

PERFORMANCE DATA

PDS – 12 in. x 12 in. Module

Inlet Size		Total Pressure (in. w.g.)	.030	.050	.078	.112	.152	.196	.310	.440	.600	
5 Ø	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	25	30	35	39	43	49	54	54	58	
	Throw (ft.)	4 Way	2-2-5	2-4-6	4-5-8	4-6-10	5-7-12	5-8-13	6-10-16	7-12-19	10-14-23	10-14-24
		3 Way	2-4-5	2-5-7	4-5-8	5-6-10	5-7-12	6-8-14	7-11-17	8-13-19	8-13-19	10-14-24
		2 Way	2-4-6	4-5-8	4-6-10	5-7-12	6-8-14	6-10-16	8-12-19	10-14-23	11-17-28	11-17-28
1 Way	4-5-7	4-6-10	5-7-12	6-10-14	7-11-17	8-12-19	10-16-24	12-18-29	12-18-29	13-20-34		
6 Ø	Total Pressure (in. w.g.)	.018	.031	.048	.069	.094	.121	.192	.272	.372	.372	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	18	23	28	32	36	42	47	47	51	
	Throw (ft.)	4 Way	2-2-4	2-3-6	3-4-8	3-6-9	4-7-11	4-8-12	6-9-14	7-11-18	9-13-21	9-13-21
		3 Way	2-3-4	2-4-7	3-4-8	4-6-9	4-7-11	6-8-13	7-10-15	8-12-18	9-13-22	9-13-22
2 Way		2-3-6	3-4-8	3-6-9	4-7-11	6-8-13	6-9-14	8-11-18	9-13-21	10-15-25	10-15-25	
1 Way	3-4-7	3-6-9	4-7-11	6-9-13	7-10-15	8-11-18	9-14-22	11-17-26	11-17-26	12-19-31		
6 x 6	Total Pressure (in. w.g.)	.015	.025	.039	.056	.076	.098	.155	.220	.300	.300	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	-	19	24	28	32	38	43	43	47	
	Throw (ft.)	4 Way	2-2-4	2-3-5	3-4-7	3-5-8	4-6-10	4-7-11	5-8-13	6-10-16	8-12-19	8-12-19
		3 Way	2-3-4	2-4-6	3-4-7	4-5-8	4-6-10	5-7-12	6-9-14	7-11-16	8-12-20	8-12-20
2 Way		2-3-5	3-4-7	3-5-8	4-6-10	5-7-12	5-8-13	7-10-16	8-12-19	9-14-23	9-14-23	
1 Way	3-4-6	3-5-8	4-6-10	5-8-12	6-9-14	7-10-16	8-13-20	10-15-24	11-17-28	11-17-28		
7 Ø	Total Pressure (in. w.g.)	.014	.024	.037	.053	.073	.094	.149	.211	.288	.288	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	-	17	22	26	30	36	41	41	45	
	Throw (ft.)	4 Way	2-2-4	2-3-5	3-4-7	3-5-8	4-6-10	4-7-11	5-8-13	6-10-16	8-12-19	8-12-19
		3 Way	2-3-4	2-4-6	3-4-7	4-5-8	4-6-10	5-7-12	6-9-14	7-11-16	8-12-20	8-12-20
2 Way		2-3-5	3-4-7	3-5-8	4-6-10	5-7-12	5-8-13	7-10-16	8-12-19	9-14-23	9-14-23	
1 Way	3-4-6	3-5-8	4-6-10	5-8-12	6-9-14	7-10-16	8-13-20	10-15-24	11-17-28	11-17-28		

