

**MODELS PD-L, PD-C, PD-T, PD-D, PD-F, PDX-L, PDX-C, PDX-T, PDX-D, PDX-F**  
**ROUND NECK SUPPLY • 24 X 24 MODULE SIZE**

Neck Size Area Sq. Ft.	Neck Velocity, FPM Pv, Inches WG	300	400	500	600	700	800	900	1000	1200
6" DIA .196	CFM	60	80	100	120	135	155	175	195	235
	Ps	0.01	0.01	0.016	0.024	0.030	0.039	0.050	0.063	0.091
	NC	<20	<20	<20	21	25	29	32	35	41
	Throw, 4-way	0-1-2	1-2-2	1-2-3	2-2-3	2-3-4	2-3-4	2-4-5	3-4-5	3-5-7
	Throw, 3 or 2-way	1-1-2	1-2-3	2-3-4	2-4-5	3-4-5	3-5-6	3-5-7	4-6-8	5-7-9
	Throw, 1-way	1-2-3	1-3-4	2-4-6	3-5-7	4-6-7	4-6-9	5-7-10	5-8-11	7-10-13
8" DIA .348	CFM	105	140	175	210	245	280	315	350	420
	Ps	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.10	0.15
	NC	<20	<20	20	26	30	34	37	40	46
	Throw, 4-way	1-2-3	1-3-5	2-5-6	3-6-8	4-7-8	5-8-9	6-8-9	6-9-10	8-9-11
	Throw, 3 or 2-way	1-2-4	2-4-7	3-7-9	4-8-11	6-10-12	7-11-13	8-12-13	9-12-14	11-13-15
	Throw, 1-way	2-4-6	3-6-10	4-10-13	6-12-15	9-14-17	10-15-18	12-16-19	13-17-20	15-19-22
10" DIA .545	CFM	165	220	275	325	380	435	490	545	655
	Ps	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.11
	NC	<20	<20	22	27	31	35	38	41	47
	Throw, 4-way	2-4-5	3-5-7	4-6-8	5-7-9	6-8-9	6-9-10	7-9-11	8-10-11	9-11-12
	Throw, 3 or 2-way	3-5-7	5-7-9	6-9-11	7-10-12	8-11-13	9-12-14	10-13-15	11-14-16	12-15-17
	Throw, 1-way	4-7-10	7-10-13	8-12-16	10-14-17	11-16-19	13-17-20	15-18-21	16-19-22	17-21-25
12" DIA .785	CFM	235	315	395	470	550	630	705	785	940
	Ps	0.01	0.02	0.04	0.05	0.07	0.10	0.12	0.15	0.22
	NC	<20	22	29	34	38	42	46	49	54
	Throw, 4-way	2-3-5	3-5-6	4-6-8	5-7-9	5-8-11	6-9-12	7-10-14	8-12-15	9-14-18
	Throw, 3 or 2-way	3-5-7	4-7-9	5-8-11	7-10-13	8-11-15	9-13-17	10-15-20	11-16-22	13-20-25
	Throw, 1-way	5-7-9	6-9-12	8-12-15	9-14-18	11-16-22	12-18-25	14-21-28	15-23-31	18-28-35
14" DIA 1.070	CFM	320	430	535	640	750	855	960	1070	1285
	Ps	0.02	0.03	0.04	0.06	0.08	0.11	0.14	0.17	0.24
	NC	<20	<20	25	30	35	39	42	45	50
	Throw, 4-way	5-7-9	6-9-13	8-12-16	9-14-17	11-16-19	13-17-20	14-18-21	16-19-22	17-21-24
	Throw, 3 or 2-way	7-10-13	9-13-18	11-17-22	13-20-24	16-23-26	18-24-28	20-26-30	22-27-32	24-30-35
	Throw, 1-way	9-14-19	13-19-25	16-24-31	19-28-34	22-32-37	25-35-40	28-37-42	31-39-45	35-42-49
16" DIA 1.396	CFM	420	560	700	840	975	1115	1255	1395	1675
	Ps	0.02	0.03	0.04	0.06	0.08	0.11	0.14	0.17	0.24
	NC	<20	23	30	35	39	43	47	50	55
	Throw, 4-way	4-5-7	5-7-10	6-9-12	7-11-14	8-13-17	10-14-19	11-16-22	12-18-24	14-22-29
	Throw, 3 or 2-way	5-8-10	7-10-14	8-13-17	10-15-20	12-18-24	14-20-27	15-23-30	17-25-34	20-30-41
	Throw 1-way	7-11-14	10-14-19	12-18-24	14-22-29	17-25-33	19-29-38	22-32-43	24-36-48	29-43-57
18" DIA 1.767	CFM	530	705	885	1060	1235	1415	1590	1765	2120
	Ps	0.02	0.04	0.06	0.08	0.11	0.15	0.18	0.23	0.33
	NC	<20	25	31	36	41	45	48	51	56
	Throw, 4-way	5-8-10	7-10-13	8-13-17	10-15-19	12-18-20	13-19-22	15-20-23	17-21-24	19-23-27
	Throw, 3 or 2-way	7-11-14	10-14-19	12-18-24	14-21-27	17-25-29	19-27-31	21-28-33	24-30-34	27-33-38
	Throw, 1-way	10-15-20	13-20-27	17-25-34	20-30-38	24-35-41	27-38-43	30-40-46	34-42-49	38-46-53

