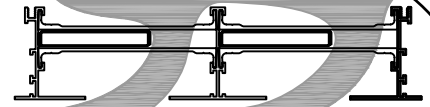




AIR FACTORS



PERFORMANCE DATA

DOUBLE SLOT, STANDARD WEIR GATES WITH PLENUM

7-6

2" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	210	255	300	345	390
			TOTAL PRESSURE	0.076	0.112	0.155	0.205	0.262
			STATIC PRESSURE	0.054	0.079	0.109	0.144	0.184
			NC (NOISE CRITERIA)	18	25	29	33	36
			THROW	6 11 20	8 13 22	9 16 24	11 17 26	12 18 27
		4 FT	AIRFLOW, CFM	300	360	420	480	540
			TOTAL PRESSURE	0.081	0.116	0.158	0.206	0.261
			STATIC PRESSURE	0.035	0.050	0.068	0.088	0.111
			NC (NOISE CRITERIA)	20	24	28	32	35
			THROW	6 9 20	7 11 23	8 13 25	9 15 27	11 17 30
		5 FT	AIRFLOW, CFM	390	455	520	585	650
			TOTAL PRESSURE	0.119	0.162	0.211	0.267	0.329
			STATIC PRESSURE	0.041	0.056	0.072	0.092	0.113
			NC (NOISE CRITERIA)	22	26	30	34	37
			THROW	7 11 21	8 12 24	9 14 26	10 16 28	11 17 30
2" SLOT WIDTH	12" Ø INLET	2 FT	AIRFLOW, CFM	270	345	420	495	570
			TOTAL PRESSURE	0.078	0.127	0.188	0.261	0.345
			STATIC PRESSURE	0.070	0.115	0.170	0.236	0.312
			NC (NOISE CRITERIA)	16	23	29	34	38
			THROW	8 14 23	11 17 26	13 19 29	16 21 31	17 22 33
		4 FT	AIRFLOW, CFM	420	510	600	690	780
			TOTAL PRESSURE	0.069	0.102	0.141	0.187	0.239
			STATIC PRESSURE	0.052	0.076	0.105	0.139	0.177
			NC (NOISE CRITERIA)	19	24	27	30	33
			THROW	8 13 25	10 16 28	12 18 30	14 21 33	15 23 35
		5 FT	AIRFLOW, CFM	480	580	680	780	880
			TOTAL PRESSURE	0.070	0.101	0.139	0.183	0.233
			STATIC PRESSURE	0.046	0.067	0.093	0.122	0.155
			NC (NOISE CRITERIA)	18	25	28	31	34
			THROW	8 13 27	10 15 29	12 18 31	13 20 33	15 23 36
2-1/2" SLOT WIDTH	10" Ø INLET	2 FT	AIRFLOW, CFM	240	320	400	480	560
			TOTAL PRESSURE	0.052	0.092	0.144	0.208	0.282
			STATIC PRESSURE	0.040	0.071	0.111	0.159	0.217
			NC (NOISE CRITERIA)	<15	20	27	33	37
			THROW	7 11 21	9 14 25	12 18 28	14 20 31	16 22 34
		4 FT	AIRFLOW, CFM	400	520	640	760	880
			TOTAL PRESSURE	0.069	0.117	0.177	0.250	0.335
			STATIC PRESSURE	0.036	0.060	0.092	0.129	0.173
			NC (NOISE CRITERIA)	15	20	27	33	37
			THROW	7 12 23	9 15 28	12 18 31	14 21 34	16 24 37
		5 FT	AIRFLOW, CFM	335	470	605	740	875
			TOTAL PRESSURE	0.041	0.080	0.133	0.199	0.278
			STATIC PRESSURE	0.017	0.034	0.056	0.084	0.117
			NC (NOISE CRITERIA)	<15	18	26	33	39
			THROW	5 9 18	8 12 23	10 15 28	12 18 32	14 21 35
2-1/2" SLOT WIDTH	12" Ø INLET	2 FT	AIRFLOW, CFM	260	350	440	530	620
			TOTAL PRESSURE	0.049	0.088	0.139	0.202	0.277
			STATIC PRESSURE	0.042	0.076	0.120	0.174	0.238
			NC (NOISE CRITERIA)	<15	17	27	31	37
			THROW	7 12 22	10 16 26	12 19 29	15 21 31	18 22 35
		4 FT	AIRFLOW, CFM	430	565	700	835	970
			TOTAL PRESSURE	0.054	0.094	0.143	0.204	0.275
			STATIC PRESSURE	0.036	0.061	0.094	0.133	0.180
			NC (NOISE CRITERIA)	15	21	28	34	38
			THROW	9 13 24	11 16 29	13 20 32	15 23 36	17 29 38
		5 FT	AIRFLOW, CFM	500	650	800	950	1100
			TOTAL PRESSURE	0.059	0.100	0.151	0.213	0.284
			STATIC PRESSURE	0.034	0.057	0.086	0.122	0.163
			NC (NOISE CRITERIA)	<15	21	29	35	39
			THROW	8 13 23	11 17 28	13 20 31	15 22 35	17 26 37