KRUEGER

5100 | 13% FREE AREA | PERFORMANCE DATA

8" INLET	AIRFLOW (CFM)	100	120	140	160	180	200	220	240	260	280	300
48" x 12" Module	Total Pressure	0.03	0.043	0.058	0.076	0.096	0.119	0.144	0.172	0.201	0.233	0.268
	NC	-	17	19	22	25	27	29	31	34	35	37
60" x 12" Module	Total Pressure	0.028	0.04	0.055	0.072	0.091	0.112	0.136	0.161	0.189	0.22	0.252
	NC	-	16	18	21	24	25	28	30	33	34	36
72" x 12" Module	Total Pressure	0.026	0.037	0.05	0.066	0.083	0.103	0.125	0.148	0.174	0.202	0.232
	NC	-	16	18	21	23	26	27	30	32	33	35

8" INLET	AIRFLOW (CFM)	100	120	140	160	180	200	220	240	260	280	300
24" x 24" Module	Total Pressure	0.03	0.043	0.058	0.076	0.096	0.119	0.144	0.172	0.201	0.233	0.268
	NC	-	17	19	22	25	27	29	31	34	35	37
36" x 24" Module	Total Pressure	0.026	0.037	0.05	0.066	0.083	0.103	0.125	0.148	0.174	0.202	0.232
	NC	-	15	18	21	24	26	28	30	33	34	36
48" x 24" Module	Total Pressure	0.023	0.034	0.046	0.06	0.075	0.093	0.113	0.134	0.158	0.183	0.21
	NC	-	-	17	20	23	25	27	30	32	33	35

10" INLET	AIRFLOW (CFM)	160	180	200	220	240	260	280	300	320	340	360
48" x 24" Module	Total Pressure	0.022	0.028	0.035	0.042	0.05	0.059	0.069	0.079	0.09	0.113	0.14
	NC	-	15	18	19	22	25	27	29	31	33	35
60" x 24" Module	Total Pressure	0.021	0.027	0.033	0.04	0.048	0.056	0.065	0.074	0.084	0.107	0.132
	NC	-	-	17	19	22	24	27	29	31	33	35
72" x 24" Module	Total Pressure	0.021	0.027	0.033	0.036	0.043	0.05	0.058	0.066	0.076	0.096	0.118
	NC	-	-	17	19	22	24	27	29	31	32	34

12" INLET	AIRFLOW (CFM)	230	260	290	315	345	375	400	430	460	490	520
48" x 24" Module	Total Pressure	0.036	0.046	0.057	0.068	0.081	0.096	0.109	0.126	0.144	0.163	0.184
	NC	15	18	21	22	25	28	30	32	35	3	42
60" x 24" Module	Total Pressure	0.031	0.04	0.049	0.058	0.07	0.083	0.094	0.108	0.124	0.141	0.159
	NC	15	18	21	22	25	28	30	32	35	38	42
72" x 24" Module	Total Pressure	0.028	0.036	0.045	0.053	0.063	0.075	0.085	0.099	0.113	0.128	0.144
	NC	14	17	20	21	24	27	29	31	34	37	41

NOTES: Data was derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Noise Criteria (NC) is based on 10 dB room absorption, re 10^{-12} Watts, damper fully open. Blank (-) indicates a NC of less than 15.

5100 | 23% FREE AREA | PERFORMANCE DATA

8" INLET	AIRFLOW (CFM)	200	240	280	320	360	400
24" x 24" Module	Total Pressure	0.08	0.11	0.16	0.2	0.26	0.32
	NC	16	21	27	29	33	37

10" INLET	AIRFLOW (CFM)	200	240	280	320	360	400
24" x 24" Module	Total Pressure	0.04	0.06	0.08	0.1	0.13	0.16
	NC	-	-	19	21	25	29
	AIRFLOW (CFM)	400	480	560	640	720	800
24" x 48" Module	Total Pressure	0.09	0.13	0.18	0.24	0.3	0.37
	NC	26	31	37	39	43	47

12" INLET	AIRFLOW (CFM)	200	240	280	320	360	400
24" x 24" Module	Total Pressure	0.03	0.05	0.06	0.08	0.11	0.13
	NC	-	-	-	-	18	22
	AIRFLOW (CFM)	400	480	560	640	720	800
24" x 48" Module	Total Pressure	0.05	0.07	0.1	0.13	0.16	0.2
	NC	20	25	31	33	37	41
	AIRFLOW (CFM)	500	600	700	800	900	1000
24" x 60" Module	Total Pressure	0.07	0.09	0.13	0.17	0.21	0.26
	NC	25	30	36	38	42	45

14" INLET	AIRFLOW (CFM)	400	480	560	640	720	800
24" x 48" Module	Total Pressure	0.03	0.05	0.06	0.08	0.11	0.13
	NC	-	19	25	27	31	35
	AIRFLOW (CFM)	500	600	700	800	900	1000
24" x 60" Module	Total Pressure	0.04	0.06	0.08	0.1	0.013	0.16
	NC	19	24	30	32	36	40

16" INLET	AIRFLOW (CFM)	500	600	700	800	900	1000
24" x 60" Module	Total Pressure	0.03	0.04	0.05	0.06	0.08	0.1
	NC	-	18	24	26	30	34

NOTES: Data was derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006. Noise Criteria (NC) is based on 10 dB room absorption, re 10^{-12} Watts, damper fully open. Blank (-) indicates a NC of less than 15.