PV — Velocity Pressure, Inches Water  
 Ps — Static Pressure, Inches Water  
 Nv — Neck Velocity, Feet Per Minute  
 CFM — Volumetric air flow rate, cubic feet per minute.  
 NC — Noise Criteria based on sound pressure levels with 10 dB room absorption re: 10<sup>-12</sup> watts.  
 Throw — Distance in feet, based on isothermal air, that the air travels from the outlet to a point at which the air stream has decreased to terminal velocities of 150, 100 and 75 fpm, respectively.  
 Tests performed in accordance with ASHRAE Std 70-91.

**PDX 14"ø max.**

**MODELS PD-L, PD-C, PD-T, PD-D, PD-F, PDX-L, PDX-C, PDX-T, PDX-D, PDX-F**  
**SQUARE NECK SUPPLY • 24 X 24 MODULE SIZE**

Neck Size Area Sq. Ft.	Neck Velocity, FPM	300	400	500	600	700	800	900	1000	1200
	Pv, Inches WG	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.09
6" x 6" .250	CFM	75	100	125	150	175	200	225	250	300
	Ps	0.01	0.02	0.02	0.03	0.05	0.06	0.08	0.10	0.14
	NC	<20	<20	<20	<20	23	27	30	33	39
	Throw, 4-way	0-1-2	1-2-3	1-3-5	2-4-5	3-5-6	3-5-7	4-6-8	5-7-9	5-8-11
	Throw, 3 or 2-way	1-1-3	1-3-5	2-4-6	3-6-8	4-7-9	5-8-10	6-9-11	6-10-13	8-11-15
	Throw, 1-way	1-2-4	2-4-7	3-6-9	4-8-11	5-9-13	7-11-14	8-12-16	9-14-18	11-16-22
8" x 8" .444	CFM	135	180	220	265	310	355	400	445	535
	Ps	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.08
	NC	<20	<20	<20	21	25	29	33	36	41
	Throw, 4-way	2-3-5	3-5-6	4-6-7	4-7-8	5-7-8	6-8-9	7-8-10	7-9-10	8-10-11
	Throw, 3 or 2-way	3-5-6	4-6-9	5-8-10	6-10-11	7-10-12	8-11-13	10-12-14	10-12-14	11-14-16
	Throw, 1-way	4-9-9	6-16-12	7-10-14	9-13-16	10-15-17	12-16-18	14-17-19	14-18-20	16-19-22
10" x 10" .833	CFM	210	280	345	415	485	555	625	695	835
	Ps	0.01	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.17
	NC	<20	<20	25	30	35	39	42	45	51
	Throw, 4-way	2-3-4	3-4-6	4-5-7	4-6-9	5-8-10	6-9-12	7-10-13	7-11-14	9-13-17
	Throw, 3 or 2-way	3-5-6	4-6-8	5-8-10	6-9-12	7-11-14	8-12-16	9-14-18	10-15-20	12-18-24
	Throw, 1-way	4-7-9	6-9-12	7-11-14	9-13-17	10-15-20	12-17-23	13-20-26	14-22-29	17-26-33
12" x 12" 1.000	CFM	300	400	500	600	700	800	900	1000	1200
	Ps	0.01	0.02	0.04	0.05	0.07	0.09	0.12	0.15	0.21
	NC	<20	<20	23	28	33	37	40	43	48
