

Curved Blade • Supply Grilles and Registers

MODELS: CBHML1, CBHML1ME, CB1ML, CB1MLME, CB2ML, CB2MLME, CB3ML, CB3MLME, CB4ML, CB4MLME, CB1(OB), CB1ME(OB), CB2(OB), CB2ME(OB), CB3(OB), CB3ME(OB), CB4(OB), CB4(OB CB4ME(OB)

Core Area,	Nominal Duct	Core Velocity, FPM	100	200	300	400	500	600	700	800	900	1000
Square Feet	Size, Inches	TP	.003	.015	.032	.058	.094	.136	.182	.234	.302	.369
100		G FM	10	25	35	50	60	70	85	95	110	120
	P	NG			100-2111	14	20	23	27	30	33	36
40		4-Way				5-7-11	5-8-13	7-10-16	8-12-18	9-13-20	10-15-23	11-16-25
.12	6 x 4	T 3-Way				5-7-12	9-6-14	7-11-16	8-12-19	10-14-22	10-16-24	12-17-27
	22	2-Way			2.2	5-8-13	7-10-16	8-12-18	9-14-21	10-16-24	12-17-27	13-18-30
		1-Way				7-10-16	8-12-18	10-14-22	11-16-26	12-18-29	14-20-33	15-22-36
	n 🕒 🚽	GFM	15	30	50	65	80	95 25	110 29	130 31	145	160 37
		NC 4-Way	-		4-6-9	15 5-7-12	20 6-9-14	25 7-11-16	29 8-12-19	9-14-21	34 10-16-24	3/ 12-17-27
.16	8x4				4-6-10	5-8-13	6-9-15	8-12-18	9-14-21	10-15-23	11-16-26	12-17-27
.10	UA4	T 3-Way 2-Way			5-7-11	6-9-14	7-11-16	9-13-20	10-15-23	11-16-26	12-18-29	14-20-32
		1-Way			5-8-13	7-11-16	9-13-20	10-16-24	12-17-28	13-19-31	15-21-35	16-24-39
		CFM	20	40	60	80	100	120	140	160	180	200
	10000	NG			-	15	21	26	29	32	35	38
		4-Way			4-6-9	5-8-13	6-9-15	8-11-17	9-13-20	10-15-23	11-16-26	12-17-28
.20	10 x 4 6 x 6	T 3-Way			4-6-10	6-9-14	7-10-18	8-12-19	10-14-22	11-16-25	12-17-28	13-19-31
		2-Way			5-7-11	6-9-15	8-11-17	9-14-21	10-16-24	12-17-28	13-19-31	15-21-39
		1-Way			6-9-14	8-11-17	9-14-21	11-16-25	12-18-29	14-20-33	16-23-37	17-25-41
-	12 x 4	GFM	25	50	80	105	130	155	180	210	235	260
		NC	-		-	16	22	27	30	33	36	39
20		4-Way		3-4-7	4-6-10	6-9-14	7-10-16	8-12-19	10-14-22	11-16-25	12-17-29	13-19-31
.26		T 3-Way		3-4-7	5-7-11	6-9-15	8-11-17	9-13-20	10-15-23	11-16-26	13-18-30	14-20-33
	8 x 6	2-Way		3-5-8	5-7-12	7-10-16	8-12-19	10-15-23	11-16-26	13-18-30	14-20-33	16-23-37
	1.1.1	1-Way	-	4-6-10	6-9-15	8-12-18	10-15-23	12-17-27	13-19-31	15-22-36	16-25-40	17-27-44
	14 x 4	CFM	30	60	90	120	150	180	210	240	270	300
		NC	-			17	22	27	31	34	37	40
.30		4-Way		3-4-7	4-6-10	6-9-14	7-11-16	9-13-20	10-15-23	11-16-26	12-18-29	14-20-32
.00		T 3-Way		3-5-8	5-7-11	6-9-15	8-12-18	9-14-21	10-16-24	12-17-28	13-19-31	15-21-34
		2-Way 1-Way		3-5-8 4-6-10	5-8-13 6-9-15	7-11-16 8-12-19	9-13-20	10-15-23 12-17-28	12-17-27 14-20-33	13-19-31 16-23-37	16-23-37 17-26-42	16-23-38 19-28-46
-		CEM	35	70	105	140	10-16-24 175	210	245	280	315	19-20-40 350
		NC		70	10	18	23	210	31	35	315	40
	16 x 4	4-Way		3-4-7	5-7-11	6-9-15	8-11-17	9-13-20	10-16-24	12-17-27	13-18-30	14-20-33
.35	10 x 4	T 3-Way		3-5-8	5-7-12	6-9-15	8-12-18	10-14-22	11-16-25	14-18-29	14-20-32	15-22-36
