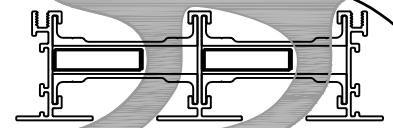




AIR FACTORS



PERFORMANCE DATA

DOUBLE SLOT, STANDARD WEIR GATES WITH PLENUM

7-5

1" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	160	200	240	280	320
			TOTAL PRESSURE	0.076	0.119	0.171	0.233	0.304
			STATIC PRESSURE	0.063	0.099	0.142	0.173	0.252
			NC (NOISE CRITERIA)	16	24	30	35	39
			THROW	8 14 22	11 16 25	13 18 27	15 19 29	16 20 31
		4 FT	AIRFLOW, CFM	230	300	370	440	510
	TOTAL PRESSURE		0.071	0.120	0.184	0.259	0.348	
	STATIC PRESSURE		0.044	0.074	0.113	0.160	0.215	
	NC (NOISE CRITERIA)		<15	20	27	32	37	
	THROW		7 11 24	9 16 27	12 19 30	15 20 32	17 22 35	
	5 FT	AIRFLOW, CFM	280	360	440	520	600	
		TOTAL PRESSURE	0.086	0.142	0.212	0.296	0.394	
STATIC PRESSURE		0.046	0.076	0.113	0.158	0.210		
NC (NOISE CRITERIA)		15	21	28	32	37		
THROW		7 12 25	9 16 28	12 20 31	15 22 33	17 23 36		
1" SLOT WIDTH	10" Ø INLET	2 FT	AIRFLOW, CFM	180	230	280	330	380
			TOTAL PRESSURE	0.075	0.123	0.182	0.253	0.335
			STATIC PRESSURE	0.069	0.112	0.165	0.230	0.305
			NC (NOISE CRITERIA)	15	24	30	35	40
			THROW	10 15 23	13 17 27	15 19 29	16 20 32	17 22 34
		4 FT	AIRFLOW, CFM	240	320	400	480	560
	TOTAL PRESSURE		0.051	0.090	0.140	0.202	0.275	
	STATIC PRESSURE		0.038	0.068	0.108	0.154	0.209	
	NC (NOISE CRITERIA)		15	20	27	32	36	
	THROW		7 12 25	10 17 28	13 20 30	16 22 33	18 23 36	
	5 FT	AIRFLOW, CFM	295	390	485	580	675	
		TOTAL PRESSURE	0.059	0.104	0.160	0.229	0.311	
STATIC PRESSURE		0.041	0.072	0.111	0.159	0.215		
NC (NOISE CRITERIA)		12	22	29	34	38		
THROW		8 13 26	11 18 29	14 21 31	17 23 34	19 25 37		
1-1/2" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	200	240	280	320	360
			TOTAL PRESSURE	0.094	0.134	0.148	0.239	0.302
			STATIC PRESSURE	0.073	0.105	0.143	0.187	0.236
			NC (NOISE CRITERIA)	19	25	30	34	38
			THROW	8 13 22	10 15 23	11 17 27	13 18 27	15 19 29
		4 FT	AIRFLOW, CFM	310	380	450	520	590
	TOTAL PRESSURE		0.106	0.159	0.223	0.298	0.384	
	STATIC PRESSURE		0.057	0.085	0.119	0.159	0.205	
	NC (NOISE CRITERIA)		18	24	29	35	38	
	THROW		7 12 23	9 15 27	11 18 29	13 20 31	15 22 33	
	5 FT	AIRFLOW, CFM	440	510	580	650	720	
		TOTAL PRESSURE	0.176	0.237	0.306	0.385	0.472	
STATIC PRESSURE		0.077	0.104	0.134	0.168	0.207		
NC (NOISE CRITERIA)		23	27	32	36	39		
THROW		9 15 27	11 17 29	13 19 32	14 22 34	15 23 35		
1-1/2" SLOT WIDTH	12" Ø INLET	2 FT	AIRFLOW, CFM	220	270	320	370	420
			TOTAL PRESSURE	0.078	0.118	0.165	0.221	0.284
			STATIC PRESSURE	0.073	0.110	0.155	0.207	0.266
			NC (NOISE CRITERIA)	17	24	30	34	38
			THROW	9 14 22	11 17 25	13 18 27	15 20 30	16 23 31
		4 FT	AIRFLOW, CFM	400	480	560	640	720
	TOTAL PRESSURE		0.085	0.122	0.167	0.217	0.275	
	STATIC PRESSURE		0.069	0.099	0.135	0.176	0.222	
	NC (NOISE CRITERIA)		19	25	30	34	38	
	THROW		10 15 27	12 18 30	14 20 32	16 22 34	18 24 37	
	5 FT	AIRFLOW, CFM	500	600	700	800	900	
		TOTAL PRESSURE	0.100	0.143	0.195	0.255	0.322	
STATIC PRESSURE		0.074	0.107	0.146	0.190	0.240		
NC (NOISE CRITERIA)		22	27	32	37	41		
THROW		11 17 29	13 20 32	15 22 35	17 24 37	20 26 39		