

**1400CB T-Bar Perforated Curved Blade – Supply**

<b>NECK SIZE</b>	NECK VELOCITY	300	400	500	600	700	800	900
	VP	.006	.010	.016	.023	.031	.040	.051
	TP	.030	.052	.082	.018	.162	.211	.267
<b>6"</b>	FLOW RATE, CFM	60	80	95	115	135	155	175
	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		17	23	28	32	36	39
<b>8"</b>	FLOW RATE, CFM	105	140	175	210	245	280	315
	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	20	26	31	35	39	42
<b>10"</b>	FLOW RATE, CFM	165	215	270	325	380	435	490
	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	14	22	28	33	37	41	44
<b>12"</b>	FLOW RATE, CFM	235	315	390	470	550	625	705
	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	16	24	30	35	39	43	46
<b>14"</b>	FLOW RATE, CFM	320	425	535	640	750	855	960
	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	19	27	33	37	42	46	49

16"	FLOW RATE, CFM	370	490	615	740	860	985	1100
	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	12-18-27	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	21	29	35	39	44	48	51
18"	FLOW RATE, CFM	530	705	885	1060	1235	1415	1590
	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	10-1-29	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	23	31	37	41	46	50	53

**Performance notes:**

1. All pressures are in inches of water.
2. The NC values, sound pressure level, are base on a room absorption of 10dB re 10-12 watts.
3. Radii of diffusion are given in feet to terminal velocities of 150 fpm (min.), 100 fpm (middle) and 50 fpm (max.).
4. Throw data based on supply air and room air being at isothermal conditions.
5. Air flow is in cubic feet per minute, cfm.