	8x8	2-Way		4-6-9	5-8-13	7-11-16	9-13-20	10-16-24	12-17-28	14-20-32	15-22-36	16-25-40
	0.0	1-Way		4-6-10	7-10-16	9-13-20	10-16-24	12-18-29	15-21-34	17-24-39	17-26-43	19-30-48
		GFM	40	80	120	160	200	240	280	320	360	400
	18 x 4 12 x 6	NC			12	19	24	29	32	35	38	41
		4-Way		3-5-8	5-7-11	6-9-15	8-12-18	9-14-21	11-16-25	12-17-28	13-19-31	15-21-34
.40		T 3-Way		3-5-8	5-7-12	7-10-16	8-12-19	10-15-23	11-16-26	13-18-30	15-21-34	16-23-37
		2-Way		4-6-9	6-9-14	8-11-17	9-14-21	11-16-25	12-18-29	14-20-33	16-23-37	17-25-41
		1-Way	-	5-7-11	7-10-16	9-14-21	11-18-25	13-18-30	15-21-35	16-25-40	18-28-45	20-31-49
		GFM	45	90	135	180	225	270	315	360	405	450
	20 x 4 14 x 6 10 x 8	NC	-	2	12	19	25	29	32	36	39	42
45		4-Way		3-5-8	5-7-12	6-9-15	8-12-18	10-14-22	11-16-25	12-18-29	14-20-32	15-22-36
.45		T 3-Way		3-5-8	5-8-13	7-11-16	9-13-20	10-15-23	12-17-27	13-19-31	15-21-35	16-23-38
		2-Way		4-6-9	6-9-14	8-12-18	10-14-22	11-16-26	13-18-30	15-21-34	16-23-38	17-26-43
-		1-Way	EE.	5-7-11	7-11-16	9-14-21	11-16-26	13-19-31	15-22-36	17-25-41	19-28-46	21-32-51
		G FM NC	55	110	165 13	220 20	275 25	330 29	385 33	440 37	495	550 42
	24 x 4	4-Way	2-3-4	3-5-8	13 5-7-12	20 7-10-16	25 8-12-19	10-15-23	33 12-17-27	37	39 15-22-34	42
.55			2-3-4	3-5-8 4-6-9	5-7-12	8-11-17	9-14-21	11-16-25	12-17-27	13-18-30	16-22-34	16-23-38
.00	16x6	T 3-Way 2-Way	2-3-5	4-6-9 4-6-10	5-8-13 6-9-15	8-11-17 8-12-19	9-14-21 10-15-23	12-17-28	12-18-29	14-20-32	16-23-37	18-28-45
	12 x 8	2-way 1-Way	2-3-5 2-4-6	4-6-10 5-7-12	8-11-17	10-14-22	12-17-28	12-17-28	14-26-32	15-22-36	20-3-49	22-34-54



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Core Area,	Nominal Duct	Core Velocity, FPM	100	200	300	400	500	600	700	800	900	1000
Square Feet	Size, Inches	TP	.003	.015	.032	.058	.094	.136	.182	.234	.302	.369
.62	1 1 1	CFM	60	125	185	250	310	370	435	495	560	620
		NG			12	20	26	30	34	37	40	43
		4-Way	2-3-4	4-6-9	5-8-13	7-11-16	9-13-20	10-16-24	12-17-27	13-19-21	15-21-35	16-24-39
	18 x 6	T 3-Way	2-3-5	4-6-9	6-9-14	8-11-17	9-14-21	11-16-26	13-18-30	14-20-33	16-24-38	17-26-42
	10 x 10	2-Way	2-3-5	4-6-10	6-9-15	8-12-19	10-16-24	12-17-28	14-20-33	16-23-37	17-26-42	19-28-46
		1-Way	2-4-6	5-7-12	8-11-17	10-15-27	12-18-29	15-21-24	17-25-40	18-28-45	20-31-49	23-35-55
		CFM	70	140	210	280	350	420	490	560	630	700
	00 4	NG			14	20	26	30	34	38	40	43
	30 x 4	4-Way	2-3-5	4-6-9	5-8-13	7-11-16	9-13-20	10-16-24	12-19-28	14-20-32	15-22-36	16-25-40
.70	20 x 6	T 3-Way	2-3-5	4-6-9	6-9-14	8-12-18	10-14-22	11-16-26	13-19-31	15-21-35	16-24-39	17-26-43
	14 x 8	2-Way	2-4-6	5-7-11	7-10-18	9-13-20	10-16-24	12-18-29	15-21-34	17-24-39	17-26-43	19-30-48
	12 x 10	1-Way	3-4-7	5-8-13	8-12-18	10-16-24	12-18-29	15-21-35	17-25-41	19-28-46	21-32-52	24-36-57
