

Performance Data

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

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

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400	
	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123	
5" Dia.	TP	.011	.019	.030	.044	.059	.076	.120	.171	.234	
	Flow Rate, CFM	40	55	70	80	95	110	135	165	190	
	T	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
		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
		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
1-Way		2-3-6	2-4-8	3-5-9	4-6-10	5-7-11	6-8-13	6-9-13	8-10-14	9-10-15	
NC	—	—	15	20	24	28	34	39	43		
6" Dia.	TP	.015	.025	.040	.058	.078	.100	.158	.225	.308	
	Flow Rate, CFM	60	80	100	120	140	160	195	235	275	
	T	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
		3-Way	1-2-4	2-3-6	3-3-8	3-4-9	3-5-10	4-6-10	5-8-11	6-9-13	7-10-14
		2-Way	1-2-5	2-3-7	3-4-9	3-5-10	4-6-11	4-7-12	6-9-14	7-10-15	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	9-10-16	10-12-17	
NC	—	—	17	22	26	30	36	41	45		
7" Dia.	TP	.016	.028	.046	.066	.092	.118	.187	.262	.360	
	Flow Rate, CFM	80	105	135	160	190	215	270	320	375	
	T	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
		3-Way	1-2-5	2-4-7	3-4-10	3-5-11	4-6-12	5-8-13	6-10-14	7-11-16	8-12-17
		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	—	15	21	26	30	34	40	45	49		
8" Dia.	TP	.019	.034	.053	.077	.104	.136	.213	.306	.417	
	Flow Rate, CFM	105	140	175	210	245	280	350	420	490	
	T	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
		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
		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	—	17	23	28	32	36	42	47	51		
6 x 6	TP	.018	.032	.051	.073	.099	.130	.200	.292	.395	
	Flow Rate, CFM	75	100	125	150	175	200	250	300	350	
	T	4-Way	1-2-5	2-3-6	3-4-8	3-5-9	4-6-9	4-7-10	6-8-11	7-9-12	8-9-13
		3-Way	1-2-5	2-4-7	3-4-9	3-5-10	4-6-11	5-7-12	6-9-13	7-10-15	8-11-16
		2-Way	1-2-6	2-4-8	3-5-10	4-6-12	5-7-13	5-8-14	7-10-16	8-12-17	9-13-19
1-Way		2-4-7	3-5-10	4-6-11	5-7-12	6-9-13	7-10-14	8-11-16	10-12-17	11-13-19	
NC	—	13	19	24	28	32	38	43	47		

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

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400	
	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123	
5" Dia.	TP	.010	.018	.028	.040	.054	.070	.110	.157	.215	
	Flow Rate, CFM	40	55	70	80	95	110	135	165	190	
	T	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
		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
		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
1-Way		2-3-6	2-4-8	3-5-9	4-6-10	5-7-11	6-8-13	6-9-13	8-10-14	9-10-15	
NC	—	—	14	19	23	27	33	38	42		
6" Dia.	TP	.013	.021	.034	.048	.065	.084	.132	.189	.258	
	Flow Rate, CFM	60	80	100	120	140	160	195	235	275	
	T	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
		3-Way	1-2-4	2-3-6	3-3-8	3-4-9	3-5-10	4-6-10	5-8-11	6-9-13	7-10-14
		2-Way	1-2-5	2-3-7	3-4-9	3-5-10	4-6-11	4-7-12	6-9-14	7-10-15	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	9-10-16	10-12-17	
NC	—	—	17	22	26	30	36	41	45		
7" Dia.	TP	.015	.025	.039	.057	.076	.098	.155	.221	.302	
	Flow Rate, CFM	80	105	135	160	190	215	270	320	375	
	T	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
		3-Way	1-2-5	2-4-7	3-4-10	3-5-11	4-6-12	5-8-13	6-10-14	7-11-16	8-12-17
		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		
8" Dia.	TP	.014	.026	.040	.058	.079	.103	.160	.231	.314	
	Flow Rate, CFM	105	140	175	210	245	280	350	420	490	
	T	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
		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
		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	—	16	22	27	31	35	41	46	50		
6 x 6	TP	.017	.030	.048	.069	.094	.122	.189	.274	.374	
	Flow Rate, CFM	75	100	125	150	175	200	250	300	350	
	T	4-Way	1-2-5	2-3-6	3-4-8	3-5-9	4-6-9	4-7-10	6-8-11	7-9-12	8-9-13
		3-Way	1-2-5	2-4-7	3-4-9	3-5-10	4-6-11	5-7-12	6-9-13	7-10-15	8-11-16
		2-Way	1-2-6	2-4-8	3-5-10	4-6-12	5-7-13	5-8-14	7-10-16	8-12-17	9-13-19
1-Way		2-4-7	3-5-10	4-6-11	5-7-12	6-9-13	7-10-14	8-11-16	10-12-17	11-13-19	
NC	—	13	19	24	28	32	38	43	47		
18 x 6	TP	.041	.068	.109	.157	.211	.273	.430	.613	.840	
	Flow Rate, CFM	225	300	375	450	525	600	750	900	1050	
	T	4-Way	5-7-15	6-10-17	8-12-19	10-15-21	11-16-22	13-17-24	16-19-27	17-21-30	19-23-32
		3-Way	5-7-15	7-10-17	9-13-19	10-15-21	12-16-22	13-17-24	16-19-27	17-21-30	19-23-32
		2-Way	5-8-15	7-11-17	9-13-19	11-15-21	13-16-22	14-17-24	16-19-27	17-21-30	19-23-32
1-Way		8-12-21	10-15-24	13-19-27	15-21-30	18-23-32	20-24-34	22-28-39	24-30-42	27-32-46	
NC	17	25	31	36	40	44	50	55	59		