PDS – 12 in. x 24 in., 36 in., 48 in. Module

Inlet Size		Total Pressure (in. w.g.)	.027	.045	.071	.102	.139	.179	.283	.402	.549	
5 Ø	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	25	30	35	39	43	49	54	54	58	
	Throw (ft.)	4 Way	2-2-5	2-2-6	4-5-8	4-6-10	5-7-12	5-8-13	6-10-16	7-12-19	10-14-23	10-14-23
		3 Way	2-4-5	2-5-7	4-5-8	5-6-10	5-7-12	6-8-14	7-11-17	8-13-19	10-14-24	10-14-24
		2 Way	2-4-6	4-5-8	4-6-10	5-7-12	6-8-14	6-10-16	8-12-19	10-14-23	11-17-28	11-17-28
1 Way	4-5-7	4-6-10	5-7-12	6-10-14	7-11-17	8-12-19	10-16-24	12-18-29	12-18-29	13-20-34		
6 Ø	Total Pressure (in. w.g.)	.014	.024	.037	.054	.073	.095	.150	.213	.291	.291	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	18	23	28	32	36	42	47	47	51	
	Throw (ft.)	4 Way	2-2-4	2-3-6	3-4-8	3-6-9	4-7-11	4-8-12	6-9-14	7-11-18	9-13-21	9-13-21
		3 Way	2-3-4	2-4-7	3-4-8	4-6-9	4-7-11	6-8-13	7-10-15	8-12-18	9-13-22	9-13-22
2 Way		2-3-6	3-4-8	3-6-9	4-7-11	6-8-13	6-9-14	8-11-18	9-13-21	10-15-25	10-15-25	
1 Way	3-4-7	3-6-9	4-7-11	6-9-13	7-10-15	8-11-18	9-14-22	11-17-26	11-17-26	12-19-31		
6 x 6	Total Pressure (in. w.g.)	.010	.016	.025	.036	.049	.064	.101	.143	.195	.195	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	-	19	24	28	32	38	43	43	47	
	Throw (ft.)	4 Way	2-2-4	2-3-5	3-4-7	3-5-8	4-6-10	4-7-11	5-8-13	6-10-16	8-12-19	8-12-19
		3 Way	2-3-4	2-4-6	3-4-7	4-5-8	4-6-10	5-7-12	6-9-14	7-11-16	8-12-20	8-12-20
2 Way		2-3-5	3-4-7	3-5-8	4-6-10	5-7-12	5-8-13	7-10-16	8-12-19	9-14-23	9-14-23	
1 Way	3-4-6	3-5-8	4-6-10	5-8-12	6-9-14	7-10-16	8-13-20	10-15-24	11-17-28	11-17-28		
18 x 6	Total Pressure (in. w.g.)	.035	.059	.095	.135	.185	.240	.370	.530	.730	.730	
	Flow Rate (cfm)	225	300	375	450	525	600	750	900	1050	1050	
	Sound (NC)	17	25	31	36	40	44	50	55	60	60	
	Throw (ft.)	4 Way	4-7-9	6-10-16	8-12-20	10-15-24	11-17-28	13-19-32	16-24-39	19-29-46	22-34-53	22-34-53
		3 Way	5-8-12	7-10-16	8-13-20	10-15-24	12-18-28	13-20-32	17-25-41	20-30-49	23-35-56	23-35-56
2 Way		5-8-13	7-11-18	9-13-22	11-16-27	13-19-32	15-22-35	19-29-44	21-32-51	25-37-60	25-37-60	
1 Way	8-12-19	11-16-26	13-19-33	16-23-39	19-27-46	21-31-51	26-39-62	31-47-74	37-55-89	37-55-89		
7 Ø	Total Pressure (in. w.g.)	.015	.025	.039	.056	.076	.098	.155	.220	.300	.300	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	300	350	
	Sound (NC)	-	-	17	22	28	30	36	41	41	45	
	Throw (ft.)	4 Way	2-2-4	2-3-5	3-4-7	3-5-8	4-6-10	4-7-11	5-8-13	6-10-16	8-12-19	8-12-19
		3 Way	2-3-4	2-4-6	3-4-7	4-5-8	4-6-10	5-7-12	6-9-14	7-11-16	8-12-20	8-12-20
2 Way		2-3-5	3-4-7	3-5-8	4-6-10	5-7-12	5-8-13	7-10-16	8-12-19	9-14-23	9-14-23	
1 Way	3-4-6	3-5-8	4-6-10	5-8-12	6-9-14	7-10-16	8-13-20	10-15-24	11-17-28	11-17-28		

For performance notes, see end of section.