		CFM	80	160	245	325	405	485	565	650	730	810
	00 .	NG			15	21	27	31	35	38	41	44
	36 x 4 24 x 6 16 x 8 14 x 10	4-Way	2-3-5	4-6-9	6-9-14	8-11-17	9-14-21	11-16-25	12-18-29	14-20-33	16-23-37	17-26-42
.81		T 3-Way	2-3-5	4-6-10	6-9-15	8-12-19	11-16-25	12-17-27	14-20-32	15-22-36	16-25-40	18-28-45
		2-Way	2-4-6	5-7-11	7-10-16	9-14-21	11-16-25	13-18-30	15-21-35	17-25-40	18-28-45	20-31-49
		1-Way	3-4-7	5-8-13	8-12-18	11-16-25	13-19-31	16-23-37	17-26-43	19-30-48	22-33-53	25-38-60
	18 x 8	CFM	85	175	260	350	435	520	610	695	785	870
		NG	-		15	21	27	31	35	38	41	44
0.7		4-Way	2-3-5	4-6-9	8-9-14	8-12-18	10-14-22	11-16-28	13-18-30	15-21-34	16-23-38	17-26-42
.87		T ^{3-Way}	2-3-5	4-6-10	6-9-15	8-12-19	10-16-24	12-17-28	14-20-32	16-23-37	17-25-41	19-28-46
	12 x 12	2-Way	2-4-6	5-7-11	7-11-18	9-14-21	11-16-26	13-19-31	15-22-36	17-25-41	19-28-46	21-31-51
1. St.	1. A. A.	1-Way	3-4-7	6-9-14	8-12-19	11-16-25	13-19-30	16-23-38	18-27-44	20-30-49	22-35-55	25-38-62
		CFM	100	205	305	410	510	610	715	815	920	1020
		NC.			15	22	28	32	36	39	42	45
4 00	30 x 6	4-Way	2-3-5	4-6-10	8-9-15	8-12-18	10-15-23	12-17-27	13-19-31	15-21-35	16-25-40	18-27-44
1.02	20 x 8	T 3-Way	2-4-6	4-6-10	7-10-16	9-13-20	10-16-24	12-18-29	15-21-34	16-23-38	17-26-43	19-29-47
	16 x 10	2-Way	2-4-6	5-7-12	7-11-18	10-14-22	12-17-27	14-20-32	16-23-38	17-26-42	19-30-48	22-33-53
	14 x 12	1-Way	3-4-7	6-9-14	9-13-20	11-16-26	14-20-33	16-24-39	18-28-45	21-31-50	24-46-57	26-40-63
		CFM	115	230	345	460	575	690	805	920	1040	1150
		NG		-	16	23	29	32	36	40	43	46
	24 x 8	4-Way	2-3-5	4-6-10	6-9-15	8-12-19	10-16-24	12-17-28	14-20-32	16-23-37	17-25-41	18-28-45
1.15	18 x 10	T 3-Way	2-4-6	5-7-11	7-10-16	9-13-20	11-16-25	13-18-30	15-21-35	16-25-40	18-27-44	20-30-49
	16 x 12	2-Way	2-4-6	5-7-12	8-11-17	10-14-22	12-17-28	14-20-33	16-24-39	18-27-44	20-30-49	22-34-54
	1000.20	1-Way	3-5-8	6-9-15	9-14-21	12-17-27	15-21-34	17-25-40	19-28-46	21-33-53	24-36-58	27-41-66
		CFM	125	250	375	500	625	750	875	1000	1120	1250
	36 x 6	NC		-	16	23	29	33	37	40	43	46
			1 9 E			8-12-19	10-16-24	12-17-28	14-20-33	16-23-37	17-26-42	19-28-46
1.00	36 x 6	4-Way	2-3-5	4-6-10	6-9-15			10 10 01			18-28-45	20-31-49
1.25	36 x 6 20 x 10	T 3-Way	2-4-6	5-7-11	7-10-16	9-14-21	11-16-26	13-19-31	15-22-36	16-25-40	100000000000000000000000000000000000000	
1.25	20 x 10	T 3-Way 2-Way	2-4-6 2-4-6	5-7-11 5-7-12	7-10-16 8-11-17	9-14-21 10-15-23	12-18-29	15-21-34	16-25-40	18-28-45	20-31-49	23-35-55
1.25	36 x 6 20 x 10 14 x 14	T 3-Way 2-Way 1-Way	2-4-6 2-4-6 3-5-8	5-7-11 5-7-12 6-9-15	7-10-16 8-11-17 9-14-20	9-14-21 10-15-23 12-17-28	12-18-29 15-21-34	15-21-34 17-25-40	16-25-40 19-29-47	18-28-45 22-33-53	20-31-49 25-38-60	28-42-67
