

MODEL: APC3
 PERFORATED CURVED BLADE DIFFUSER
 T-BAR, ROUND NECK

NOMINAL NECK SIZE	NECK VELOCITY, FPM VP	300 .006	400 .010	500 .016	600 .023	700 .031	800 .040	900 .051
	TP	.03	.052	.082	.18	0.162	.211	.267
	FLOW RATE, CFM	60	80	95	115	135	155	175
6" DIA.	4-WAY	1-2-4	2-3-6	2-3-7	3-4-7	3-5-8	4-6-9	4-6-9
	3-WAY	1-2-5	2-3-7	2-4-8	3-5-9	4-6-9	4-7-10	5-7-11
	2-WAY	2-3-7	3-4-9	4-6-11	4-7-12	5-8-13	6-9-14	7-11-15
	1-WAY	2-4-8	3-5-11	4-7-13	5-8-15	6-9-16	7-11-17	8-12-18
	NC	-	13	18	22	24	27	29
	FLOW RATE, CFM	105	140	175	210	245	280	315
8" DIA.	4-WAY	2-3-6	2-4-8	3-5-9	4-6-10	4-7-11	4-8-12	5-9-12
	3-WAY	2-3-7	3-4-9	3-5-11	4-7-12	5-9-13	6-9-14	7-10-14
	2-WAY	3-4-9	4-6-13	5-8-15	6-9-17	7-11-18	8-13-20	9-14-21
	1-WAY	3-5-11	5-7-15	6-9-18	7-11-21	8-13-22	10-15-24	11-17-25
	NC	12	15	20	24	26	29	31
	FLOW RATE, CFM	165	215	270	325	380	435	490
10" DIA.	4-WAY	2-3-7	3-5-10	4-6-12	5-7-13	5-8-14	6-10-15	7-11-16
	3-WAY	2-4-8	3-5-11	4-7-13	5-8-15	6-10-16	7-11-17	8-13-18
	2-WAY	4-6-12	5-8-16	6-10-20	8-12-22	9-14-23	10-16-25	12-18-27
	1-WAY	4-7-14	6-9-18	7-11-23	9-14-26	11-16-28	12-18-29	14-22-31
	NC	13	16	21	25	27	30	32
	FLOW RATE, CFM	235	315	390	470	550	625	705
12" DIA.	4-WAY	3-4-9	4-6-12	5-7-14	6-9-15	7-10-17	8-12-18	9-13-20
	3-WAY	3-5-10	4-7-14	5-8-16	7-10-18	8-12-20	9-14-22	10-15-23
	2-WAY	4-7-14	6-9-20	8-12-24	9-14-26	11-17-28	13-20-30	14-23-32
	1-WAY	5-8-17	7-11-23	9-14-28	11-17-31	13-20-33	15-23-35	17-26-37
	NC	14	17	22	26	29	31	33
	FLOW RATE, CFM	320	425	535	640	750	855	960
14" DIA.	4-WAY	3-5-10	4-7-14	5-8-16	7-10-18	8-12-21	9-14-22	10-16-23
	3-WAY	4-6-12	5-8-16	6-10-20	8-12-22	9-14-24	10-16-25	12-18-27
	2-WAY	5-8-17	7-11-24	9-14-28	11-17-30	13-21-33	15-24-35	17-26-37
	1-WAY	6-9-20	8-13-27	11-16-33	13-20-36	15-24-38	17-27-41	20-30-43
	NC	15	18	23	27	29	32	34
	FLOW RATE, CFM	420	560	700	835	975	1115	1255
16" DIA.	4-WAY	4-6-12	5-8-16	6-10-20	8-12-22	9-14-23	10-16-25	12-18-26
	3-WAY	4-7-14	6-9-18	7-11-23	9-14-25	10-16-27	12-18-29	14-22-30
	2-WAY	6-9-20	8-13-27	10-16-32	13-20-35	15-24-37	17-27-40	20-30-42
	1-WAY	7-11-23	10-15-31	12-18-37	15-23-41	17-27-44	21-31-47	23-35-50
	NC	16	19	24	28	30	33	35

FORMERLY MODEL FR 51-2204

APC3 1209

<p>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 (to 12th power) watts.</p>	<p>Performance notes:</p> <ol style="list-style-type: none"> Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions Data derived from test conducted in accordance with ISO Standard 5219, ISO Standard 3741 and ADC Test Code 1062 GRD84
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MODEL: APC3
 PERFORATED CURVED BLADE DIFFUSER
 T-BAR, SQUARE NECK