PERFORMANCE DATA

PDS – 16 in. x 16 in. Module

Inlet Size												
5 Ø	Total Pressure (in. w.g.)	.028	.048	.075	.107	.146	.188	.297	.422	.576		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	25	30	35	39	43	49	54	58		
	Throw (ft.)	4 Way	2-2-4	2-3-5	3-4-7	3-5-8	4-6-10	4-7-11	5-8-13	6-10-16	8-12-19	
		3 Way	2-3-4	2-4-6	3-4-7	4-5-8	4-6-10	5-7-12	6-9-14	7-11-16	8-12-20	
2 Way		2-3-5	3-4-7	3-5-8	4-6-10	5-7-12	5-8-13	7-10-16	8-12-19	9-14-23		
1 Way		3-4-6	3-5-8	4-6-10	5-8-12	6-9-14	7-10-16	8-13-20	10-15-24	11-17-28		
6 Ø	Total Pressure (in. w.g.)	.016	.026	.041	.059	.079	.103	.163	.231	.315		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	18	23	28	32	36	42	47	51		
	Throw (ft.)	4 Way	2-2-4	2-3-5	3-4-7	3-5-7	4-6-9	4-7-10	5-7-12	6-9-15	7-11-18	
		3 Way	2-3-4	2-4-6	3-4-7	4-5-7	4-6-9	5-7-11	6-8-13	7-10-15	7-11-19	
2 Way		2-3-5	3-4-7	3-5-7	4-6-9	5-7-11	5-7-12	7-9-15	7-11-18	8-13-21		
1 Way		3-4-6	3-5-7	4-6-9	5-7-11	6-8-13	7-9-15	7-12-19	9-14-22	10-16-26		
6 x 6	Total Pressure (in. w.g.)	.011	.019	.029	.042	.057	.073	.116	.165	.225		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	-	19	24	28	32	38	43	47		
	Throw (ft.)	4 Way	2-2-3	2-3-4	3-3-6	3-4-7	3-5-9	3-6-10	4-7-11	5-9-14	7-10-17	
		3 Way	2-3-3	2-3-5	3-3-6	3-4-7	3-5-9	4-6-10	5-8-12	6-10-14	7-10-17	
2 Way		2-3-4	3-3-5	3-4-7	3-5-9	4-6-10	4-7-11	6-9-14	7-10-17	8-12-20		
1 Way		3-3-5	3-4-7	3-5-8	4-7-10	5-8-12	6-9-14	7-11-17	9-13-21	10-15-24		
7 Ø	Total Pressure (in. w.g.)	.010	.017	.026	.038	.051	.066	.105	.149	.204		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	-	17	22	26	30	36	41	45		
	Throw (ft.)	4 Way	2-2-3	2-3-4	3-3-6	3-4-7	3-5-9	3-6-9	4-7-11	5-9-14	7-10-16	
		3 Way	2-3-3	2-3-5	3-3-6	3-4-7	3-5-9	4-6-10	5-8-12	6-9-14	7-10-17	
2 Way		2-3-4	3-3-6	3-4-7	3-5-9	4-6-10	4-7-11	6-9-14	7-10-16	8-12-20		
1 Way		3-3-5	3-4-7	3-5-9	4-7-10	5-8-12	6-9-14	7-11-17	9-13-20	9-14-24		
8 Ø	Total Pressure (in. w.g.)	.023	.038	.059	.085	.115	.149	.235	.337	.462		
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620		
	Sound (NC)	-	22	28	34	38	41	47	53	57		
	Throw (ft.)	4 Way	2-3-6	3-4-8	4-7-10	4-8-12	6-9-14	7-10-15	8-12-20	10-14-23	11-17-28	
		3 Way	2-3-7	3-6-8	4-7-11	6-8-13	7-9-15	7-10-17	9-13-21	10-15-25	11-18-29	
2 Way		2-4-7	4-6-10	4-8-12	6-9-14	7-10-17	8-12-19	10-14-23	12-18-29	13-21-33		
1 Way		3-6-9	4-8-12	7-9-15	8-10-18	9-13-21	10-14-23	12-19-30	14-22-35	17-25-41		
8 x 8	Total Pressure (in. w.g.)	.017	.028	.044	.063	.085	.110	.173	.248	.340		
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620		
	Sound (NC)	-	17	23	29	33	36	42	48	52		
	Throw (ft.)	4 Way	2-3-5	3-4-7	4-6-9	4-7-11	5-8-13	6-9-14	7-11-18	9-13-21	10-15-25	
		3 Way	2-3-6	3-5-7	4-6-10	5-7-12	6-8-14	6-9-15	8-12-19	9-14-23	10-16-26	
2 Way		3-4-6	4-5-9	4-7-11	5-8-13	6-9-15	7-11-17	9-13-21	11-16-26	12-19-30		
1 Way		3-5-8	4-7-11	6-8-14	7-10-16	8-12-19	9-13-21	11-17-27	13-20-32	15-23-37		
10 Ø	Total Pressure (in. w.g.)	.031	.052	.083	.119	.161	.207	.328	.467	.640		
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975		
	Sound (NC)	17	25	31	36	40	44	50	55	60		
	Throw (ft.)	4 Way	4-5-8	5-6-11	6-8-13	7-10-16	7-12-18	8-13-22	11-17-26	13-19-31	16-23-36	
		3 Way	4-5-8	5-7-12	6-8-14	7-11-17	8-12-16	10-14-18	12-18-29	14-22-34	17-24-40	
2 Way		4-6-10	5-8-13	6-10-16	8-12-19	10-14-23	11-16-25	13-20-32	16-24-45	18-28-44		
1 Way		5-7-12	7-10-17	8-12-20	10-14-24	12-18-29	13-20-32	17-25-41	20-30-48	23-35-56		

For performance notes, see end of section.

