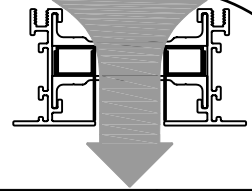




# AIR FACTORS



## PERFORMANCE DATA

### SINGLE SLOT, JET PAIR WITH PLENUM

7-9

1" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	<b>140</b>	<b>185</b>	<b>230</b>	<b>275</b>	<b>320</b>
			TOTAL PRESSURE	0.081	0.141	0.218	0.312	0.422
			STATIC PRESSURE	0.071	0.124	0.191	0.274	0.370
		NC (NOISE CRITERIA)	16	24	31	36	41	
		THROW	7 11 16	9 14 19	12 17 21	14 18 24	16 20 26	
		4 FT	AIRFLOW, CFM	<b>175</b>	<b>250</b>	<b>325</b>	<b>400</b>	<b>475</b>
	TOTAL PRESSURE		0.050	0.103	0.172	0.261	0.269	
	STATIC PRESSURE		0.035	0.070	0.118	0.179	0.253	
	5 FT	NC (NOISE CRITERIA)	<15	19	25	31	36	
		THROW	5 9 15	8 12 18	10 15 21	12 19 24	14 21 27	
		AIRFLOW, CFM	<b>280</b>	<b>365</b>	<b>450</b>	<b>535</b>	<b>620</b>	
		TOTAL PRESSURE	0.105	0.179	0.272	0.381	0.515	
STATIC PRESSURE		0.065	0.111	0.168	0.237	0.318		
NC (NOISE CRITERIA)		19	24	29	34	39		
1" SLOT WIDTH	10" Ø INLET	2 FT	AIRFLOW, CFM	<b>140</b>	<b>185</b>	<b>230</b>	<b>275</b>	<b>320</b>
			TOTAL PRESSURE	0.067	0.117	0.181	0.259	0.350
			STATIC PRESSURE	0.063	0.110	0.170	0.243	0.329
		NC (NOISE CRITERIA)	<15	22	29	34	39	
		THROW	7 11 16	9 14 19	12 17 21	14 18 24	16 20 26	
		4 FT	AIRFLOW, CFM	<b>260</b>	<b>340</b>	<b>420</b>	<b>500</b>	<b>580</b>
	TOTAL PRESSURE		0.078	0.134	0.204	0.289	0.389	
	STATIC PRESSURE		0.064	0.110	0.167	0.236	0.319	
	5 FT	NC (NOISE CRITERIA)	18	24	30	36	42	
		THROW	8 12 19	10 16 22	13 19 25	16 21 27	18 23 29	
		AIRFLOW, CFM	<b>310</b>	<b>410</b>	<b>510</b>	<b>610</b>	<b>710</b>	
		TOTAL PRESSURE	0.084	0.146	0.226	0.323	0.438	
STATIC PRESSURE		0.063	0.111	0.171	0.245	0.332		
NC (NOISE CRITERIA)		17	23	29	34	40		
1" SLOT WIDTH	12" Ø INLET	2 FT	AIRFLOW, CFM	<b>140</b>	<b>185</b>	<b>230</b>	<b>275</b>	<b>320</b>
			TOTAL PRESSURE	0.060	0.105	0.162	0.231	0.314
			STATIC PRESSURE	0.058	0.102	0.157	0.224	0.303
		NC (NOISE CRITERIA)	<15	21	27	32	37	
		THROW	7 11 16	9 14 19	12 17 21	14 18 24	16 20 26	
		4 FT	AIRFLOW, CFM	<b>190</b>	<b>280</b>	<b>370</b>	<b>460</b>	<b>550</b>
	TOTAL PRESSURE		0.036	0.078	0.136	0.209	0.299	
	STATIC PRESSURE		0.032	0.069	0.122	0.189	0.269	
	5 FT	NC (NOISE CRITERIA)	<15	18	24	30	37	
		THROW	6 10 17	9 13 21	12 17 25	14 20 28	17 22 30	
		AIRFLOW, CFM	<b>330</b>	<b>440</b>	<b>550</b>	<b>660</b>	<b>770</b>	
		TOTAL PRESSURE	0.075	0.133	0.208	0.299	0.406	
STATIC PRESSURE		0.064	0.113	0.178	0.255	0.346		
NC (NOISE CRITERIA)		16	23	29	35	40		
1-1/2" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	<b>160</b>	<b>210</b>	<b>260</b>	<b>310</b>	<b>360</b>
			TOTAL PRESSURE	0.077	0.132	0.203	0.288	0.389
			STATIC PRESSURE	0.050	0.085	0.131	0.186	0.251
		NC (NOISE CRITERIA)	<15	18	25	32	37	
		THROW	7 9 16	8 11 19	10 14 22	12 16 25	14 18 29	
		4 FT	AIRFLOW, CFM	<b>300</b>	<b>360</b>	<b>420</b>	<b>480</b>	<b>540</b>
	TOTAL PRESSURE		0.158	0.226	0.309	0.404	0.507	
	STATIC PRESSURE		0.083	0.088	0.121	0.158	0.198	
	5 FT	NC (NOISE CRITERIA)	16	20	24	28	32	
		THROW	7 12 19	9 15 22	10 17 25	11 18 28	13 20 30	
		AIRFLOW, CFM	<b>320</b>	<b>380</b>	<b>460</b>	<b>540</b>	<b>620</b>	
		TOTAL PRESSURE	0.162	0.229	0.345	0.459	0.588	
STATIC PRESSURE		0.054	0.075	0.112	0.151	0.197		
NC (NOISE CRITERIA)		15	19	24	30	37		
THROW	6 11 18	8 13 23	11 16 26	12 19 29	14 22 32			