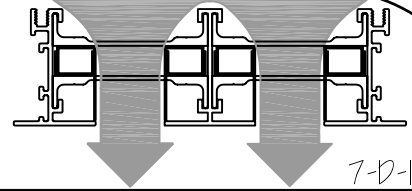




# AIR FACTORS



7-D-12

## PERFORMANCE DATA

### DOUBLE SLOT, JET PAIR WITH PLENUM

1" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	<b>230</b>	<b>305</b>	<b>380</b>	<b>455</b>	<b>530</b>
			TOTAL PRESSURE	0.088	0.155	0.240	0.343	0.466
			STATIC PRESSURE	0.061	0.107	0.166	0.237	0.322
			NC (NOISE CRITERIA)	17	24	30	36	41
		THROW	7 13 22	10 17 25	13 19 28	16 21 31	18 24 33	
		4 FT	AIRFLOW, CFM	<b>360</b>	<b>460</b>	<b>560</b>	<b>660</b>	<b>760</b>
	TOTAL PRESSURE		0.125	0.205	0.303	0.421	0.558	
	STATIC PRESSURE		0.059	0.096	0.142	0.198	0.262	
	NC (NOISE CRITERIA)		15	18	23	27	31	
	THROW	8 14 24	11 17 27	14 20 30	16 22 33	18 24 36		
	5 FT	AIRFLOW, CFM	<b>400</b>	<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>	
		TOTAL PRESSURE	0.102	0.170	0.254	0.356	0.476	
STATIC PRESSURE		0.038	0.065	0.098	0.138	0.186		
NC (NOISE CRITERIA)		<15	19	24	28	32		
THROW	7 12 23	11 14 26	13 18 29	15 21 32	17 24 35			
1" SLOT WIDTH	10" Ø INLET	2 FT	AIRFLOW, CFM	<b>250</b>	<b>335</b>	<b>420</b>	<b>505</b>	<b>590</b>
			TOTAL PRESSURE	0.072	0.128	0.202	0.291	0.397
			STATIC PRESSURE	0.058	0.105	0.165	0.237	0.324
			NC (NOISE CRITERIA)	15	22	28	34	39
		THROW	9 14 22	12 18 26	16 21 29	18 23 32	20 25 35	
		4 FT	AIRFLOW, CFM	<b>440</b>	<b>580</b>	<b>720</b>	<b>860</b>	<b>1000</b>
	TOTAL PRESSURE		0.103	0.179	0.276	0.393	0.532	
	STATIC PRESSURE		0.062	0.108	0.167	0.238	0.322	
	NC (NOISE CRITERIA)		17	22	29	35	40	
	THROW	10 16 27	14 19 30	16 22 33	19 25 36	21 27 39		
	5 FT	AIRFLOW, CFM	<b>500</b>	<b>650</b>	<b>800</b>	<b>950</b>	<b>1100</b>	
		TOTAL PRESSURE	0.080	0.146	0.233	0.340	0.467	
STATIC PRESSURE		0.041	0.076	0.121	0.178	0.245		
NC (NOISE CRITERIA)		16	21	28	34	39		
THROW	9 15 26	14 18 29	18 21 32	21 24 35	20 26 38			
1" SLOT WIDTH	12" Ø INLET	2 FT	AIRFLOW, CFM	<b>260</b>	<b>350</b>	<b>440</b>	<b>530</b>	<b>620</b>
			TOTAL PRESSURE	0.063	0.114	0.179	0.260	0.356
			STATIC PRESSURE	0.056	0.101	0.160	0.232	0.318
			NC (NOISE CRITERIA)	<15	21	27	33	38
		THROW	10 15 23	13 18 27	16 21 30	19 24 33	21 27 36	
		4 FT	AIRFLOW, CFM	<b>480</b>	<b>640</b>	<b>800</b>	<b>960</b>	<b>1120</b>
	TOTAL PRESSURE		0.081	0.144	0.225	0.323	0.440	
	STATIC PRESSURE		0.058	0.102	0.160	0.230	0.313	
	NC (NOISE CRITERIA)		16	23	30	36	42	
	THROW	12 17 28	15 21 32	18 24 36	21 27 40	24 30 43		
	5 FT	AIRFLOW, CFM	<b>550</b>	<b>725</b>	<b>900</b>	<b>1075</b>	<b>1250</b>	
		TOTAL PRESSURE	0.086	0.148	0.229	0.327	0.441	
STATIC PRESSURE		0.055	0.095	0.147	0.210	0.283		
NC (NOISE CRITERIA)		15	22	29	35	41		
THROW	11 18 29	16 22 33	20 26 37	23 29 41	25 32 45			
1-1/2" SLOT WIDTH	8" Ø INLET	2 FT	AIRFLOW, CFM	<b>300</b>	<b>390</b>	<b>480</b>	<b>570</b>	<b>660</b>
			TOTAL PRESSURE	0.080	0.135	0.204	0.288	0.386
			STATIC PRESSURE	0.047	0.080	0.121	0.171	0.228
			NC (NOISE CRITERIA)	<15	17	24	30	35
		THROW	8 13 23	11 17 28	14 20 31	17 22 34	18 25 36	
		4 FT	AIRFLOW, CFM	<b>440</b>	<b>540</b>	<b>640</b>	<b>740</b>	<b>840</b>
	TOTAL PRESSURE		0.109	0.316	0.444	0.596	0.759	
	STATIC PRESSURE		0.039	0.108	0.151	0.203	0.258	
	NC (NOISE CRITERIA)		<15	17	21	25	29	
	THROW	8 11 24	9 13 27	10 15 30	11 18 33	12 20 35		
	5 FT	AIRFLOW, CFM	<b>470</b>	<b>575</b>	<b>680</b>	<b>785</b>	<b>890</b>	
		TOTAL PRESSURE	0.114	0.170	0.238	0.317	0.408	
STATIC PRESSURE		0.034	0.051	0.071	0.095	0.122		
NC (NOISE CRITERIA)		<15	16	20	24	28		
THROW	5 8 22	7 12 26	10 16 29	12 19 32	15 22 35			