

Models PS1, PS2, PS10, PS20, PS1NRF, PS2NRF Flush Face • 12 x 12 (300 x 300) Module Size

Nominal	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400
leck Size	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123
	TP	.011	.019	.030	.044	.059	.076	120	.171	.234
Jan I	Flow Rate, CFM	40	55	70	80	95	110	135	165	190
5" Dia.	4-Way T 3-Way T 2-Way 1-Way	1-2-4 1-2-4 1-2-5 2-3-6	2-2-5 2-3-6 2-3-6 2-4-8	2-3-6 2-3-7 2-4-8 3-5-9	2-4-7 2-4-8 3-5-10 4-6-10	3-5-7 3-5-9 4-6-10 5-7-11	3-6-8 4-6-10 4-7-12 6-8-13	5-6-9 5-7-10 6-8-13 6-9-13	6-7-10 6-8-12 7-10-14 8-10-14	6-7-10 6-9-13 7-10-15 9-10-15
	NC TP		000	15	20	24 .078	28	34	39	43
	Flow Rate, CFM	.015 60	025	.040 100	.058 120	140	160	.158 195	.225 235	.308 275
6" Dia.	4-Way 3-Way T 2-Way 1-Way	1-2-4 1-2-4 1-2-5 2-3-6	2-3-5 2-3-6 2-3-7 3-4-9	3-3-7 3-3-8 3-4-9 3-5-11	3-4-8 3-4-9 3-5-10 4-6-11	3-5-8 3-5-10 4-6-11 5-8-12	3-6-9 4-6-10 4-7-12 6-9-13	5-7-10 5-8-11 6-9-14 7-10-15	6-8-10 6-9-13 7-10-15 9-10-16	7-8-11 7-10-14 8-11-17 10-12-17
	NC			17	22	26	30	36	41	45
7" Dia.	TP Flow Rate, CFM 4-Way 3-Way 2-Way 1-Way	.016 80 1-2-5 1-2-5 1-2-6 2-4-8	.028 105 2-3-6 2-4-7 2-4-9 3-5-11	.040 135 3-4-9 3-4-10 3-5-11 4-6-12	.066 160 3-5-10 3-5-11 4-6-12 5-8-13	.092 190 4-6-10 4-6-12 5-8-14 6-10-14	.118 215 4-8-11 5-8-13 5-9-15 8-11-15	187 270 6-9-12 6-10-14 7-11-17 9-12-17	.262 320 8-10-13 7-11-16 9-13-18 11-13-18 45	360 375 9-10-14 9-12-17 10-14-20 12-14-20 49
-	TP	019	.034	.053	077	104	.136	.213	.306	49
8" Dia.	Flow Rate, CFM 4-Way 3-Way 2-Way 1-Way	105 1-3-6 1-3-6 1-3-7 3-4-9	2-4-8 2-4-8 2-5-10 4-6-12	175 4-4-10 4-5-11 4-6-12 5-7-13	210 4-6-11 4-6-13 4-7-14 6-9-14 28	245 4-7-12 5-7-13 5-8-15 7-10-15	280 5-8-12 5-9-14 6-10-17 8-12-17	350 6-10-13 7-11-16 8-12-19 10-13-19 42	420 8-11-14 9-13-18 10-14-21 13-14-21 47	9-12-16 10-13-19 12-16-22 13-16-22
	TP	.018	.032	.051	.073	.099	.130	.200	292	.395
6 x 6	Flow Rate, CFM 4-Way T 3-Way 2-Way 1-Way	75 1-2-5 1-2-5 1-2-6 2-4-7	2-3-6 2-4-7 2-4-8 3-5-10	3-4-8 3-4-9 3-5-10 4-6-11	3-5-9 3-5-10 4-6-12 5-7-12	175 4-6-9 4-6-11 5-7-13 6-9-13	200 4-7-10 5-7-12 5-8-14 7-10-14	250 6-8-11 6-9-13 7-10-16 8-11-16	300 7-9-12 7-10-15 8-12-17 10-12-17	350 8-9-13 8-11-16 9-13-19 11-13-19
	NC		13	19	24	28	32	38	43	47