PERFORMANCE DATA

PDS – 20 in. x 20 in. Module

Inlet Size												
5 0	Total Pressure (in. w.g.)	.028	.047	.073	.105	.142	.184	.291	.414	.564		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	25	30	35	39	43	49	54	58		
	Throw (ft.)	4 Way	2-2-4	2-3-5	3-4-6	3-5-7	4-5-9	4-6-10	5-7-12	5-9-15	7-11-17	
		3 Way	2-3-4	2-4-5	3-4-6	4-5-7	4-5-9	5-6-11	5-8-13	6-10-15	7-11-18	
2 Way		2-3-5	3-4-6	3-5-7	4-5-9	5-6-11	5-7-12	6-9-15	7-11-17	8-13-21		
1 Way		3-4-5	3-5-7	4-5-9	5-7-11	5-8-13	6-9-15	7-12-18	9-14-22	10-15-25		
6 0	Total Pressure (in. w.g.)	.015	.025	.039	.057	.077	.099	.157	.222	.303		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	18	23	28	32	36	42	47	51		
	Throw (ft.)	4 Way	2-2-3	2-3-4	3-3-6	3-4-7	3-5-8	3-6-9	4-7-11	5-8-13	7-10-16	
		3 Way	2-3-3	2-3-5	3-3-6	3-4-7	3-5-8	4-6-10	5-7-11	6-9-13	7-10-16	
2 Way		2-3-4	3-3-6	3-4-7	3-5-8	4-6-10	4-7-11	6-8-13	7-10-16	7-11-19		
1 Way		3-3-5	3-4-7	3-5-8	4-7-9	5-7-11	6-8-13	7-11-16	8-12-20	9-14-23		
6 x 6	Total Pressure (in. w.g.)	.010	.017	.027	.039	.053	.086	.108	.154	.210		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	17	23	29	33	36	42	48	52		
	Throw (ft.)	4 Way	2-2-3	2-2-4	2-3-5	2-4-6	3-5-8	3-5-8	4-6-10	4-8-12	6-9-14	
		3 Way	2-2-3	2-3-5	2-3-5	3-4-6	3-5-8	4-5-9	4-7-11	5-8-12	6-9-15	
2 Way		2-2-4	2-3-5	2-4-6	3-5-8	4-5-9	4-6-10	5-8-12	6-9-14	7-11-17		
1 Way		2-3-5	2-4-6	3-5-8	4-6-9	5-7-11	5-8-12	6-10-15	8-11-18	8-13-21		
7 0	Total Pressure (in. w.g.)	.009	.015	.024	.035	.047	.062	.097	.138	.189		
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350		
	Sound (NC)	-	-	17	22	26	30	36	41	45		
	Throw (ft.)	4 Way	2-2-3	2-2-4	2-3-5	2-4-6	3-4-8	3-5-8	4-6-10	5-8-12	6-9-14	
		3 Way	2-2-3	2-3-5	2-3-5	3-4-6	3-4-8	4-5-9	5-7-11	5-8-12	8-9-15	
2 Way		2-2-4	2-3-5	2-4-6	3-4-8	4-5-9	4-6-10	5-8-12	6-9-14	7-11-17		
1 Way		2-3-5	2-4-6	3-4-8	4-6-9	5-7-11	5-8-12	6-10-15	8-11-18	8-13-21		
8 0	Total Pressure (in. w.g.)	.020	.033	.052	.075	.102	.132	.207	.297	.408		
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620		
	Sound (NC)	-	22	28	34	38	41	47	53	57		
	Throw (ft.)	4 Way	2-3-5	3-4-7	4-6-9	4-7-10	5-8-12	6-9-13	7-10-17	9-12-20	10-14-24	
		3 Way	2-3-6	3-5-7	4-6-10	5-7-11	6-8-13	6-9-14	8-11-18	9-13-22	10-15-25	
2 Way		3-4-6	4-5-9	4-7-10	5-8-12	6-9-14	7-10-16	9-12-20	10-15-25	11-18-29		
1 Way		3-5-8	4-7-10	6-8-13	7-10-15	8-11-18	9-12-20	10-16-26	12-19-30	14-22-35		
8 x 8	Total Pressure (in. w.g.)	.014	.024	.037	.053	.072	.093	.147	.210	.289		
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620		
	Sound (NC)	-	17	23	29	33	36	42	48	52		
	Throw (ft.)	4 Way	2-3-5	3-4-6	4-5-8	4-6-10	5-7-12	5-8-13	6-10-16	8-12-19	9-14-23	
		3 Way	2-3-5	3-5-6	4-5-9	5-6-11	5-7-13	5-8-14	7-11-17	8-13-21	9-14-23	
2 Way		3-4-5	4-5-8	4-6-10	5-7-12	5-8-14	6-10-15	8-12-19	10-14-23	11-17-27		
1 Way		3-5-7	4-6-10	5-7-13	6-9-14	7-11-17	8-12-19	10-15-26	12-18-29	14-21-33		
10 0	Total Pressure (in. w.g.)	.025	.042	.067	.097	.131	.169	.267	.380	.520		
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975		
	Sound (NC)	17	25	31	36	40	44	50	55	60		
	Throw ((ft.)(ft.))	4 Way	3-4-8	4-6-10	6-8-12	7-9-14	7-11-17	8-13-20	10-15-24	12-18-29	14-21-33	
		3 Way	3-4-8	4-7-11	6-8-13	7-10-15	8-11-19	9-13-21	11-17-26	13-20-31	15-22-36	
2 Way		3-6-9	4-8-12	6-9-14	8-11-18	9-13-21	10-14-23	12-19-30	14-22-35	17-25-41		
1 Way		4-7-11	7-9-15	8-11-19	9-13-22	11-17-26	12-19-30	15-23-37	19-18-44	21-32-52		
10 x 10	Total Pressure (in. w.g.)	.018	.030	.048	.069	.093	.120	.190	.270	.370		
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975		
	Sound (NC)	-	21	27	32	36	40	46	51	56		
	Throw (ft.)	4 Way	3-4-7	4-5-9	5-7-11	6-8-13	6-10-15	7-11-18	9-14-22	11-16-26	13-19-30	
		3 Way	3-4-7	4-6-10	5-7-12	6-9-14	7-10-17	8-12-19	10-15-24	12-18-28	14-20-33	
2 Way		3-5-8	4-7-11	5-8-13	7-10-16	8-12-19	9-13-21	11-17-27	13-20-32	15-23-37		
1 Way		4-6-10	6-8-14	7-10-17	8-12-20	10-15-24	11-17-27	14-21-34	17-25-40	19-29-47		
12 0	Total Pressure (in. w.g.)	.015	.025	.040	.057	.078	.101	.159	.226	.310		
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975		
	Sound (NC)	-	18	24	29	33	37	43	48	53		
	Throw (ft.)	4 Way	3-4-7	4-5-9	5-7-11	6-8-13	6-10-15	7-11-18	9-14-22	11-16-26	13-19-30	
		3 Way	3-4-7	4-6-10	5-7-12	6-9-14	7-10-17	8-12-19	10-15-24	12-18-28	14-20-33	
2 Way		3-5-8	4-7-11	5-8-11	7-10-16	8-12-19	9-13-21	11-17-27	13-20-32	15-23-37		
1 Way		4-6-10	6-8-14	7-10-17	8-12-20	10-15-24	11-17-27	14-21-34	17-25-40	19-29-47		