Performance Data

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

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

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400	
	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123	
5" Dia.	TP	.010	.018	.028	.040	.054	.070	.110	.157	.215	
	Flow Rate, CFM	40	55	70	80	95	110	135	165	190	
	T	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
		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
		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
1-Way		2-3-6	2-4-8	3-5-9	4-6-10	5-7-11	6-8-13	6-9-13	8-10-14	9-10-15	
NC	—	—	14	19	23	27	33	38	38	42	
6" Dia.	TP	.013	.021	.034	.048	.065	.084	.132	.189	.258	
	Flow Rate, CFM	60	80	100	120	140	160	200	235	275	
	T	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
		3-Way	1-2-4	2-3-6	3-3-8	3-4-9	3-5-10	4-6-10	5-8-11	6-9-13	7-10-14
		2-Way	1-2-5	2-3-7	3-4-9	3-5-10	4-6-11	4-7-12	6-9-14	7-10-15	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	9-10-16	10-12-17	
NC	—	—	17	22	26	30	36	41	41	45	
7" Dia.	TP	.015	.025	.039	.057	.076	.098	.155	.221	.302	
	Flow Rate, CFM	80	105	135	160	190	215	270	320	375	
	T	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
		3-Way	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
		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	44	48	
8" Dia.	TP	.017	.028	.045	.065	.088	.113	.179	.255	.350	
	Flow Rate, CFM	105	140	175	210	245	280	350	420	490	
	T	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
		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
		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	—	16	22	27	31	35	41	46	46	50	
10" Dia.	TP	.023	.039	.062	.089	.120	.154	.243	.348	.475	
	Flow Rate, CFM	165	220	270	325	380	435	545	655	760	
	T	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
		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
		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
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	11	19	25	30	34	38	44	49	49	53	
6 x 6	TP	.015	.025	.039	.057	.076	.098	.155	.221	.302	
	Flow Rate, CFM	75	100	125	150	175	200	250	300	350	
	T	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
		3-Way	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
		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	44	48	
8 x 8	TP	.020	.034	.054	.078	.105	.135	.213	.304	.415	
	Flow Rate, CFM	135	180	220	265	310	355	445	535	625	
	T	4-Way	1-3-7	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	2-5-9	4-6-12	5-7-14	6-8-15	6-10-16	8-12-18	10-14-20	11-15-21
		2-Way	1-3-8	2-6-11	4-7-13	5-8-16	6-9-17	7-11-19	9-13-21	11-16-23	13-18-25
1-Way		3-5-10	4-7-13	6-8-15	7-10-16	8-11-17	9-13-19	11-15-21	14-16-23	14-18-25	
NC	9	17	23	28	32	36	42	47	47	51	