	Throw, 4-way	5-7-9	6-9-13	8-12-15	9-14-17	11-16-18	13-17-19	14-18-20	15-19-22	17-20-24
	Throw, 3 or 2-way	7-10-13	9-13-18	11-17-22	13-20-24	16-22-25	18-24-27	20-25-29	22-26-30	24-29-33
	Throw, 1-way	9-14-19	13-19-25	16-24-30	19-28-33	22-31-36	25-33-39	28-35-41	30-37-43	33-41-47
14" x 14" 1.361	CFM	410	545	680	815	955	1090	1225	1360	1635
	Ps	0.01	0.03	0.04	0.06	0.08	0.10	0.13	0.16	0.23
	NC	<20	23	29	34	39	43	46	49	54
	Throw, 4-way	4-6-7	5-7-10	6-9-12	7-11-15	9-13-17	10-15-20	11-16-22	12-18-24	15-22-29
	Throw, 3 or 2-way	5-8-10	7-10-14	9-13-17	10-16-21	12-18-24	14-21-28	16-23-31	17-26-34	21-31-41
	Throw, 1-way	7-11-15	10-15-20	12-18-24	15-22-29	17-26-34	20-29-39	22-33-44	24-37-49	29-44-59
16" x 16" 1.777	CFM	535	710	890	1065	1245	1420	1600	1780	2135
	Ps	0.02	0.04	0.06	0.08	0.11	0.15	0.19	0.23	0.33
	NC	<20	25	31	36	41	45	48	51	56
	Throw, 4-way	5-8-10	7-10-14	9-13-17	10-16-19	12-18-20	14-19-22	16-20-23	17-21-24	19-23-27
	Throw, 3 or 2-way	7-11-15	10-15-20	12-19-24	15-22-27	17-25-29	20-27-31	22-28-33	24-30-34	27-33-38
	Throw 1-way	10-16-21	14-21-28	17-26-34	21-31-38	24-35-41	28-38-44	31-40-46	34-42-49	38-46-53
18" x 18" 2.250	CFM	675	900	1125	1350	1575	1800	2025	2250	2700
	Ps	0.02	0.04	0.06	0.09	0.12	0.15	0.19	0.24	0.34
	NC	<20	26	32	38	42	46	49	52	58
	Throw, 4-way	6-9-12	8-12-16	10-15-19	12-18-21	14-20-23	16-21-24	18-23-26	19-24-27	21-26-30
	Throw, 3 or 2-way	8-12-17	11-17-22	14-21-27	17-25-30	19-28-32	22-30-35	25-32-37	27-34-39	30-37-42
	Throw, 1-way	12-18-24	16-24-31	20-29-39	24-35-42	27-40-46	31-42-49	35-45-52	39-47-55	42-52-60

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  - Ps — Static Pressure, Inches Water
  - Nv — Neck Velocity, Feet Per Minute
  - CFM — Volumetric air flow rate, cubic feet per minute.
  - NC — Noise Criteria based on sound pressure levels with 10 dB room absorption re: 10<sup>-12</sup> watts.
  - Throw — Distance in feet, based on isothermal air, that the air travels from the outlet to a point at which the air stream has decreased to terminal velocities of 150, 100 and 75 fpm, respectively.
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**PDX 12"x12" max.**