For performance notes, see end of section.

PERFORMANCE DATA

PDS – 24 in. x 24 in. Module

Inlet Size											
5 0	Total Pressure (in. w.g.)	.027	.045	.071	.102	.138	.178	.282	.400	.546	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	25	30	35	39	43	49	54	58	
	Throw (ft.)	4 Way	2-2-3	2-3-4	3-3-6	3-4-7	3-5-8	3-6-9	4-7-11	5-8-13	7-10-16
		3 Way	2-3-3	2-3-5	3-3-6	3-4-7	3-5-8	4-6-10	5-8-12	6-9-13	7-10-17
2 Way		2-3-4	3-3-6	3-4-7	3-5-8	4-6-10	4-7-11	6-8-13	7-10-16	8-12-19	
1 Way		3-3-5	3-4-7	3-5-8	4-7-10	5-8-12	6-8-13	7-11-17	8-13-20	9-14-24	
6 0	Total Pressure (in. w.g.)	.014	.024	.037	.053	.073	.094	.148	.211	.288	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	18	23	28	32	36	42	47	51	
	Throw (ft.)	4 Way	1-1-3	1-2-4	2-3-5	2-4-6	3-4-7	3-5-8	4-6-9	4-7-12	6-9-14
		3 Way	1-2-3	1-3-4	2-3-5	3-4-6	3-4-7	4-5-9	4-7-10	5-8-12	6-9-15
2 Way		1-2-4	2-3-5	2-4-6	3-4-7	4-5-9	4-6-9	5-7-12	6-9-14	7-10-17	
1 Way		2-3-4	2-4-6	3-4-7	4-6-9	4-7-10	5-7-12	6-9-15	7-11-18	8-12-20	
6 x 6	Total Pressure (in. w.g.)	.009	.016	.025	.036	.049	.063	.101	.143	.195	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	-	19	24	28	32	38	43	47	
	Throw (ft.)	4 Way	1-1-3	1-2-4	2-3-5	2-4-6	3-4-7	3-5-8	4-6-9	4-7-11	6-8-13
		3 Way	1-2-3	1-3-4	2-3-5	3-4-6	3-4-7	4-5-8	4-6-10	5-8-11	6-8-14
2 Way		1-2-4	2-3-5	3-4-7	4-5-8	4-5-8	4-6-9	5-7-11	6-8-13	6-10-16	
1 Way		2-3-4	2-4-6	3-4-7	4-6-8	4-6-10	5-7-11	6-9-14	7-11-17	8-12-20	
7 0	Total Pressure (in. w.g.)	.009	.015	.024	.035	.047	.062	.097	.138	.189	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	-	17	22	26	30	36	41	45	
	Throw (ft.)	4 Way	1-1-3	1-2-3	2-3-5	2-3-6	3-4-7	3-5-8	3-6-9	4-7-11	6-8-13
		3 Way	1-2-3	1-3-4	2-3-5	3-3-6	3-4-7	3-5-8	4-6-10	5-8-11	6-8-14
2 Way		1-2-3	2-3-5	2-3-6	3-4-7	3-5-8	3-6-9	5-7-11	6-8-13	6-10-16	
1 Way		2-3-4	2-3-6	3-4-7	3-6-8	4-6-10	5-7-11	6-9-14	7-10-17	8-12-19	
8 0	Total Pressure (in. w.g.)	.018	.031	.048	.069	.094	.122	.192	.275	.377	
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620	
	Sound (NC)	-	22	28	34	38	41	47	53	57	
	Throw (ft.)	4 Way	2-2-4	3-3-6	3-5-8	3-6-9	4-7-11	5-8-12	6-9-15	8-11-18	9-13-21
		3 Way	2-3-5	3-4-6	3-5-9	4-6-10	5-7-12	5-8-15	7-10-16	8-12-20	9-14-22
2 Way		3-3-5	3-4-8	3-6-9	4-7-11	5-8-13	6-9-15	8-11-18	9-14-22	10-16-26	
1 Way		3-4-7	3-6-9	5-7-12	6-9-14	7-10-16	8-11-18	9-15-23	10-17-28	13-20-32	
8 x 8	Total Pressure (in. w.g.)	.013	.022	.034	.049	.067	.087	.137	.196	.268	
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620	
	Sound (NC)	-	17	23	29	33	36	42	48	52	
	Throw (ft.)	4 Way	2-2-4	2-3-6	3-5-7	3-6-9	4-7-11	5-7-11	6-9-15	7-11-17	8-12-20
		3 Way	2-2-5	2-4-6	3-5-8	4-6-10	5-7-11	5-7-12	7-10-16	7-11-19	8-13-21