NOMINAL NECK SIZE	NECK VELOCITY, FPM	300	400	500	600	700	800	900
	VP	0.006	0.01	0.016	0.023	0.031	0.04	0.051
	TP	0.028	0.05	0.079	0.113	0.155	0.202	0.256
	FLOW RATE, CFM	75	100	125	150	175	200	225
6 X 6	4-WAY	1-2-5	2-3-7	3-4-8	3-5-8	4-6-9	5-7-10	5-7-11
	3-WAY	2-3-6	2-4-8	3-5-11	4-6-12	5-7-13	5-8-14	6-10-15
	2-WAY	3-4-9	4-6-12	5-7-15	6-9-17	7-10-20	8-12-21	9-14-22
	1-WAY	3-5-10	4-7-14	6-9-18	7-10-21	8-12-23	9-14-24	10-16-26
	NC	-	14	19	23	25	28	30
	FLOW RATE, CFM	135	175	220	265	310	355	400
8 X 8	4-WAY	2-3-6	3-4-9	3-5-10	4-6-11	5-8-12	6-9-13	6-10-14
	3-WAY	2-3-7	3-5-10	4-6-12	5-7-13	6-9-14	7-10-15	7-11-16
	2-WAY	3-5-11	4-7-14	6-9-17	7-11-20	8-13-21	9-14-23	11-16-24
	1-WAY	4-6-12	5-8-17	7-10-21	8-12-23	9-14-25	11-17-27	12-20-28
	NC	13	16	20	24	27	30	32
	FLOW RATE, CFM	210	275	345	415	485	555	625
10 X 10	4-WAY	2-4-8	3-5-11	4-7-13	5-8-14	6-10-16	7-11-17	8-12-18
	3-WAY	3-4-9	4-6-13	5-8-15	6-9-17	7-11-18	8-13-20	9-14-22
	2-WAY	4-6-13	6-9-18	7-11-22	9-13-25	10-16-26	12-18-28	13-21-30
	1-WAY	5-8-16	7-10-22	8-13-26	10-16-29	12-18-31	14-22-33	16-25-35
	NC	15	17	22	26	28	31	33
	FLOW RATE, CFM	300	400	500	600	700	800	900
12 X 12	4-WAY	3-5-10	4-6-13	5-8-16	6-10-17	8-12-20	9-13-21	10-15-22
	3-WAY	3-5-11	5-7-15	6-9-18	7-11-21	9-13-23	10-15-24	11-17-26
	2-WAY	5-8-17	7-11-23	9-13-27	11-16-29	13-20-32	14-23-34	16-25-36
	1-WAY	6-9-20	8-12-26	10-16-31	12-20-34	14-23-37	17-26-40	22-31-44
	NC	16	18	23	27	29	32	34
	FLOW RATE, CFM	410	545	680	815	955	1090	1360
14 X 14	4-WAY	1-1-6	1-3-8	2-4-11	3-6-13	4-7-15	5-8-17	7-11-22
	3-WAY	1-3-10	2-6-14	4-9-18	6-10-21	8-12-26	9-14-29	11-18-37
	2-WAY	2-5-14	4-9-14	7-12-24	9-14-30	11-17-26	13-1-40	16-26-47
	1-WAY	3-18-17	6-11-23	9-14-30	11-17-36	13-20-42	15-23-48	19-30-54
	NC	17	19	24	28	30	33	35
	FLOW RATE, CFM	530	710	890	1065	1245	1420	1600
16 X 16	4-WAY	4-7-14	5-9-18	7-10-20	9-13-24	10-16-26	10-19-28	13-21-29
	3-WAY	4-7-17	6-10-21	8-12-24	10-15-28	11-20-30	13-22-32	17-24-34
	2-WAY	7-10-23	10-14-29	11-17-34	15-22-36	18-28-43	20-30-44	24-34-50
	1-WAY	8-12-26	11-17-33	14-21-40	18-25-45	21-32-50	23-38-53	29-40-56
	NC	18	20	25	29	31	34	36

FORMERLY MODEL FR 43-2204

APC3 1209

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 (to 12th power) watts.

Performance notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions
2. Data derived from test conducted in accordance with ISO Standard 5219, ISO Standard 3741 and ADC Test Code 1062 GRD84