1.25	20 x 10	T 3-Way 2-Way 1-Way CFM	2-4-6 2-4-6	5-7-11 5-7-12	7-10-16 8-11-17 9-14-20 405	9-14-21 10-15-23 12-17-28 540	12-18-29 15-21-34 675	15-21-34 17-25-40 810	16-25-40 19-29-47 945	18-28-45 22-33-53 1080	20-31-49 25-38-60 1220	28-42-67 1350
1.25	20 x 10	T 3-Way 2-Way 1-Way CFM NC	2-4-6 2-4-6 3-5-8 135 —	5-7-11 5-7-12 6-9-15 270	7-10-16 8-11-17 9-14-20 405 16	.9-14-21 10-15-23 12-17-28 540 23	12-18-29 15-21-34 675 29	15-21-34 17-25-40 810 33	16-25-40 19-29-47 945 37	18-28-45 22-33-53 1080 40	20-31-49 25-38-60 1220 43	28-42-67 1350 46
	20 x 10 14 x 14	T 3-Way 2-Way 1-Way CFM NC 4-Way	2-4-6 2-4-6 3-5-8 135 — 2-4-6	5-7-11 5-7-12 6-9-15 270 	7-10-16 8-11-17 9-14-20 405 16 7-10-16	9-14-21 10-15-23 12-17-28 540 23 9-13-20	12-18-29 15-21-34 675 29 10-16-24	15-21-34 17-25-40 810 33 12-18-29	16-25-40 19-29-47 945 37 15-21-34	18-28-45 22-33-53 1080 40 16-23-38	20-31-49 25-38-60 1220 43 17-26-38	28-42-67 1350 46 19-29-47
1.25	20 x 10 14 x 14 16 x 14	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way	2-4-6 2-4-6 3-5-8 135 	5-7-11 5-7-12 6-9-15 270 	7-10-16 8-11-17 9-14-20 405 16 7-10-16 7-11-16	9-14-21 10-15-23 12-17-28 540 28 9-13-20 9-14-21	12-18-29 15-21-34 675 29 10-16-24 11-16-28	15-21-34 17-25-40 810 33 12-18-29 13-19-31	16-25-40 19-29-47 945 37 15-21-34 15-22-36	18-28-45 22-33-53 1080 40 16-23-38 17-25-41	20-31-49 25-38-60 1220 43 17-26-38 19-27-46	28-42-67 1350 46 19-29-47 21-31-50
	20 x 10 14 x 14	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way 2-Way	2-4-6 2-4-6 3-5-8 135 2-4-6 2-4-6 3-4-7	5-7-11 5-7-12 6-9-15 270 4-6-10 5-7-11 5-8-13	7-10-16 8-11-17 9-14-20 16 7-10-16 7-10-16 7-11-16 8-12-18	9-14-21 10-15-23 12-17-28 540 23 9-13-20 9-14-21 10-16-24	12-18-29 15-21-34 675 29 10-16-24 11-16-28 12-18-29	15-21-34 17-25-40 810 33 12-18-29 13-19-31 15-21-35	16-25-40 19-29-47 945 37 15-21-34 15-22-36 17-25-41	18-28-45 22-33-53 1080 40 16-23-38 17-25-41 19-28-46	20-31-49 25-38-60 1220 43 17-26-38 19-27-46 21-32-51	28-42-67 1350 46 19-29-47 21-31-50 24-36-57
	20 x 10 14 x 14 16 x 14	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way 2-Way 1-Way	2-4-6 2-4-6 3-5-8 135 2-4-6 2-4-6 3-4-7 3-5-8	5-7-11 5-7-12 6-9-15 270 4-6-10 5-7-11 5-8-13 6-9-15	7-10-16 8-11-17 9-14-20 405 16 7-10-16 7-11-16 8-12-18 10-14-22	9-14-21 10-15-23 12-17-28 540 23 9-13-20 9-14-21 10-16-24 12-17-28	12-18-29 15-21-34 675 29 10-16-24 11-16-28 12-18-29 15-21-35	15-21-34 17-25-40 810 33 12-18-29 13-19-31 15-21-35 17-26-42	16-25-40 19-29-47 945 37 15-21-34 15-22-38 17-25-41 20-30-49	18-28-45 22-33-53 1080 40 16-23-38 17-25-41 19-28-46 22-34-54	20-31-49 25-38-60 1220 43 17-26-38 19-27-46 21-32-51 25-38-61	28-42-67 1350 46 19-29-47 21-31-50 24-36-57 28-43-68