Performance Data

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

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

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400	
	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123	
	TP	.010	.018	.028	.040	.054	.070	.110	.157	.215	
5" Dia.	Flow Rate, CFM	40	55	70	80	95	110	135	165	190	
	T	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
		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
		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
		1-Way	2-3-6	2-4-8	3-5-9	4-6-10	5-7-11	6-8-13	6-9-13	8-10-14	9-10-15
NC	—	—	14	19	23	27	33	38	42		
	TP	.013	.021	.034	.048	.065	.084	.132	.189	.258	
6" Dia.	Flow Rate, CFM	60	80	100	120	140	160	200	235	275	
	T	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
		3-Way	1-2-4	2-3-6	3-3-8	3-4-9	3-5-10	4-6-10	5-8-11	6-9-13	7-10-14
		2-Way	1-2-5	2-3-7	3-4-9	3-5-10	4-6-11	4-7-12	6-9-14	7-10-15	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	9-10-16	10-12-17
NC	—	—	17	22	26	30	36	41	45		
	TP	.014	.023	.037	.053	.071	.092	.145	.207	.283	
7" Dia.	Flow Rate, CFM	80	105	135	160	190	215	270	320	375	
	T	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
		3-Way	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
		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	—	13	19	24	28	32	38	43	47		
	TP	.014	.024	.038	.055	.075	.096	.151	.216	.295	
8" Dia.	Flow Rate, CFM	105	140	175	210	245	280	350	420	490	
	T	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
		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
		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	—	16	22	27	31	35	41	46	50		
	TP	.019	.031	.050	.071	.096	.124	.195	.279	.381	
10" Dia.	Flow Rate, CFM	165	220	270	325	380	435	545	655	760	
	T	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
		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
		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
		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	11	19	25	30	34	38	44	49	53		
	TP	.023	.038	.060	.087	.117	.150	.237	.338	.462	
12" Dia.	Flow Rate, CFM	235	315	390	470	550	630	785	945	1100	
	T	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
		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
		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	18-21-31	19-23-33
NC	14	22	28	33	37	41	47	52	56		
	TP	.029	.049	.079	.113	.152	.196	.309	.440	.603	
14" Dia.	Flow Rate, CFM	320	425	530	635	740	850	1060	1270	1480	
	T	4-Way	2-5-10	4-6-13	6-8-16	6-10-18	7-11-19	8-13-20	11-16-23	13-18-24	16-19-26
		3-Way	2-3-11	4-7-14	6-8-18	7-11-20	8-12-23	10-14-24	12-18-26	14-20-30	17-23-31
		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	19-26-37
		1-Way	4-7-16	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	19	27	33	38	42	46	52	57	61		
	TP	.014	.023	.037	.053	.071	.092	.145	.207	.283	
6 x 6	Flow Rate, CFM	75	100	125	150	175	200	250	300	350	
	T	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
		3-Way	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
		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	—	13	19	24	28	32	38	43	47		
	TP	.019	.031	.050	.071	.096	.124	.195	.279	.381	
8 x 8	Flow Rate, CFM	135	180	220	265	310	355	445	535	625	
	T	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
		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
		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
		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	11	19	25	30	34	38	44	49	53		
	TP	.021	.035	.057	.082	.110	.142	.223	.318	.435	
10 x 10	Flow Rate, CFM	210	280	350	415	485	555	695	835	975	
	T	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
		3-Way	2-4-9	3-6-12	5-7-15	6-9-17	7-10-19	8-12-20	10-15-22	12-17-22	14-19-26
		2-Way	2-4-10	3-7-14	5-8-17	7-10-19	8-12-22	9-14-24	11-17-26	14-20-29	16-22-31
		1-Way	3-6-13	5-8-17	7-10-19	8-12-20	10-15-22	11-17-24	14-19-26	17-20-29	18-22-31
NC	13	21	27	32	36	40	46	51	55		