Flush Face • 24 x 12 (600 x 300) Module Size

Nominal	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400
eck Size	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123
	TP	010	.018	.028	.040	.054	.070	110	157	.215
	Flow Rate, CFM	40	55	70	80	95	110	135	165	190
5" Dia.	4-Way 3-Way 2-Way 1-Way	1-2-4 1-2-4 1-2-5 2-3-6	2-2-5 2-3-6 2-3-6 2-4-8	2-3-6 2-3-7 2-4-8 3-5-9	2-4-7 2-4-8 3-5-10 4-6-10	3-5-7 3-5-9 4-6-10 5-7-11	3-6-8 4-6-10 4-7-12 6-8-13	5-6-9 5-7-10 6-8-13 6-9-13	6-7-10 6-8-12 7-10-14 8-10-14	6-7-10 6-9-13 7-10-15 9-10-15
	NC	TALL THE RESERVE TO SERVE THE RESERVE THE RESERVE TO SERVE THE RESERVE THE	1000	14	19	23	27	33		42
colon .	TP	.013	.021	.034	.048	.065	.084	.132	.189	.258
OII.	Flow Rate, CFM 4-Way	1-7-4	80 2-3-5	100	120 3-4-8	140 3-5-8	160 3-6-9	195 5-7-10	235 6-8-10	275 7-8-11
6" Dia.	T 3-Way 2-Way 1-Way	1-2-4 1-2-4 1-2-5 2-3-6	2-3-5 2-3-6 2-3-7 3-4-9	3-3-7 3-3-8 3-4-9 3-5-11	3-4-8 3-4-9 3-5-10 4-6-11	3-5-8 3-5-10 4-6-11 5-8-12	3-6-9 4-6-10 4-7-12 6-9-13	5-7-10 5-8-11 6-9-14 7-10-15	6-9-13 7-10-15 9-10-16	7-8-11 7-10-14 8-11-17 10-12-17
All lades	NC			17	22	26	30	36	165 6-7-10 6-8-12 7-10-14 8-10-14 8-10-14 38 189 235 6-8-10 6-9-13 7-10-15 9-10-16 41 221 320 8-10-13 7-11-16 9-13-18 11-13-18 420 8-11-14 231 420 8-11-14 231 420 8-11-14 231 420 8-11-14 231 420 8-11-15 8-12-17 10-12-17 43 613	45
	TP	.015	.025	.039	.057	.076	098	155	.221	.302
7" Dia.	Flow Rate, CFM 4-Way T 3-Way 2-Way 1-Way	1-2-5 1-2-5 1-2-6 2-4-8	2-3-6 2-4-7 2-4-9 3-5-11	135 3-4-9 3-4-10 3-5-11 4-6-12	3-5-10 3-5-11 4-6-12 5-8-13	190 4-6-10 4-6-12 5-8-14 6-10-14	215 4-8-11 5-8-13 5-9-15 8-11-15	270 6-9-12 6-10-14 7-11-17 9-12-17	8-10-13 7-11-16 9-13-18 11-13-18	9-10-14 9-12-17 10-14-20 12-14-20
_	NC TP	014	14 .026	20 .040	25	29 079	33	39 .160		48 314
	Flow Rate, CFM	105	140	175	.058 210	245	103 280	350	420	490
8" Dia.	T 3-Way 2-Way 1-Way	1-3-6 1-3-6 1-3-7 3-4-9	140 2-4-8 2-4-8 2-5-10 4-6-12	4-4-10 4-5-11 4-6-12 5-7-13	4-6-11 4-6-13 4-7-14 6-9-14	4-7-12 5-7-13 5-8-15 7-10-15	5-8-12 5-9-14 6-10-17 8-12-17	6-10-13 7-11-16 8-12-19 10-13-19	8-11-14 9-13-18 10-14-21	9-12-16 10-13-19 12-16-22 13-16-22
	NC		16	22	27	31	35	41	.189 235 6-8-10 6-9-13 7-10-15 9-10-16 41 221 320 8-10-13 7-11-16 9-13-18 11-13-18 44 231 420 8-11-14 9-13-18 10-14-21 13-14-21 46 274 300 7-8-12 7-10-15 8-12-17	50
	TP	.017	.030	.048	.069	_094	.122	189		374
	Flow Rate, CFM	75	100	125	150	175	200	250	300	350
6 x 6	4-Way 3-Way 7 2-Way 1-Way	1-2-5 1-2-5 1-2-6 2-4-7	2-3-6 2-4-7 2-4-8 3-5-10	3-4-8 3-4-9 3-5-10 4-6-11	3-5-9 3-5-10 4-6-12 5-7-12	4-6-9 4-6-11 5-7-13 6-9-13	4-7-10 5-7-12 5-8-14 7-10-14	6-8-11 6-9-13 7-10-16 8-11-16	7-10-15 8-12-17 10-12-17	8-9-13 8-11-16 9-13-19 11-13-19
	NC		13	19	24	28	32	38		47
	IP	.041	.068	.109	157	211	273	430	.613	840
	Flow Rate, CFM 4-Way	225 5-7-15	300 6-10-17	375 W-12-10	450 10-15-21	525 11-16-22	600 13-17-24	750 16-19-27		1050
18 x 6	T 3- Way 2- Way 1- Way	5-7-15 5-7-15 5-8-15 8-12-21	7-10-17 7-11-17 10-15-24	8-12-19 8-13-19 9-13-19 13-19-27	10-15-21 10-15-21 11-15-21 15-21-30	12-16-22 13-16-22 18-23-32	13-17-24 13-17-24 14-17-24 20-24-34	16-19-27 16-19-27 16-19-27 22-28-39	.090 .157 .165 .6-7-10 .6-8-12 .7-10-14 .38 .189 .235 .6-8-10 .6-9-13 .7-10-16 .41 .221 .320 .8-10-13 .7-11-16 .9-13-18 .1-13-18 .1-13-18 .1-14 .9-13-18 .10-14-21 .40 .274 .300 .7-8-12 .7-10-15 .8-12-17 .10-12-17	19-23-32 19-23-32 19-23-32 27-32-46
	NC	17	25	31	36	40	44	50		59