2 Way		2-3-5	3-4-7	3-6-9	4-7-11	5-7-12	6-9-14	7-11-17	9-13-21	10-16-25	
1 Way		2-4-7	3-6-9	5-7-11	6-8-13	7-9-16	7-11-17	9-14-22	11-16-26	12-19-30	
10 0	Total Pressure (in. w.g.)	.023	.038	.061	.087	.118	.152	.241	.342	.470	
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975	
	Sound (NC)	17	25	31	36	40	44	50	55	60	
	Throw (ft.)	4 Way	3-4-7	4-5-9	5-7-11	6-8-13	6-10-15	7-11-17	9-14-21	11-16-25	13-18-29
		3 Way	3-4-7	4-6-10	5-7-12	6-9-14	7-10-16	8-12-18	10-15-23	12-17-27	14-19-32
2 Way		3-5-8	4-7-11	5-8-13	7-10-16	8-12-18	9-13-20	11-16-26	13-19-31	15-22-36	
1 Way		4-6-10	6-8-14	7-10-16	8-12-19	10-15-23	11-16-26	14-20-33	16-24-39	18-28-46	
10 x 10	Total Pressure (in. w.g.)	.016	.026	.042	.061	.082	.106	.169	.240	.329	
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975	
	Sound (NC)	-	21	27	32	36	40	46	51	56	
	Throw (ft.)	4 Way	3-4-6	4-5-8	5-6-10	5-7-12	5-9-14	6-10-16	8-13-20	10-15-24	12-17-27
		3 Way	3-4-6	4-5-9	5-6-11	5-8-13	6-9-15	7-10-17	9-14-22	11-16-25	13-18-30
2 Way		3-5-7	4-6-9	5-7-12	6-9-15	7-11-17	8-12-19	10-15-25	12-18-29	14-21-34	
1 Way		4-5-9	5-7-13	6-9-15	7-11-18	9-13-22	10-15-25	13-19-31	15-23-36	17-26-43	
12 0	Total Pressure (in. w.g.)	.013	.021	.035	.051	.069	.089	.141	.200	.274	
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975	
	Sound (NC)	-	18	24	29	33	37	43	48	53	
	Throw (ft.)	4 Way	3-4-6	4-4-8	4-6-10	5-7-11	5-9-13	6-10-16	8-12-19	10-14-23	11-17-26
		3 Way	3-4-6	4-5-9	4-7-11	5-8-12	6-9-15	7-11-17	9-13-21	11-16-25	12-18-2
2 Way		3-4-7	4-6-10	4-7-11	6-9-14	7-11-17	8-11-18	10-15-24	11-18-28	13-20-32	
1 Way		4-5-9	5-7-12	6-9-15	7-11-18	9-13-21	10-15-24	12-18-30	15-22-35	17-26-41	
12 x 12	Total Pressure (in. w.g.)	.019	.032	.051	.074	.099	.128	.200	.290	.390	
	Flow Rate (cfm)	300	400	500	600	700	800	1000	1200	1400	
	Sound (NC)	16	24	30	35	39	43	49	54	58	
	Throw (ft.)	4 Way	3-5-8	4-7-11	6-8-14	7-10-16	8-12-19	9-13-22	11-17-27	13-20-32	15-23-38
		3 Way	4-5-8	5-7-12	6-9-15	7-11-17	8-12-20	9-14-23	12-18-28	14-21-34	16-25-39
2 Way		4-6-10	5-8-13	7-10-16	8-12-19	9-14-23	10-16-26	13-20-32	16-24-38	18-28-45	
1 Way		5-8-12	7-10-16	8-13-20	10-15-25	12-18-29	13-20-32	17-25-40	20-30-49	23-35-57	
14 0	Total Pressure (in. w.g.)	.017	.029	.047	.068	.091	.118	.184	.267	.359	
	Flow Rate (cfm)	300	400	500	600	700	800	1000	1200	1400	
	Sound (NC)	16	22	28	33	37	41	47	52	56	
	Throw (ft.)	4 Way	3-5-8	4-7-11	6-8-14	7-10-16	8-12-19	9-13-22	11-17-27	13-20-32	15-23-28
		3 Way	4-5-8	5-7-12	6-9-15	7-11-17	8-12-20	9-14-23	12-18-28	14-21-34	16-25-39
2 Way		4-6-10	5-8-13	7-10-16	8-12-19	9-14-23	10-16-26	13-20-32	16-24-38	18-28-45	
1 Way		5-8-12	7-10-16	8-13-20	10-15-25	12-18-29	13-20-32	17-25-40	20-30-49	23-35-57	

For performance notes, see end of section.