Performance Data

Models PR1, PR1NRF

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

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400	
6" Dia.	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123	
	TP	.013	.021	.034	.048	.065	.084	.132	.189	.258	
	Flow Rate, CFM	60	80	100	120	140	160	195	235	275	
	T	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
		3-Way	1-2-4	2-3-6	3-3-8	3-4-9	3-5-10	4-6-10	5-8-11	6-9-13	7-10-14
		2-Way	1-2-5	2-3-7	3-4-9	3-5-10	4-6-11	4-7-12	6-9-14	7-10-15	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	9-10-16	10-12-17	
NC	—	—	17	22	26	30	36	41	45		
8" Dia.	TP	.014	.024	.038	.055	.075	.096	.151	.216	.295	
	Flow Rate, CFM	105	140	175	210	245	280	350	420	490	
	T	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
		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
		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	—	16	22	27	31	35	41	46	50		
10" Dia.	TP	.016	.027	.043	.062	.084	.109	.171	.244	.333	
	Flow Rate, CFM	165	220	270	325	380	435	545	655	760	
	T	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
		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
		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
		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	11	19	25	30	34	38	44	49	53		
12" Dia.	TP	.020	.033	.053	.076	.103	.132	.208	.298	.407	
	Flow Rate, CFM	235	315	390	470	550	630	785	945	1100	
	T	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
		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
		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	18-21-31	19-23-33
NC	14	22	28	33	37	41	47	52	56		
14" Dia.	TP	.023	.038	.061	.088	.119	.153	.241	.345	.470	
	Flow Rate, CFM	320	425	530	635	740	850	1060	1270	1480	
	T	4-Way	2-5-10	4-6-13	6-8-16	6-10-18	7-11-19	8-13-20	11-16-23	13-18-24	16-19-26
		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
		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	19-26-37
		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		
16" Dia.	TP	.029	.048	.076	.110	.148	.191	.300	.430	.587	
	Flow Rate, CFM	420	560	700	840	980	1120	1400	1680	1960	
	T	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
		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
		2-Way	4-5-14	5-9-19	6-12-24	9-14-28	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	24-28-40	25-31-44
NC	19	27	33	38	42	46	52	57	61		

Performance Data

Models PR2, PR2NRF

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

Nominal Neck Size	Neck Velocity, FPM	300	400	500	600	700	800	1000	1200	1400	
6 x 6	VP	.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	
	T	4-Way 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	3-4-9 3-4-10 3-5-11 4-6-12	3-5-10 3-5-11 4-6-12 5-8-13	4-6-10 4-6-12 5-8-14 6-10-14	4-8-11 5-8-13 5-9-15 8-11-15	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	—	13	19	24	28	32	38	43	47	
8 x 8	TP	.016	.027	.043	.062	.084	.109	.171	.244	.333	
	Flow Rate, CFM	135	180	220	265	310	355	445	535	625	
	T	4-Way 3-Way 2-Way 1-Way	1-3-8 1-3-8 1-3-9 3-6-11	2-6-10 2-6-10 2-7-12 4-8-14	4-6-12 4-7-13 4-8-14 7-9-17	4-8-13 6-8-15 6-9-18 8-11-18	6-9-14 7-9-17 7-10-19 9-12-19	7-10-14 7-11-18 8-12-21 10-14-21	8-12-17 9-13-20 10-14-23 12-17-23	10-13-18 11-15-22 12-18-25 15-18-25	11-14-20 12-17-23 14-20-28 15-20-28
	NC	11	19	25	30	34	38	44	49	53	
	TP	.020	.033	.053	.076	.103	.132	.208	.298	.407	
10 x 10	Flow Rate, CFM	235	315	390	470	550	630	785	945	1100	
	T	4-Way 3-Way 2-Way 1-Way	2-4-8 2-4-9 2-4-10 3-6-13	3-5-11 3-6-12 3-7-14 5-9-17	5-7-13 5-7-15 5-8-17 7-10-19	5-8-15 6-9-17 7-10-19 8-12-20	6-9-16 7-10-19 8-12-22 10-15-22	7-11-17 8-12-20 9-14-24 11-17-24	9-13-19 10-15-22 11-17-26 14-19-26	11-15-20 12-17-22 14-20-29 17-20-29	13-16-22 14-19-26 16-22-31 18-22-31
	NC	14	22	28	33	37	41	47	52	56	
	TP	.021	.037	.058	.083	.115	.148	.230	.333	.450	
	Flow Rate, CFM	300	400	500	600	700	800	1000	1200	1400	
12 x 12	T	4-Way 3-Way 2-Way 1-Way	2-4-10 2-4-10 2-4-12 4-7-15	4-7-13 4-7-14 4-8-16 7-10-20	5-8-16 5-9-17 5-10-20 8-12-22	7-10-17 7-10-21 8-12-24 10-15-24	8-11-18 8-12-22 9-14-26 11-17-26	9-13-20 9-14-24 11-16-28 13-20-28	11-16-22 12-17-27 13-20-31 16-22-31	13-17-24 14-21-29 16-24-34 20-24-34	15-19-26 16-22-32 18-26-37 21-26-37
	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.