Models PS1, PS2, PS10, PS20, PS1NRF, PS2NRF

Flush Face • 16 x 16 (400 x 400) Module Size

Nominal	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400
eck Size	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123
	TP	.010		.028	.040	.054	.070	.110	.090 .157 .165 .6-7-10 .6-8-12 7-10-14 .8-10-14 .38 .189 .235 .6-8-10 .6-9-13 .7-10-15 .9-10-16 .41 .221 .320 .8-10-13 .7-11-16 .9-13-18 .11-13-18 .14-21 .46 .348 .655 .10-13-18 .11-15-22 .12-18-25 .15-18-25 .49 .221 .300 .8-10-13 .7-11-16 .9-13-18 .11-15-22 .12-18-25 .10-13-18 .11-15-22 .12-18-25 .10-13-18 .11-15-22 .12-18-25 .10-13-18 .11-13-18	.215
	Flow Rate, CFM	40	55	70	80	95	110	135	165	190
-	4-Way	1-2-4	2-2-5	2-3-6	2-4-7	3-5-7	3-6-8	5-6-9	6-7-10	6-7-10
5"	_ 3-Way	1-2-4	2-3-6	2-3-7	2-4-8	3-5-9	4-6-10	5-7-10	6-8-12	6-9-13
Dia.	T 2-Way	1-2-5	2-3-6	2-4-8	3-5-10	4-6-10	4-7-12	6-8-13	7-10-14	7-10-15
D.G.	1-Way	2-3-6	2-4-8	3-5-9	4-6-10	5-7-11	6-8-13	6-9-13	.090 .157 165 6-7-10 6-8-12 7-10-14 8-10-14 38 .189 235 6-8-10 6-9-13 7-10-15 9-10-16 41 .221 320 8-10-13 7-11-16 9-13-18 11-13-18 11-13-18 10-14-21 13-14-21 46 .348 655 10-13-18 11-15-22 12-18-25 15-18-25 15-18-25 15-18-25 49 .221 300 8-10-13 7-11-16 9-13-18 11-15-22 12-18-25 15-18-25	9-10-15
	NC		-	14	19	23	27	33		42
	TP	.013	.021	.034	.048	.065	,084	.132		.258
	Flow Rate, CFM		80	100	120	140	160	200		275
OII			2-3-5	3-3-7	3-4-8	3-5-8	3-6-9	5-7-10	6-8-10	7-8-11
6"	_ 3-Way		2-3-6	3-3-8	3-4-9	3-5-10	4-6-10	5-8-11	6-9-13	7-10-14
Dia.	T 2-Way	Note Note			3-5-10	4-6-11	4-7-12	6-9-14		8-11-17
		2-3-6	3-4-9	3-5-11	4-6-11	5-8-12	6-9-13	7-10-15	5 165 -9 6-7-10 -10 6-8-12 -13 7-10-14 -13 8-10-14 3 38 -10 6-8-10 -11 6-9-13 -14 7-10-15 -15 9-10-16 -14 7-11-16 -17 9-13-18 -17 11-13-18 -17 11-13-18 -18 9-13-18 -19 10-14-21 3-19 13-14-21 46 13-14-21 4-20 11-15-22 4-23 12-18-25 4-23 12-18-25 4 49 -55 .221 0 300 -17 10-13-18 -19 10-14-21 3-19 13-14-21 4-20 11-15-22 4-23 12-18-25 4-23 12-18-25 4 49 55 .221 <td>10-12-17</td>	10-12-17
	NC			17	22	26	30	36		45
	TP	.015	_025		.057	.076	.098	. 155	.221	.302
	Flow Rate, CFM		105	135	160	190	215	270		375
		1-2-5			3-5-10	4-6-10	4-8-11	6-9-12		9-10-14
7"				3-4-10	3-5-11	4-6-12	5-8-13	6-10-14	7-11-16	9-12-17
Dia.	T 2-Way	1-2-6	2-4-9	3-5-11	4-6-12	5-8-14	5-9-15	7-11-17	9-13-18	10-14-20
	1-Way	2-4-8	3-5-11	4-6-12	5-8-13	6-10-14	8-11-15	9-12-17	11-13-18	12-14-20