PERFORMANCE DATA

PDS – 24 in. x 36 in., 48 in. Module

Inlet Size

5 Ø	Total Pressure (in. w.g.)	.026	.044	.068	.098	.133	.171	.271	.385	.525	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	25	30	35	39	43	49	54	58	
	Throw (ft.)	4 Way	2-2-3	2-3-4	3-3-6	3-4-7	3-5-8	3-6-9	4-7-11	5-8-13	7-10-16
		3 Way	2-3-3	2-3-5	3-3-6	3-4-7	3-5-8	4-6-10	5-8-12	6-9-13	7-10-17
2 Way		2-3-4	3-3-6	3-4-7	3-5-8	4-6-10	4-7-11	6-8-13	7-10-16	8-12-19	
1 Way		3-3-5	3-4-7	3-5-8	4-7-10	5-8-12	6-8-13	7-11-17	8-13-20	9-14-24	
6 Ø	Total Pressure (in. w.g.)	.013	.022	.035	.050	.068	.088	.139	.198	.270	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	18	23	28	32	36	42	47	51	
	Throw (ft.)	4 Way	1-1-4	1-3-5	3-4-6	3-5-7	4-5-9	4-6-10	5-7-12	5-9-14	7-11-17
		3 Way	1-3-4	1-4-5	3-4-6	4-5-7	4-5-9	5-6-11	5-8-13	6-10-14	7-11-18
2 Way		1-3-5	3-4-6	3-5-7	4-5-9	5-6-11	5-7-12	6-9-14	7-11-17	8-13-21	
1 Way		3-4-5	3-5-7	4-5-9	5-7-11	5-8-13	6-9-14	7-12-18	9-14-22	10-15-25	
6 x 6	Total Pressure (in. w.g.)	.009	.015	.023	.033	.045	.058	.091	.129	.177	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	-	19	24	28	32	38	43	47	
	Throw (ft.)	4 Way	1-1-3	1-2-4	2-3-5	2-4-6	3-4-7	3-5-8	4-6-9	4-7-11	6-8-13
		3 Way	1-2-3	1-3-4	2-3-5	3-4-6	3-4-7	4-5-8	4-6-10	5-8-11	6-8-14
2 Way		1-2-4	2-3-5	2-3-6	3-4-7	4-5-8	4-6-9	5-7-11	6-10-13	6-10-16	
1 Way		2-3-4	2-4-6	3-4-7	4-6-8	4-6-10	5-7-11	6-9-14	7-11-17	8-12-20	
7 Ø	Total Pressure (in. w.g.)	.009	.015	.023	.033	.044	.057	.089	.127	.174	
	Flow Rate (cfm)	75	100	125	150	175	200	250	300	350	
	Sound (NC)	-	12	17	22	26	30	36	41	45	
	Throw (ft.)	4 Way	1-1-3	1-2-3	2-3-5	2-3-6	3-4-7	3-5-8	3-6-9	4-7-11	6-8-13
		3 Way	1-2-3	1-3-4	2-3-5	3-3-6	3-4-7	3-5-8	4-6-10	5-8-11	6-8-14
2 Way		1-2-3	2-3-5	2-3-6	3-4-7	3-5-8	3-6-9	5-7-11	6-8-13	6-10-16	
1 Way		2-3-4	2-3-6	3-4-7	3-6-8	4-6-10	5-7-11	6-9-14	7-10-17	8-12-19	
8 Ø	Total Pressure (in. w.g.)	.017	.029	.045	.065	.088	.115	.180	.258	.354	
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620	
	Sound (NC)	-	22	28	34	38	41	47	53	57	
	Throw (ft.)	4 Way	2-3-4	3-3-6	3-5-8	3-6-9	4-7-11	5-8-12	6-9-15	8-11-18	9-13-22
		3 Way	2-3-5	3-4-6	3-5-9	4-6-10	5-7-12	5-8-13	7-10-16	8-12-20	9-14-22
2 Way		3-3-5	3-4-8	3-6-9	4-7-11	5-8-13	6-9-15	8-11-18	9-14-22	10-16-26	
1 Way		3-4-7	3-6-9	5-7-12	6-9-14	7-10-16	8-11-18	9-15-23	11-17-2	13-20-32	
8 x 8	Total Pressure (in. w.g.)	.012	.019	.031	.045	.060	.078	.123	.176	.241	
	Flow Rate (cfm)	135	180	220	265	310	355	445	535	620	
	Sound (NC)	-	17	23	29	33	36	42	48	52	
	Throw (ft.)	4 Way	2-2-4	2-3-6	3-5-7	3-6-9	4-7-11	5-7-11	6-9-15	7-11-17	8-12-20
		3 Way	2-2-5	2-4-6	3-5-8	4-6-9	5-7-11	5-7-12	7-10-16	7-11-19	8-13-21
2 Way		2-3-5	3-4-7	3-6-9	4-7-11	5-7-12	6-9-14	7-11-17	9-13-21	10-16-25	
1 Way		2-4-7	3-6-9	5-7-11	6-8-13	7-10-16	7-11-17	9-14-22	11-16-26	12-19-30	

For performance notes, see end of section.