	20 x 10 14 x 14 16 x 14 18 x 12	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way 2-Way 1-Way CFM	2-4-6 2-4-6 3-5-8 135 2-4-6 2-4-6 3-4-7 3-5-8 155	5-7-11 5-7-12 6-9-15 270 4-6-10 5-7-11 5-8-13	7-10-16 8-11-17 9-14-20 405 16 7-10-16 7-11-16 8-12-18 10-14-22 460	9-14-21 10-15-23 12-17-28 540 23 9-13-20 9-14-21 10-16-24 12-17-28 610	12-18-29 15-21-34 675 29 10-16-24 11-16-28 12-18-29 15-21-35 765	15-21-34 17-25-40 810 33 12-18-29 13-19-31 15-21-35 17-26-42 920	16-25-40 19-29-47 945 37 15-21-34 15-22-36 17-25-41 20-30-49 1070	18-28-45 22-33-53 1080 40 16-23-38 17-25-41 19-28-46 22-34-54 1220	20-31-49 25-38-60 1220 43 17-26-38 19-27-46 21-32-51 25-38-61 1380	28-42-67 1350 46 19-29-47 21-31-50 24-36-57 28-43-68 1530
	20 x 10 14 x 14 16 x 14 18 x 12 30 x 8	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way 2-Way 1-Way CFM NC	2-4-6 2-4-6 3-5-8 135 2-4-6 2-4-6 3-4-7 3-5-8 155 	5-7-11 5-7-12 6-9-15 270 4-6-10 5-7-11 5-8-13 6-9-15 305	7-10-16 8-11-17 9-14-20 405 16 7-10-16 7-11-16 8-12-18 10-14-22 460 17	9-14-21 10-15-23 12-17-28 540 23 9-13-20 9-14-21 10-16-24 12-17-28 610 24	12-18-29 15-21-34 675 29 10-16-24 11-16-28 12-18-29 15-21-35 765 29	15-21-34 17-25-40 810 33 12-18-29 13-19-31 15-21-35 17-26-42 920 34	16-25-40 19-29-47 945 37 15-21-34 15-22-36 17-25-41 20-30-49 1070 38	18-28-45 22-33-53 1080 40 16-23-38 17-25-41 19-28-46 22-34-54 1220 41	20-31-49 25-38-60 1220 43 17-26-38 19-27-46 21-32-51 25-38-61 1380 44	28-42-67 1350 46 19-29-47 21-31-50 24-36-57 28-43-68 1530 47
1.35	20 x 10 14 x 14 16 x 14 18 x 12 30 x 8 24 x 10	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way 2-Way 1-Way CFM NC 4-Way	2-4-6 2-4-6 3-5-8 135 2-4-6 3-4-7 3-5-8 155 2-4-6	5-7-11 5-7-12 6-9-15 270 4-6-10 5-7-11 5-8-13 6-9-15 305 5-7-11	7-10-16 8-11-17 9-14-20 405 16 7-10-16 7-10-16 8-12-18 10-14-22 460 17 7-10-16	9-14-21 10-15-23 12-17-28 540 23 9-13-20 9-14-21 10-16-24 12-17-28 610 24 9-13-20	12-18-29 15-21-34 675 29 10-16-24 11-16-28 12-18-29 15-21-35 765 29 11-16-25	15-21-34 17-25-40 810 33 12-18-29 13-19-31 15-21-35 17-26-42 920 34 13-18-30	16-25-40 19-29-47 945 37 15-21-34 15-22-36 17-25-41 20-30-49 1070 38 15-21-35	18-28-45 22-33-53 1080 40 16-23-38 17-25-41 19-28-46 22-34-54 1220 41 16-24-39	20-31-49 25-38-60 1220 43 17-26-38 19-27-46 21-32-51 25-38-61 1380 44 18-27-44	28-42-67 1350 46 19-29-47 21-31-50 24-36-57 28-43-68 1530 47 20-30-49