	NC		14	20	25	29	33	39	44	48
	TP	_017	.028	.045	.065	.088	.113	.179		.350
8 ¹¹	Flow Rate, CFM	105	140	175	210	245	280	350	420	490
	4-Way		2-4-8	4-4-10	4-6-11	4-7-12	5-8-12	6-10-13	8-11-14	9-12-16
	_ 3-Way	1-3-6	2-4-8	4-5-11	4-6-13	5-7-13	5-9-14	7-11-16	9-13-18	10-13-19
Dia.	T 2-Way	1-3-7	2-5-10	4-6-12	4-7-14	5-8-15	6-10-17	8-12-19	10-14-21	12-16-22
757	1-Way	3-4-9	4-6-12	5-7-13	6-9-14	7-10-15	8-12-17	10-13-19	13-14-21	13-16-22
	NC		16	22	27	31	35	41	46	50
	TP		039	.062	:089	.120	.154	.243	.348	.475
	Flow Rate, CFM	165	220	270	325	380	435	545	655	760
400		1-3-8	2-6-10	4-6-12	4-8-13	6-9-14	7-10-14	8-12-17	10-13-18	11-14-20
10"		1-3-8	2-6-10	4-7-13	6-8-15	7-9-17	7-11-18	9-13-20	11-15-22	12-17-23
Dia.			2-7-12	4-8-14	6-9-18	7-10-19	8-12-21	10-14-23		14-20-28
	1-Way	3-6-11	4-8-14		8-11-18	9-12-19	10-14-21	12-17-23	.090 .157 .165 .6-7-10 .6-8-12 .7-10-14 .8-10-14 .8-10-14 .8-189 .235 .6-8-10 .6-9-13 .7-10-15 .9-10-16 .41 .221 .320 .8-10-13 .7-11-16 .9-13-18 .11-13-18 .44 .255 .420 .8 .8-11-14 .9 .13-18-13-18 .9 .10-14-21 .9 .13-14-21 .46 .348 .655 .7 .10-13-18 .10-14-21 .9 .13-14-21 .9 .13-14-21 .9 .13-18 .10-13-18 .11-15-22 .3 .15-18-25 .3 .15-18-25 .49 .221 .300 .8-10-13 .4 .7-11-16 .9-13-18 .4 .304 .535 .535 .5304 .535 .5304 .535 .5304 .535 .5304 .535 .5304 .535 .5304 .535 .5304 .535 .5304 .535 .5304 .535 .5304 .535	15-20-28
- 4	NC	11	19	25	30	34	38	44		53
	TP		.025	.039	.057	.076	.098	. 155	.221	.302
	Flow Rate, CFM				150	175	200	250	300	350
	4-Way				3-5-10	4-6-10	4-8-11	6-9-12	8-10-13	9-10-14
		1-2-5	2-4-7	3-4-10	3-5-11	4-6-12	5-8-13	6-10-14	7-11-16	9-12-17
6 x 6		1-2-6	2-4-9	3-5-11	4-6-12	5-8-14	5-9-15	7-11-17		10-14-20
	1-Way	2-4-8		4-6-12	5-8-13	6-10-14	8-11-15	9-12-17		12-14-20
	NC		14	20	25	29	33	39		48
	TP	.020	.034	.054	.078	105	.135	.213	.304	.415
	Flow Rate, CFM	135	180	220	265	310	355	445	535	625
			2-5-9	4-5-11	4-7-12	5-8-13	6-9-13	7-11-15	9-12-16	10-13-18
	_ 3-Way	1-3-7	.010 .016 .018 .028 .55 .70 2-2-5 2-3-6 2 2-3-6 2-3-7 2 2-3-6 2-4-8 3-5-9	5-7-14	6-8-15	6-10-16	8-12-18	10-14-20	11-15-21	
8 x 8	T 2-Way	1-3-8			5-8-16	6-9-17	7-11-19	9-13-21	11-16-23	13-18-25
	1-Way	3-5-10			7-10-16	8-11-17	9-13-19	11-15-21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14-18-25
	NC		4-7-10	0-0-10	1-10-10		0-10-10			



