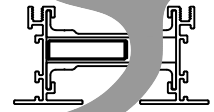




AIR FACTORS



PERFORMANCE DATA

SINGLE SLOT, STANDARD WEIR GATES WITH PLENUM

7-2

1" SLOT WIDTH	6" Ø INLET	2 FT	AIRFLOW, CFM	75	100	125	150	175
			TOTAL PRESSURE	0.062	0.111	0.172	0.249	0.339
			STATIC PRESSURE	0.053	0.095	0.148	0.213	0.290
			NC (NOISE CRITERIA)	<15	20	28	33	37
			THROW	8 11 19	10 14 22	13 20 24	15 21 28	17 22 29
		4 FT	AIRFLOW, CFM	120	160	200	240	280
			TOTAL PRESSURE	0.069	0.123	0.191	0.274	0.374
			STATIC PRESSURE	0.046	0.081	0.127	0.182	0.248
			NC (NOISE CRITERIA)	<15	19	25	31	38
			THROW	7 11 19	9 12 20	12 16 24	14 19 27	16 21 30
		5 FT	AIRFLOW, CFM	150	200	250	300	350
			TOTAL PRESSURE	0.086	0.153	0.239	0.344	0.468
			STATIC PRESSURE	0.050	0.088	0.137	0.198	0.270
			NC (NOISE CRITERIA)	<15	20	26	32	39
			THROW	7 11 20	9 13 21	12 17 25	14 20 28	16 23 31
1" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	100	125	150	175	200
			TOTAL PRESSURE	0.063	0.099	0.142	0.193	0.252
			STATIC PRESSURE	0.058	0.091	0.130	0.177	0.231
			NC (NOISE CRITERIA)	17	25	30	36	40
			THROW	9 14 22	12 15 24	13 19 27	14 18 28	15 19 31
		4 FT	AIRFLOW, CFM	150	190	230	270	310
			TOTAL PRESSURE	0.067	0.106	0.156	0.215	0.283
			STATIC PRESSURE	0.055	0.088	0.129	0.177	0.234
			NC (NOISE CRITERIA)	<15	22	29	34	38
			THROW	8 13 19	11 15 22	13 17 25	15 19 28	17 21 30
		5 FT	AIRFLOW, CFM	180	230	280	330	380
			TOTAL PRESSURE	0.072	0.117	0.173	0.241	0.319
			STATIC PRESSURE	0.055	0.090	0.133	0.185	0.245
			NC (NOISE CRITERIA)	<15	23	30	36	40
			THROW	8 14 21	11 23 25	14 19 27	16 20 30	17 23 32
1-1/2" SLOT WIDTH	6" Ø INLET	2 FT	AIRFLOW, CFM	100	130	160	190	220
			TOTAL PRESSURE	0.086	0.145	0.219	0.309	0.415
			STATIC PRESSURE	0.070	0.117	0.178	0.251	0.337
			NC (NOISE CRITERIA)	16	24	31	36	40
			THROW	8 11 18	10 14 21	12 16 24	13 17 26	14 18 28
		4 FT	AIRFLOW, CFM	160	200	240	280	320
			TOTAL PRESSURE	0.098	0.154	0.221	0.302	0.394
			STATIC PRESSURE	0.057	0.089	0.128	0.175	0.228
			NC (NOISE CRITERIA)	16	21	27	32	37
			THROW	7 11 18	9 13 21	11 17 25	12 18 27	14 19 30
		5 FT	AIRFLOW, CFM	190	240	290	340	390
			TOTAL PRESSURE	0.114	0.182	0.265	0.365	0.480
			STATIC PRESSURE	0.056	0.088	0.129	0.178	0.234
			NC (NOISE CRITERIA)	16	22	28	33	38
			THROW	7 12 20	9 14 23	11 17 27	13 19 30	15 21 32
1-1/2" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	100	130	160	190	220
			TOTAL PRESSURE	0.065	0.110	0.167	0.235	0.315
			STATIC PRESSURE	0.060	0.101	0.154	0.217	0.291
			NC (NOISE CRITERIA)	<15	21	28	33	37
			THROW	7 11 19	9 14 21	12 16 24	13 17 26	14 18 28
		4 FT	AIRFLOW, CFM	180	230	280	330	380
			TOTAL PRESSURE	0.075	0.123	0.181	0.251	0.333
			STATIC PRESSURE	0.058	0.095	0.141	0.196	0.259
			NC (NOISE CRITERIA)	<15	23	31	36	40
			THROW	7 13 21	10 16 24	12 18 27	15 20 30	17 21 32
		5 FT	AIRFLOW, CFM	210	270	330	390	450
			TOTAL PRESSURE	0.078	0.129	0.192	0.268	0.356
			STATIC PRESSURE	0.055	0.091	0.136	0.190	0.252
			NC (NOISE CRITERIA)	15	24	31	37	41
			THROW	8 12 22	10 16 25	12 19 28	15 20 31	17 22 33