39	366.99	3.15	33.89	4	10.83:1	10	577	425	85
SFC 12-3	3.38	119.21	0.79	8.47	1	14.07:1	10	335	247	49
SFC 24-3	6.75	238.42	1.57	16.94	2	14.07:1	10	398	294	59
SFC 36-3	10.13	357.63	2.36	25.42	3	14.07:1	10	441	325	65
SFC 48-3	13.50	476.84	3.15	33.89	4	14.07:1	10	474	349	70
SFC 60-3	16.88	596.05	3.94	42.36	5	14.07:1	10	501	369	74
SFC 72-3	20.25	715.27	4.72	50.83	6	14.07:1	10	524	386	77
SFC 16-4	4.15	146.67	0.79	8.47	1	17.31:1	10	287	211	42
SFC 32-4	8.31	293.35	1.57	16.94	2	17.31:1	10	341	251	50
SFC 48-4	12.46	440.02	2.36	25.42	3	17.31:1	10	377	278	55
SFC 64-4	16.61	586.70	3.15	33.89	4	17.31:1	10	406	299	60
SFC 80-4	20.77	733.37	3.94	42.36	5	17.31:1	10	429	316	63
SFC 96-4	24.92	880.05	4.72	50.83	6	17.31:1	10	449	331	66
SFC 112-4	29.07	1026.72	5.51	59.31	7	17.31:1	10	466	344	69
SFC 128-4	33.23	1173.40	6.30	67.78	8	17.31:1	10	482	356	71