Models PS1, PS2, PS10, PS20, PS1NRF, PS2NRF

Flush Face • 20 x 20 (500 x 500) Module Size

Nominal	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400
leck Size	VP	.006	.010	.016	.023	.031	.040	.063		.123
	TP	.010	.018	.028	.040	.054	.,070	110		215
	Flow Rate, CFM	40	55	70	80	95	110	135		190
5°	4-Way	1-2-4	2-2-5	2-3-6	2-4-7	3-5-7	3-6-8	5-6-9		6-7-10
	T 3-Way	1-2-4	2-3-6	2-3-7	2-4-8	3-5-9	4-6-10	5-7-10	1200 .090 .157 .165 .6-7-10 .6-8-12 .7-10-14 .8-10-14 .8-10-14 .8-10-14 .8-10-15 .9-10-15 .9-10-16 .9-13 .7-10-16 .9-13 .7-10-16 .9-13-18 .11-13-18 .11-13-18 .10-14-21 .13-14-21 .46 .279 .655 .10-13-18 .11-15-22 .12-18-25 .15-18-25 .15-18-27 .15-21-31 .15-20 .21-17-22 .21-18-25 .57 .207 .300 .301 .318 .318 .335 .311-15-20 .21-17-22 .21-18-25 .318 .338 .311-15-20 .21-17-22 .21-18-25 .318 .338 .311-15-20 .21-17-22 .21-20-29 .21-20-29 .21-20-29 .21-20-29 .21-20-29 .21-20-29 .21-20-29 .21-20-29 .21-20-29	6-9-13
Dia.	2-Way 1-Way	1-2-5 2-3-6	2-3-6 2-4-8	2-4-8 3-5-9	3-5-10 4-6-10	4-6-10 5-7-11	4-7-12 6-8-13	6-8-13 6-9-13		7-10-15 9-10-15
	NC 1-way	2-0-0	2-4-0	14	19	23	27	33		42
_	I TP	.013	.021	.034	.048	.065	.084	.132		258
	Flow Rate, CFM	60	80	100	120	140	160	200	235	275
6"	4-Way	1-2-4	2-3-5	3-3-7	3-4-8	3-5-8	3-6-9	5-7-10	6-8-10	7-8-11
p.,	_ 3-Way	1-2-4	2-3-6	3-3-8	3-4-9	3-5-10	4-6-10	5-8-11		7-10-14
Dia.	2-Way	1-2-5	2-3-7	3-4-9	3-5-10	4-6-11	4-7-12	6-9-14		8-11-17
	1-Way	2-3-6	3-4-9	3-5-11	4-6-11	5-8-12	6-9-13	7-10-15	165 6-7-10 6-8-12 7-10-14 38 .189 235 6-8-10 6-9-13 7-10-15 9-10-16 41 .207 320 8-10-13 7-11-16 9-13-18 11-13-18 43 .216 420 8-11-14 9-13-18 10-14-21 13-14-21 46 .279 655 10-13-18 11-15-22 12-18-25 15-	10-12-17
	NC		_	17	22	26	30	36		45
	TP OF M	.014	023	.037	.053	071	.092	145	.207	283
	Flow Rate, CFM 4-Way	80 1-2-5	105 2-3-6	135 3-4-9	160 3-5-10	190 4-6-10	215 4-8-11	270 6-9-12		375
7"	- 3-Way	1-2-5	2-3-0	3-4-10	3-5-10	4-6-10	5-8-13	6-10-14		9-10-14 9-12-17
Dia.	T 2-Way	1-2-6	2-4-7	3-5-11	4-6-12	5-8-14	5-9-15	7-11-17		10-14-20
Dia.	1-Way	2-4-8	3-5-11	4-6-12	5-8-13	6-10-14	8-11-15	9-12-17		12-14-20
	NC		13	19	24	28	32	38		47
	TP	.014	024	.038	.055	.075	.096	151		295
	Flow Rate, CFM	105	140	175	210	245	280	350	420	490
8"	4-Way	1-3-6	2-4-8	4-4-10	4-6-11	4-7-12	5-8-12	6-10-13	8-11-14	9-12-16
	T 3-Way	1-3-6	2-4-8	4-5-11	4-6-13	5-7-13	5-9-14	7-11-16		10-13-19
Dia.	Z-way	1-3-7	2-5-10	4-6-12	4-7-14	5-8-15	6-10-17	8-12-19		12-16-22
	1-Way	3-4-9	4-6-12	5-7-13	6-9-14	7-10-15	8-12-17	10-13-19		13-16-22
	NC		16	22	27	31	35	41		50
	TP Flow Rate, CFM	.019 165	.031 220	.050 270	.071 325	096 380	124 435	.195 545	.2/9	.381 760
	4-Way	1-3-8	2-6-10	4-6-12	4-8-13	6-9-14	7-10-14	8-12-17		11-14-20
10"	2-18/20	1-3-8	2-6-10	4-7-13	6-8-15	7-9-17	7-10-14	9-13-20	11-15-22	12-17-28
Dia.	T 2-Way	1-3-9	2-7-12	4-8-14	6-9-18	7-10-19	8-12-21	10-14-23		14-20-28
Dia.	1-Way	3-6-11	4-8-14	7-9-17	8-11-18	9-12-19	10-14-21	12-17-23	15-18-25	15-20-28
	NC	19	19	25	30	34	38	44		53
	TP	.023	038	.060	.087	.117	150	.237	.338	.462
	Flow Rate, CFM	235	315	390	470	550	630	785	945	1100
12"	4-Way	2-4-8	3-5-12	5-7-14	5-8-16	6-9-17	7-12-18	9-14-20	12-16-21	14-17-23
