



PAR,PDR Diffuser (610mm x 610mm module)

Neck Size	Neck Vel, m/s	1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1
	Vp, kPa	0.003	0.003	0.004	0.006	0.008	0.010	0.016	0.023	0.031
	neg Ps, kPa	0.009	0.015	0.024	0.034	0.046	0.060	0.094	0.135	0.183
150mm Dia.	Flow Rate, L/s	28	37	46	56	65	74	93	111	130
	Room NC	-	-	-	13	17	20	26	31	34
150mm x 150mm	Flow Rate, L/s	35	47	59	71	83	94	118	142	165
	Room NC	-	-	-	14	18	21	27	32	35
200mm Dia.	Flow Rate, L/s	49	66	82	99	115	132	165	197	230
	Room NC	-	-	13	17	21	24	30	35	38
200mm x 200mm	Flow Rate, L/s	63	84	105	126	147	168	210	252	294
	Room NC	-	-	14	18	22	25	31	36	39
255mm Dia.	Flow Rate, L/s	77	103	129	154	180	206	257	308	360
	Room NC	-	-	16	20	24	27	33	38	41
255mm x 255mm	Flow Rate, L/s	98	131	164	197	229	262	328	393	459
	Room NC	-	11	17	21	25	28	34	39	42
305 mm Dia	Flow Rate, L/s	111	148	185	222	259	296	370	444	518
	Room NC	-	12	17	22	26	29	34	39	43
305mm x 305mm	Flow Rate, L/s	142	189	236	283	330	377	472	566	660
	Room NC	-	14	20	24	28	31	37	42	45
355mm Dia.	Flow Rate, L/s	151	202	252	302	353	403	504	605	705
	Room NC	-	15	21	25	29	32	38	43	46
355mm x 355 mm	Flow Rate, L/s	221	295	369	442	516	590	737	884	1032
	Room NC	-	16	22	26	30	33	39	44	47
405mm Dia	Flow Rate, L/s	197	263	329	395	461	526	658	790	921
	Room NC	11	18	24	28	32	35	41	46	49
405mm x 405mm	Flow Rate, L/s	318	425	531	637	743	849	1061	1274	1486
	Room NC	11	18	24	28	32	36	41	46	49
560mm Dia	Flow Rate, L/s	476	634	793	951	1110	1268	1585	1903	2220
	Room NC	13	20	26	30	34	37	43	47	51

Notes: Static Pressures are negative, in inches of water, measured Per ASHRAE 70-91
 NC based on a room absorption of 10 dB, re 10⁻¹² Watts, measured per ASHRAE 70-91.
 * Supply unit with deflectors removed



Note: This submittal is meant to demonstrate general dimensions of this product. The drawings on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.
605 Shiloh Road • Plano, Texas 75074 • 972-212-4800



PAR,PDR Diffuser (305mm x 350mm module)

Neck Size	Neck Vel, m/s	1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1
	Vp, kPa	0.003	0.003	0.004	0.006	0.008	0.010	0.016	0.023	0.031
	neg Ps, kPa	0.009	0.015	0.024	0.034	0.046	0.060	0.094	0.135	0.183
150mm Dia.	Flow Rate, L/s	28	37	46	56	65	74	93	111	130
	Room NC	-	-	-	14	18	21	27	32	36
150mm x 150mm	Flow Rate, L/s	35	47	59	71	83	94	118	142	165
	Room NC	-	-	12	17	21	24	30	35	39
255mm x 255mm	Flow Rate, L/s	98	131	164	197	229	262	328	393	459
	Room NC	15	23	29	33	37	41	47	51	55

Notes: Static Pressures are negative, in inches of water, measured Per ASHRAE 70-91
 NC based on a room absorption of 10 dB, re 10⁻¹² Watts, measured per ASHRAE 70-91.
 * Supply unit with deflectors removed

PAR,PDR Diffuser (Other Sizes)

Neck Size	Neck Vel, m/s	1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1
	Vp, kPa	0.003	0.003	0.004	0.006	0.008	0.010	0.016	0.023	0.031
	neg Ps, kPa	0.009	0.015	0.024	0.034	0.046	0.060	0.094	0.135	0.183
255mm x 560mm 305mm x 610mm face	Flow Rate, L/s	216	288	360	432	504	577	721	865	1009
	Room NC	-	-	-	14	18	21	27	32	36
355mm x 355mm 405mm x 405mm face	Flow Rate, L/s	193	257	321	385	449	514	642	770	899
	Room NC	-	-	12	17	21	24	30	35	39
455mm x 455mm 510mm x 510mm face	Flow Rate, L/s	318	425	531	637	743	849	1061	1274	1486
	Room NC	-	11	17	22	26	29	35	40	44
560mm x 1170mm 610mm x 1220mm face	Flow Rate, L/s	994	1326	1657	1989	2320	2652	3315	3978	4641
	Room NC	12	20	25	30	34	38	43	48	52

Notes: Static Pressures are negative, in inches of water, measured Per ASHRAE 70-91
 NC based on a room absorption of 10 dB, re 10⁻¹² Watts, measured per ASHRAE 70-91.
 * Supply unit with deflectors removed



Note: This submittal is meant to demonstrate general dimensions of this product. The drawings on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.

605 Shiloh Road • Plano, Texas 75074 • 972-212-4800