



MODEL FRDL-K90

FIRE RATED DOOR GRILLE (1.5 HOURS)

PERFORMANCE DATA

SIZE WxH (INCH)	AREA FACTOR AK (Ft ²)	FACE VELOCITY (FPM)	175	200	225	250	300	325	350	375	425
		NEG SP (Inch. Wg)									
10x6	0.42	AIRFLOW (CFM)	74	84	95	105	126	137	147	158	179
		NC	<15	16	18	20	24	27	29	32	35
12x6	0.5	AIRFLOW (CFM)	88	100	113	125	150	163	175	188	213
		NC	<15	15	19	22	27	29	31	32	35
14x6 10x8	0.56	AIRFLOW (CFM)	98	112	126	140	168	182	196	210	238
		NC	<15	15	18	22	27	29	30	31	34
24x4 16x6	0.67	AIRFLOW (CFM)	117	134	151	168	201	218	235	251	285
		NC	<15	<15	17	20	26	28	30	32	34
18x6;10x10;12x8	0.7	AIRFLOW (CFM)	123	140	158	175	210	228	245	263	298
		NC	<15	<15	17	20	26	28	29	31	34
20x6;12x10;14x8	0.83	AIRFLOW (CFM)	145	166	187	208	249	270	291	311	353
		NC	<15	<15	16	18	26	29	31	32	34
22x6;16x8;14x10	0.9	AIRFLOW (CFM)	158	180	203	225	270	293	315	338	383
		NC	<15	16	21	25	29	33	37	42	47
18x8;16x10	1	AIRFLOW (CFM)	175	200	225	250	300	325	350	375	425
		NC	<15	<15	16	19	28	29	31	32	35
18x10;14x12	1.25	AIRFLOW (CFM)	219	250	281	313	375	406	438	469	531
		NC	<15	16	18	23	30	32	34	36	39
24x8; 20x10 16x12; 14x14	1.4	AIRFLOW (CFM)	245	280	315	350	420	455	490	525	595
		NC	<15	18	22	26	33	34	36	38	40
14x12; 16x14	1.5	AIRFLOW (CFM)	263	300	338	375	450	488	525	563	638
		NC	17	19	23	27	33	34	36	39	42
24x10; 20x12 18x14; 16x16	1.7	AIRFLOW (CFM)	298	340	383	425	510	553	595	638	723
		NC	19	21	26	30	36	38	40	41	44
24x12;20x14;18x16	2	AIRFLOW (CFM)	350	400	450	500	600	650	700	750	850
		NC	17	20	24	28	34	36	38	40	43
24x14;20x16;18x18	2.3	AIRFLOW (CFM)	403	460	518	575	690	748	805	863	978
		NC	16	20	22	27	33	35	37	40	43
24x16; 20x18	2.6	AIRFLOW (CFM/M	455	520	585	650	780	845	910	975	1105
		NC	16	18	22	26	32	34	38	39	42
20x16;24x18;22x20	3	AIRFLOW (CFM)	525	600	675	750	900	975	1050	1125	1275
		NC	15	17	22	26	31	33	36	38	40
24X20	3.3	AIRFLOW (CFM)	578	660	743	825	990	1073	1155	1238	1403
		NC	<15	17	24	28	32	37	42	48	>50
24X24	4	AIRFLOW (CFM)	700	800	900	1000	1200	1300	1400	1500	1700
		NC	<15	16	20	23	27	31	34	38	44