	T 3-Way	2-4-10	3-6-13	5-7-16	6-9-18	7-11-20	8-13-21	11-16-23		15-20-28
Dia.	Z-way	2-4-11	3-7-15	5-8-18	7-11-20	8-13-23	9-15-25	12-18-28	15-21-31	17-23-33 19-23-33
	NC 1-Way	3-6-14 14	5-8-18 22	7-11-20 28	8-13-21 33	11-16-23 37	12-18-25 41	15-20-28 47	165 6-7-10 6-8-12 7-10-14 38 -189 235 6-8-10 6-9-13 7-10-15 9-10-16 41 207 320 8-10-13 7-11-16 9-13-18 11-13-18 43 -216 420 8-11-14 9-13-18 10-14-21 13-14-21 13-14-21 13-18-25 12-18-25 15-18-25 15-18-25 15-21-31 18-21-31 52 20-24-35 20-24-35 20-24-35 20-24-35 20-24-35 20-24-35 20-13-18 11-13-18 43 279 535 11-15-20 13-18-24 14-20-30 17-24-35 20	19-23-33 56
_	TP	.029	.049	.079	.113	.152	196	.309		603
	Flow Rate, CFM	320	425	530	635	740	850	1060	1270	1480
Dia. 14"	4-Way	2-5-10	4-6-13	6-8-16	6-10-18	7-11-19	8-13-20	11-16-23		16-19-26
14"	2 Marc	2-3-11	4-7-14	6-8-18	7-11-20	8-12-23	10-14-24	12-18-26		17-23-3
Dia.	T 2-Way	3-5-12	4-8-17	6-10-20	8-12-23	10-14-26	11-17-29	13-20-31	17-24-35	19-26-31
244	1-Way	4-7-16	6-10-20	8-12-23	10-14-24	12-18-26	13-2029	17-23-31	.090 .157 .165 .6-7-10 .6-8-12 .7-10-14 .8-10-14 .8-10-14 .8-10-14 .8-10-15 .9-13 .7-10-15 .9-10-16 .41 .207 .320 .8-10-13 .7-11-16 .9-13-18 .11-13-18 .43 .7-11-16 .9-13-18 .11-13-18 .43 .9-13-18 .10-13-18 .11-15-22 .12-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-27 .15-21-31 .18-21-31 .52 .440 .1270 .13-18-24 .14-2-30 .17-24-35 .20-24-35 .57 .207 .300 .8-10-13 .7-11-16 .9-13-18 .11-15-22 .440 .1270 .13-18-24 .14-2-30 .17-24-35 .20-24-35 .57 .207 .300 .8-10-13 .7-11-16 .9-13-18 .11-15-22 .12-18-25 .15-18-25 .17-20 .29 .318 .318 .335 .11-15-20 .12-17-22 .14-20-29 .17-20-29 .17-20-29	22-26-37
	NC	. 19	27	33	38	42	46	52		61
	TP	014	.023	.037	.053	.071	092	145	.207	283
	Flow Rate, CFM	75	100	125	150	175	200	250		350
	4-Way 3-Way	1-2-5 1-2-5	2-3-6 2-4-7	3-4-9 3-4-10	3-5-10 3-5-11	4-6-10 4-6-12	4-8-11 5-8-13	6-9-12 6-10-14		9-10-14 9-12-17
6 x 6	T 2-Way	1-2-6	2-4-9	3-5-11	4-6-12	5-8-14	5-9-15	7-11-17		10-14-20
	1-Way	2-4-8	3-5-11	4-6-12	5-8-13	6-10-14	8-11-15	9-12-17	11-13-18	12-14-20
	NC	2.40	13	19	24	28	32	38		47
- 7	TP	.019	.031	.050	.071	.096	.124	.195		.381
	Flow Rate, CFM	135	180	220	265	310	355	445	535	625
	4-Way	1-3-8	2-6-10	4-6-12	4-8-13	6-9-14	7-10-14	8-12-17		11-14-20
8 x 8	T 3-Way	1-3-8	2-6-10	4-7-13	6-8-15	7-9-17	7-11-18	9-13-20	11-15-22	12-17-20
OAO	z-vvay	1-3-9	2-7-12	4-8-14	6-9-18	7-10-19	8-12-21	10-14-23	12-18-25	14-20-28
	1-Way	3-6-11	4-8-14	7-9-17	8-11-18	9-12-19	10-14-21	12-17-23	15-18-25	15-20-28
- I	NC	11	19	25	30	34	38	44		53
	TP Flow Rate, CFM	.021 210	.035 280	.057 350	.082 415	110 485	142 555	.223 695	.318 99£	.435 975
	4-Way	2-4-8	3-5-11	5-7-13	5-8-15	6-9-16	7-11-17	9-13-19	11_15_20	13-16-22
		2-4-9	3-6-12	5-7-15 5-7-15	6-9-17	7-10-19	8-12-20	10-15-22	19-17-20	14-19-26
				. (J=J=1)1	UPB-1/	7-10-19	0-12-20	10-10-22	14-11-44	
10 x 10	T 3-Way		3-7-14	5-8-17	7-10-10	8-12-22	9-14-24	11-17-26	14-20-20	16-22-21
10 x 10	T 3-Way 1-Way	2-4-10 3-6-13	3-7-14 5-8-17	5-8-17 7-10-19	7-10-19 8-12-20	8-12-22 10-15-22	9-14-24 11-17-24	11-17-26 14-19-26	14-20-29	16-22-31 18-22-31