	20 x 10 14 x 14 16 x 14 18 x 12 30 x 8 24 x 10 20 x 12	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way	2-4-6 2-4-6 3-5-8 135 2-4-6 3-4-7 3-5-8 155 2-4-6 2-4-6 2-4-6	5-7-11 5-7-12 6-9-15 270 4-6-10 5-7-11 5-8-13 6-9-15 305 5-7-11 5-7-12	7-10-16 8-11-17 9-14-20 405 16 7-10-16 7-10-16 8-12-18 10-14-22 460 17 7-10-16 7-11-16	9-14-21 10-15-23 12-17-28 540 23 9-13-20 9-14-21 10-16-24 12-17-28 610 24 9-13-20 10-14-22	12-18-29 15-21-34 675 29 10-16-24 11-16-28 12-18-29 15-21-35 765 29 11-16-25 12-17-27	15-21-34 17-25-40 810 33 12-18-29 13-19-31 15-21-35 17-26-42 920 34 13-18-30 14-20-32	16-25-40 19-29-47 945 37 15-21-34 15-22-36 17-25-41 20-30-49 1070 38 15-21-35 16-23-38	18-28-45 22-33-53 1080 40 16-23-38 17-25-41 19-28-46 22-34-54 1220 41 16-24-39 17-26-43	20-31-49 25-38-60 1220 43 17-26-38 19-27-46 21-32-51 25-38-61 1380 44 18-27-44 19-30-48	28-42-67 1350 46 19-29-47 21-31-50 24-36-57 28-43-68 1530 47 20-30-49 21-33-52
1.35	20 x 10 14 x 14 16 x 14 18 x 12 30 x 8 24 x 10	T 3-Way 2-Way 1-Way CFM NC 4-Way T 3-Way 2-Way 1-Way CFM NC 4-Way	2-4-6 2-4-6 3-5-8 135 2-4-6 3-4-7 3-5-8 155 2-4-6	5-7-11 5-7-12 6-9-15 270 4-6-10 5-7-11 5-8-13 6-9-15 305 5-7-11	7-10-16 8-11-17 9-14-20 405 16 7-10-16 7-10-16 8-12-18 10-14-22 460 17 7-10-16	9-14-21 10-15-23 12-17-28 540 23 9-13-20 9-14-21 10-16-24 12-17-28 610 24 9-13-20	12-18-29 15-21-34 675 29 10-16-24 11-16-28 12-18-29 15-21-35 765 29 11-16-25	15-21-34 17-25-40 810 33 12-18-29 13-19-31 15-21-35 17-26-42 920 34 13-18-30	16-25-40 19-29-47 945 37 15-21-34 15-22-36 17-25-41 20-30-49 1070 38 15-21-35	18-28-45 22-33-53 1080 40 16-23-38 17-25-41 19-28-46 22-34-54 1220 41 16-24-39	20-31-49 25-38-60 1220 43 17-26-38 19-27-46 21-32-51 25-38-61 1380 44 18-27-44	28-42-67 1350 46 19-29-47 21-31-50 24-36-57 28-43-68 1530 47 20-30-49



Curved Blade • Supply Grilles and Registers

MODELS: CBHML1, CBHML1ME, CB1ML, CB1MLME, CB2ML, CB2MLME, CB3ML, CB3MLME, CB4ML, CB4MLME, CB1(OB), CB1ME(OB), CB2(OB), CB2ME(OB), CB3(OB), CB3ME(OB), CB4(OB), CB4ME(OB)

Size, Inches 36 x 8 30 x 10 24 x 12 20 x 14 18 x 16 24 x 14 20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12 20 x 14	TP CFM NC T CFM NC T CFM NC CFM NC	4-Way 3-Way 2-Way 1-Way 3-Way 2-Way 2-Way 1-Way 3-Way 3-Way 2-Way 1-Way 1-Way	.003 182 2-4-6 2-4-6 3-4-7 3-5-8 210 2-4-6 3-4-7 3-4-7 4-6-9 235 2-4-6 3-4-7 3-4-7 4-6-9 235	.015 365 	.032 545 18 7-11-16 8-11-17 8-12-19 10-15-23 630 19 8-11-17 8-12-18 9-13-20 10-16-24 705	.058 730 25 9-14-21 10-15-23 11-16-26 13-19-31 840 25 10-14-22 10-16-24 12-17-29 14-20-32	.094 910 30 11-16-26 12-17-28 14-20-32 16-23-38 1050 30 12-17-27 12-18-29	.136 1090 34 13-19-31 15-21-34 16-23-38 18-28-45 18-28-45 1260 35 14-20-33 15-21-35	.182 1270 38 15-22-36 16-24-39 18-27-44 21-33-52 1470 39 16-23-43	.234 1460 42 17-25-41 18-27-44 20-30-49 24-36-58 1680 42 17-26-43	.302 1640 45 19-28-46 20-31-49 23-35-55 28-41-66 -1890 45 19-30-48	.369 1820 48 21-32-51 23-35-55 25-38-61 31-47-74 2100 48 22-33-53			
