



# AIR FACTORS

## PERFORMANCE DATA

### PRESSURIZED CEILING PLENUM WITH JET PAIR

7-8

1" SLOT WIDTH	1 SLOT	AIRFLOW, CFM/FT	<b>20</b>	<b>40</b>	<b>60</b>	<b>80</b>	<b>100</b>	<b>120</b>
		STATIC PRESSURE	0.007	0.028	0.063	0.112	0.174	0.250
		NC (NOISE CRITERIA)	<15	<15	16	20	25	31
		THROW	2 4 8	5 8 15	8 12 19	10 15 23	12 19 26	14 21 29
	2 SLOT	AIRFLOW, CFM/FT	<b>40</b>	<b>85</b>	<b>130</b>	<b>175</b>	<b>220</b>	<b>265</b>
		STATIC PRESSURE	0.007	0.031	0.074	0.134	0.212	0.308
		NC (NOISE CRITERIA)	<15	15	21	28	35	42
		THROW	4 6 10	8 13 23	12 19 29	16 23 34	19 27 38	22 30 42
1-1/2" SLOT WIDTH	1 SLOT	AIRFLOW, CFM/FT	<b>30</b>	<b>60</b>	<b>90</b>	<b>120</b>	<b>150</b>	<b>180</b>
		STATIC PRESSURE	0.010	0.038	0.084	0.148	0.229	0.326
		NC (NOISE CRITERIA)	<15	<15	15	23	30	38
		THROW	3 6 11	6 11 16	9 14 22	11 18 27	13 21 31	16 24 34
	2 SLOT	AIRFLOW, CFM/FT	<b>60</b>	<b>120</b>	<b>180</b>	<b>240</b>	<b>300</b>	<b>360</b>
		STATIC PRESSURE	0.009	0.037	0.084	0.150	0.234	0.337
		NC (NOISE CRITERIA)	<15	16	22	28	36	43
		THROW	4 9 11	8 16 25	13 22 32	18 26 38	21 30 43	24 33 46
2" SLOT WIDTH	1 SLOT	AIRFLOW, CFM/FT	<b>35</b>	<b>75</b>	<b>115</b>	<b>155</b>	<b>195</b>	<b>235</b>
		STATIC PRESSURE	0.008	0.035	0.081	0.145	0.226	0.325
		NC (NOISE CRITERIA)	<15	<15	21	25	32	39
		THROW	3 4 9	6 10 18	10 14 25	13 19 30	16 23 34	19 26 38
	2 SLOT	AIRFLOW, CFM/FT	<b>70</b>	<b>150</b>	<b>230</b>	<b>310</b>	<b>390</b>	<b>470</b>
		STATIC PRESSURE	0.007	0.034	0.081	0.147	0.233	0.339
		NC (NOISE CRITERIA)	16	21	26	31	36	41
		THROW	4 6 12	9 14 27	14 22 35	20 27 42	23 31 47	26 35 51
2-1/2" SLOT WIDTH	1 SLOT	AIRFLOW, CFM/FT	<b>40</b>	<b>95</b>	<b>150</b>	<b>205</b>	<b>260</b>	<b>315</b>
		STATIC PRESSURE	0.005	0.029	0.071	0.131	0.208	0.302
		NC (NOISE CRITERIA)	<15	<15	20	26	32	40
		THROW	3 4 9	6 10 20	11 16 27	14 25 33	17 25 37	20 28 41
	2 SLOT	AIRFLOW, CFM/FT	<b>80</b>	<b>190</b>	<b>300</b>	<b>410</b>	<b>520</b>	<b>630</b>
		STATIC PRESSURE	0.005	0.029	0.073	0.136	0.219	0.322
		NC (NOISE CRITERIA)	15	18	25	33	40	46
		THROW	4 6 13	9 16 29	16 24 38	21 29 45	26 34 50	29 39 55
3" SLOT WIDTH	1 SLOT	AIRFLOW, CFM/FT	<b>50</b>	<b>115</b>	<b>180</b>	<b>245</b>	<b>310</b>	<b>375</b>
		STATIC PRESSURE	0.006	0.031	0.075	0.136	0.216	0.313
		NC (NOISE CRITERIA)	<15	<15	21	28	35	43
		THROW	3 5 10	7 11 21	11 17 29	15 21 35	18 25 39	21 29 43
	2 SLOT	AIRFLOW, CFM/FT	<b>100</b>	<b>230</b>	<b>360</b>	<b>490</b>	<b>620</b>	<b>750</b>
		STATIC PRESSURE	0.006	0.031	0.076	0.141	0.226	0.330
		NC (NOISE CRITERIA)	<15	16	24	33	40	46
		THROW	5 7 15	10 17 31	16 25 40	22 30 48	26 35 53	29 39 58