Models PR1, PR1NRF

Flush Face • 24 x 24 (600 x 600) Module Size • Round Neck

Nominal	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400
eck Size		.006	.010	.016	1000	.031	.040	.063		.123
	TP						.084	.132	.090 .189 .235 .0 6-8-10 .6-9-13 .7-10-15 .5 9-10-16 .41 .216 .420 .3 8-11-14 .6 9-13-18 .9 10-14-21 .9 13-14-21 .46 .244 .655 .7 10-13-18 .0 11-15-22 .12-18-25 .15-18-25 .49 .298 .945 .0 12-16-21 .13-18-25 .15-21-31 .18-24 .15-21-31 .18-24 .15-21-31 .18-24 .15-21-31 .18-24 .15-20-28 .17-25-34 .17-25-34 .19-28-40	.,258
	Flow Rate, CFM						160	195		275
6 ⁿ	4-Way						3-6-9	5-7-10		7-8-11
p.,	_ 3-Way		3-5-10	4-6-10	5-8-11	6-9-13	7-10-14			
Dia.	T 2-Way	1-2-5	2-3-7	3-4-9	3-5-10	4-6-11	4-7-12	6-9-14	.090 .189 .235 6-8-10 6-9-13 7-10-15 9-10-16 41 .216 .420 8-11-14 9-13-18 10-14-21 13-14-21 46 .244 .655 10-13-18 11-15-22 12-18-25 15-21-31 18-21-31 52 .345 1270 13-18-24 14-20-30 17-24-35 54 .430 1680 15-20-28 17-25-34 19-28-40 24-28-40	8-11-17
	1-Way	2-3-6	3-4-9	3-5-11		5-8-12	6-9-13	7-10-15		10-12-17
	NC				22	26	30.	36	41	45
	TP	.014	.024	.038	.055		.096	151	.216	. 295
	Flow Rate, CFM	105	140	175	210	245	280	350	420	490
~~	4-Way	1-3-6	2-4-8	4-4-10	4-6-11	4-7-12	5-8-12	6-10-13	8-11-14	9-12-16
8"	_ 3-Way	1-3-6	2-4-8	4-5-11	4-6-13	5-7-13	5-9-14	7-11-16	9-13-18	10-13-19
Dia.	T 2-Way	1-3-7	2-5-10	4-6-12	4-7-14	5-8-15	6-10-17	8-12-19	10-14-21	12-16-22
	1-Way	3-4-9	4-6-12	5-7-13	6-9-14	7-10-15	8-12-17	10-13-19	13-14-21	13-16-22
	NC	-		22			35	41	46	50
	TP	.016	.027			084	.109	.171	.244	.333
	Flow Rate, CFM					380	435	545		760
		1-3-8				6-9-14	7-10-14	8-12-17	10-13-18	11-14-20
10"	3-Man		2-6-10		6-8-15	7-9-17	7-11-18	9-13-20		12-17-23
Dia.			2-7-12	4-8-14	6-9-18	7-10-19	8-12-21	10-14-23		14-20-28
Dia.					8-11-18	9-12-19	10-14-21	12-17-23		15-20-28
	NC						38	-44		53
	TP	.020	.033	.053	.076	.103	.132	208	.298	.407
	Flow Rate, CFM	235	315	390	470	550	630	785	945	1100
400	4-Way			5-7-14		6-9-17	7-12-18	9-14-20	12-16-21	14-17-23
12"	_ 3-Way	2-4-10	3-6-13	5-7-16	6-9-18	7-11-20	8-13-21	11-16-23	13-18-27	15-20-28
Dia.	T 2-Way	2-4-11	3-7-15	5-8-18	7-11-20	8-13-23	9-15-25	12-18-28	15-21-31	17-23-33
	1-Way	3-6-14	5-8-18	7-11-20	8-13-21	11-16-23	12-18-25	15-20-28	.090 .189 .235 .6-8-10 .6-9-13 .7-10-15 .9-10-16 .41 .216 .420 .8-11-14 .9-13-18 .10-14-21 .13-14-21 .46 .244 .655 .10-13-18 .11-15-22 .12-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-18-25 .15-21-31 .18-21-31 .52 .345 .1270 .13-18-24 .14-20-30 .17-24-35 .54 .430 .1680 .15-20-28 .17-25-34 .19-28-40 .24-28-40	19-23-33
	NC	14	22	28	33	37	41	47	52	56
	TP	.023	.038	.061	.088	.119	.153	.241	.345	.470
	Flow Rate, CFM	320		530			850	1060		1480
	4-Way	2-5-10	4-6-13	6-8-16		7-11-19	8-13-20	11-16-23	13-18-24	16-19-26
14"	_ 3-Way	2-5-11	4-7-14	6-8-18	7-11-20	8-12-23	10-14-24	12-18-26	14-20-30	17-23-31
Dia.		3-5-12	4-8-17	6-10-20	8-12-23	10-14-26	11-17-29	13-20-31	17-24-35	19-26-37
Dia.	1-Way	4-8-16	6-10-20	8-12-23	10-14-24	12-18-26	13-20-29	17-23-31	20-24-35	22-26-37
	NC	16	24	30	35	39	43	49	54	58
	TP	.029		1076		.148	. 191	.300	.430	.587
	Flow Rate, CFM	420	560	700	840	980	1120	1400		1960
4.00	4-Way	2-5-12	5-8-15	6-9-19	8-12-20	9-13-21	11-15-24	13-19-26	15-20-28	18-22-31
16"	_ 3-Way	3-5-12	5-8-17	6-11-20	8-12-25	9-14-26	11-17-28	14-20-32	17-25-34	19-26-38
Dia.	T 2-Way	.006 .013 .60 .013 .60 .013 .60 .013 .60 .013 .60 .013 .60 .014 .1-2-4 2-Way 1-2-5 1-Way 2-3-6 .014 .015 .014 .105 .016 .105 .016 .165 .016 .165 .016 .016 .016 .016 .016 .016 .016 .016	5-9-19	6-12-24		11-17-31	13-19-33	15-24-37	19-28-40	21-31-44
	1-Way	5-8-18	8-12-24	9-14-26	12-18-28	13-20-31	15-24-33	19-26-37	.090 .189 .235 6-8-10 6-9-13 7-10-15 9-10-16 41 .216 420 8-11-14 9-13-18 10-14-21 13-14-21 46 .244 655 10-13-18 11-15-22 12-18-25 15-18-25 15-18-25 12-18-25 12-18-25 13-18-27 15-21-31 18-21-31 52 .345 1270 13-18-24 14-20-30 17-24-35 20-24-35 54 .430 1680 15-20-28 17-25-34 19-28-40 24-28-40	25-31-44
	NC		27	33	38	42	46	52		61