36 x 8 30 x 10 24 x 12 20 x 14 18 x 16 24 x 14 20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	NC T CFM NC T CFM NC T CFM NC	3-Way 2-Way 1-Way 4-Way 3-Way 2-Way 1-Way 4-Way 3-Way 2-Way 2-Way	 2-4-6 2-4-7 3-5-8 210 2-4-6 3-4-7 3-4-7 4-6-9 225 2-4-6 3-4-7	5-7-11 5-7-12 6-9-14 7-10-16 420 5-7-12 5-8-13 6-9-14 7-11-16 470	18 7-11-16 8-12-19 10-15-23 630 19 8-11-17 8-12-18 9-13-20 10-16-24 705	25 9-14-21 10-15-23 11-16-26 13-19-31 840 25 10-14-22 10-16-24 12-17-29	30 11-16-26 12-17-28 14-20-32 16-23-38 1050 30 12-17-27 12-18-29	34 13-19-31 15-21-34 16-23-38 18-28-45 1260 35 14-20-33	38 15-22-36 16-24-39 18-27-44 21-33-52 1470 39 16-23-43	42 17-25-41 18-27-44 20-30-49 24-36-58 1680 42 17-26-43	45 19-28-46 20-31-49 23-35-55 28-41-66 1890 45 19-30-48	48 21-32-51 23-35-55 25-38-61 31-47-74 2100 48			
30 x 10 24 x 12 20 x 14 18 x 16 24 x 14 20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	T CFM NC T CFM NC T CFM NC	3-Way 2-Way 1-Way 4-Way 3-Way 2-Way 1-Way 4-Way 3-Way 2-Way 2-Way	2-4-6 2-4-6 3-4-7 3-5-8 210 2-4-6 3-4-7 3-4-7 4-6-9 225 2-4-6 3-4-7	5-7-12 6-9-14 7-10-16 420 5-7-12 5-8-13 6-9-14 7-11-16 470 	7-11-16 8-11-17 8-12-19 10-15-23 630 19 8-11-17 8-12-18 9-13-20 10-16-24 705	9-14-21 10-15-23 11-16-26 13-19-31 840 25 10-14-22 10-16-24 12-17-29	11-16-26 12-17-28 14-20-32 16-23-38 1050 30 12-17-27 12-18-29	13-19-31 15-21-34 16-23-38 18-28-45 1260 35 14-20-33	15-22-38 16-24-39 18-27-44 21-33-52 1470 39 16-23-43	17-25-41 18-27-44 20-30-49 24-36-58 1680 42 17-26-43	19-28-46 20-31-49 23-35-55 28-41-66 1890 45 19-30-48	21-32-51 23-35-55 25-38-61 31-47-74 2100 48			
24 x 12 20 x 14 18 x 16 24 x 14 20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	CFM NC T CFM NC T CFM NC	3-Way 2-Way 1-Way 4-Way 3-Way 2-Way 1-Way 4-Way 3-Way 2-Way 2-Way	2-4-6 3-4-7 3-5-8 210 2-4-6 3-4-7 3-4-7 4-6-9 225 2-4-6 3-4-7 3-4-7	5-7-12 6-9-14 7-10-16 420 5-7-12 5-8-13 6-9-14 7-11-16 470 	8-11-17 8-12-19 10-15-23 630 19 8-11-17 8-12-18 9-13-20 10-16-24 705	10-15-23 11-16-26 13-19-31 840 25 10-14-22 10-16-24 12-17-29	12-17-28 14-20-32 16-23-38 1050 30 12-17-27 12-18-29	15-21-34 16-23-38 18-28-45 1260 35 14-20-33	16-24-39 18-27-44 21-33-52 1470 39 16-23-43	18-27-44 20-30-49 24-36-58 1680 42 17-26-43	20-31-49 23-35-55 28-41-66 1890 45 19-30-48	23-35-55 25-38-61 31-47-74 2100 48			
20 x 14 18 x 16 24 x 14 20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	CFM NC T CFM NC T CFM NC	2-Way 1-Way 3-Way 2-Way 1-Way 4-Way 3-Way 3-Way 2-Way	3-4-7 3-5-8 210 2-4-6 3-4-7 3-4-7 4-8-9 225 2-4-6 3-4-7	6-9-14 7-10-16 420 5-7-12 5-8-13 6-9-14 7-11-16 470 	8-12-19 10-15-23 630 19 8-11-17 8-12-18 9-13-20 10-16-24 705	11-16-26 13-19-31 840 25 10-14-22 10-16-24 12-17-29	14-20-32 16-23-38 1050 30 12-17-27 12-18-29	16-23-38 18-28-45 1260 35 14-20-33	18-27-44 21-33-52 1470 39 16-23-43	20-30-49 24-36-58 1680 42 17-26-43	23-35-55 28-41-66 1890 45 19-30-48	25-38-61 31-47-74 2100 48			