PERFORMANCE DATA

PDS – 24 in. x 36 in., 48 in. Module (continued)

Inlet Size											
10 Ø	Total Pressure (in. w.g.)	.021	.034	.055	.078	.106	.137	.216	.308	.422	
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975	
	Sound (NC)	17	25	31	36	40	44	50	55	60	
	Throw (ft.)	4 Way	3-4-7	4-5-9	5-7-11	6-8-13	6-10-15	7-11-17	9-14-21	11-16-25	13-18-29
		3 Way	3-4-7	4-6-10	5-7-12	6-9-14	7-10-16	8-12-18	10-15-23	12-17-27	14-19-32
2 Way		3-5-8	4-7-11	5-8-13	7-10-16	8-12-18	9-13-20	11-16-26	13-19-31	14-19-3	
1 Way		4-6-10	6-8-14	7-10-16	8-12-19	10-15-23	11-16-26	14-20-33	16-24-39	18-28-46	
10 x 10	Total Pressure (in. w.g.)	.014	.024	.038	.055	.073	.095	.150	.213	.292	
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975	
	Sound (NC)	-	21	27	32	36	40	46	51	56	
	Throw (ft.)	4 Way	3-4-6	4-5-8	5-6-10	5-7-12	5-9-14	6-10-16	8-13-20	10-15-24	12-17-27
		3 Way	3-4-6	4-5-9	5-6-11	5-8-13	6-9-15	7-11-17	9-13-22	11-16-25	13-18-30
2 Way		3-5-7	4-6-9	5-7-12	6-9-15	7-11-17	8-12-19	10-15-25	12-18-29	14-21-34	
1 Way		4-5-9	5-7-13	6-9-15	7-11-18	9-14-22	10-15-25	13-19-31	15-23-36	17-26-43	
12 Ø	Total Pressure (in. w.g.)	.012	.019	.030	.043	.058	.075	.119	.170	.233	
	Flow Rate (cfm)	210	280	345	415	485	555	695	825	975	
	Sound (NC)	-	18	24	29	33	37	43	48	53	
	Throw (ft.)	4 Way	3-4-6	4-4-8	4-6-10	5-7-11	5-9-13	6-10-16	8-12-19	10-14-23	11-17-26
		3 Way	3-4-6	4-5-9	4-6-11	5-8-12	6-9-15	7-11-17	9-13-21	11-16-25	12-18-29
2 Way		3-4-7	4-6-10	4-7-11	6-9-14	7-11-17	8-11-18	10-15-24	11-18-28	13-20-33	
1 Way		4-5-9	5-7-12	6-9-15	7-11-18	9-13-21	10-15-24	12-18-30	15-22-35	17-26-41	
12 x 12	Total Pressure (in. w.g.)	.016	.027	.049	.062	.083	.107	.168	.243	.327	
	Flow Rate (cfm)	300	400	500	600	700	800	1000	1200	1400	
	Sound (NC)	16	24	30	35	39	43	49	54	58	
	Throw (ft.)	4 Way	3-5-8	4-7-11	6-8-14	7-10-16	8-12-19	9-13-22	11-17-27	13-20-32	15-23-38
		3 Way	3-5-8	4-7-11	6-8-14	7-10-16	8-12-19	9-13-22	11-17-27	13-20-32	15-23-38
2 Way		4-6-10	5-8-13	7-10-16	8-12-19	9-14-23	10-16-26	13-20-32	16-24-38	18-28-45	
1 Way		5-8-12	7-10-16	8-13-20	10-15-25	12-18-29	13-20-32	17-25-40	20-30-49	23-35-57	
14 Ø	Total Pressure (in. w.g.)	.014	.024	.038	.055	.073	.095	.150	.213	.292	
	Flow Rate (cfm)	300	400	500	600	700	800	1000	1200	1400	
	Sound (NC)	-	22	28	33	37	41	47	52	56	
	Throw (ft.)	4 Way	3-5-8	4-7-11	6-8-14	7-10-16	8-12-19	9-13-22	11-17-27	13-20-32	15-23-38
		3 Way	4-5-8	5-7-12	6-9-15	7-11-17	8-12-20	9-14-23	12-18-28	14-21-34	16-25-39
2 Way		4-5-8	5-7-12	6-9-15	7-11-17	8-12-20	9-14-23	12-18-28	14-21-34	16-25-39	
1 Way		5-8-12	7-10-16	8-13-20	10-15-25	12-18-29	13-20-32	17-25-40	20-30-49	23-35-57	

Performance Notes:

1. Tested in accordance with ASHRAE Standard 70 – 2006 Method of Testing for Rating the Performance of Air Outlets and Inlets.
2. Airflow is in cubic feet per minute [cfm].
3. NC, sound pressure levels, are based on a room absorption of 10 dB re 10⁻¹² Watts, and a single diffuser/grille.
4. Blanks "-" indicate an NC level below 15.
5. All pressures are in inches of water column [in. w.g.].
6. Pressures not listed can be calculated using the following formula:

$$P_{total} = P_{static} + P_{velocity}$$
7. Throw data is based on supply air and room air being at isothermal conditions.
8. Throw data is given in feet [ft] to terminal velocities of:
 150 fpm (minimum)
 100 fpm (middle)
 50 fpm (maximum)