Models PR2, PR2NRF

Flush Face • 24 x 24 (600 x 600) Module Size • Square Neck

Nominal	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400
Neck Size		.006	.010	.016	.023	.031	.040	.063	.090	.123
	TP	.014	.023	.037	.053	.071	.092	145	.207	.283
	Flow Rate, CFM	75	100	125	150	175	200	250	300	350
	4-Way	1-2-5	2-3-6	3-4-9	3-5-10	4-6-10	4-8-11	6-9-12	8-10-13	9-10-14
		1-2-5	2-4-7	3-4-10	3-5-11	023 .031 .040 .063 053 .071 .092 .145 50 175 200 250 5-10 4-6-10 4-8-11 6-9-12 3 5-11 4-6-12 5-8-13 6-10-14 3 6-10-14 3 6-10-14 3 3 7-11-17 3 4 3 4 4 4 3 3 4 3 4 4 4 3 3 4 3 4 4 4 4 4	7-11-16	9-12-17		
6 x 6		1-2-6	2-4-9	3-5-11	4-6-12	5-8-14	5-9-15	7-11-17	.090 .207 .300 8-10-13	10-14-20
19.1		2-4-8	3-5-11	4-6-12	5-8-13	6-10-14	8-11-15	9-12-17	11-13-18	12-14-20
	NC		13	19	24	28	32		43	47
	TP	016	.027	.043	.062	_084	.109	.171		.333
9 9	Flow Rate, CFM	135	180	220	265	310				625
	4-Way	1-3-8	2-6-10	4-6-12	4-8-13	6-9-14	7-10-14	8-12-17	10-13-18	11-14-20
0 . 0	_ 3-Way	1-3-8	2-6-10	4-7-13	6-8-15	7-9-17	7-11-18	9-13-20	11-15-22	12-17-23
8 x 8	2-Way	1-3-9	2-7-12	4-8-14	6-9-18	7-10-19	8-12-21	10-14-23	12-18-25	14-20-28
10.0	1-Way	3-6-11	4-8-14	7-9-17	8-11-18	9-12-19	10-14-21	12-17-23	15-18-25	15-20-28
4	NC	11	19	25	30			44	23 15-18-25 49	53
	TP	.020		.053	.076					.407
	Flow Rate, CFM			390	470					1100
1 1				5-7-13	5-8-15					13-16-22
10 40	_ 3-Way			5-7-15	6-9-17					14-19-26
10 x 10	2-Way			5-8-17	7-10-19		9-14-24			16-22-31
-				7-10-19	8-12-20					18-22-31
	NC			28	33					56
	TP			.058	.083					.450
	Flow Rate, CFM			500	600					1400
119				5-8-16	7-10-17					15-19-26
19 w 49		1.006 .010 .014 .023 .014 .023 .014 .023 .014 .023 .014 .023 .014 .023 .016 .016 .025	5-9-17	7-10-21					16-22-32	
12 x 12	2-Way			5-10-20	8-12-24		11-16-28		.090 .207 .207 .207 .207 .208 .201 .201 .201 .201 .201 .201 .201 .201	18-26-37
				8-12-22	10-15-24					21-26-37
1	NC	16	24	30	35	39	43	49	54	58

CFM - cubic feet per minute

FPM - feet per minute velocity

TP - total pressure - inches w.g.

VP - velocity pressure - inches w.g.

T - throw in feet

NC - Noise Criteria (values) based on 10 dB room absorption, re 10⁻¹²

watts.

Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.

Listed throws for the 18" x 6" neck/ 24" x 12" module are for the long side of the diffuser. Throws for the narrow side are approximately x 0.6 listed values.

2. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 – 2006.

Balancing:

It is recommended that a commercially available 'Flow Hood' is used for field balancing. The airflow meter directly reads average flow rate with great accuracy at all volumes. It is a much faster and more accurate alternative to time consuming multiple velocity readings, eliminating the use of Ak factors and the calculations required to convert the average velocity into airflow.