18 x 16 24 x 14 20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	CFM NC T CFM NC T CFM NC	1-Way 4-Way 3-Way 2-Way 1-Way 4-Way 3-Way 2-Way	3-5-8 210 2-4-6 3-4-7 3-4-7 4-6-9 225 2-4-6 3-4-7	7-10-16 420 5-7-12 5-8-13 6-9-14 7-11-16 470 —	10-15-23 630 19 8-11-17 8-12-18 9-13-20 10-16-24 705	13-19-31 840 25 10-14-22 10-16-24 12-17-29	16-23-38 1050 30 12-17-27 12-18-29	18-28-45 1260 35 14-20-33	21-33-52 1470 39 16-23-43	24-36-58 1680 42 17-26-43	28-41-66 1890 45 19-30-48	31-47-74 2100 48			
24 x 14 20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	NC T CFM NC T CFM NC	4-Way 3-Way 2-Way 1-Way 4-Way 3-Way 2-Way	210 2-4-6 3-4-7 3-4-7 4-8-9 285 — 2-4-6 3-4-7	420 5-7-12 5-8-13 8-9-14 7-11-16 470 —	630 19 8-11-17 8-12-18 9-13-20 10-16-24 705	840 25 10-14-22 10-16-24 12-17-29	1050 30 12-17-27 12-18-29	1260 35 14-20-33	1470 39 16-23-43	1680 42 17-26-43	1890 45 19-30-48	2100 48			
20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	NC T CFM NC T CFM NC	3-Way 2-Way 1-Way 4-Way 3-Way 2-Way	2-4-6 3-4-7 3-4-7 4-6-9 225 2-4-6 3-4-7	5-7-12 5-8-13 6-9-14 7-11-16 470	19 8-11-17 8-12-18 9-13-20 10-16-24 705	25 10-14-22 10-16-24 12-17-29	30 12-17-27 12-18-29	35 14-20-33	39 16-23-43	42 17-26-43	45 19-30-48	48			
20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	T cfm nc T cfm nc	3-Way 2-Way 1-Way 4-Way 3-Way 2-Way	3-4-7 3-4-7 4-6-9 235 2-4-6 3-4-7	5-8-13 6-9-14 7-11-16 470	8-11-17 8-12-18 9-13-20 10-16-24 705	10-14-22 10-16-24 12-17-29	12-17-27 12-18-29	14-20-33	16-23-43	17-26-43	19-30-48				
20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	CFM NC T CFM NC	3-Way 2-Way 1-Way 4-Way 3-Way 2-Way	3-4-7 3-4-7 4-6-9 235 2-4-6 3-4-7	5-8-13 6-9-14 7-11-16 470	8-12-18 9-13-20 10-16-24 705	10-16-24 12-17-29	12-18-29					22-33-53			
20 x 16 18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	CFM NC T CFM NC	2-Way 1-Way 4-Way 3-Way 2-Way	3-4-7 4-6-9 235 2-4-6 3-4-7	6-9-14 7-11-16 470	9-13-20 10-16-24 7 05	12-17-29		15-21-35							
18 x 18 36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	CFM NC T CFM NC	1-Way 4-Way 3-Way 2-Way	4-6-9 235 — 2-4-6 3-4-7	7-11-16 470	10-16-24 7 05		11 00 00	10 - 1 00	17-25-41	19-28-46	21-32-51	24-36-57			
36 x 10 30 x 12 24 x 16 20 x 18 36 x 12	NC T CFM NC	4-Way 3-Way 2-Way	235 — 2-4-6 3-4-7	470	705	14-20-32	14-20-33	17-24-39	18-28-45	21-31-50	24-36-57	27-40-64			
30 x 12 24 x 16 20 x 18 36 x 12	NC T CFM NC	3-Way 2-Way	 2-4-6 3-4-7	-		14 LO 0L	16-24-39	20-39-47	22-33-53	25-38-60	28-43-68	32-49-78			
30 x 12 24 x 16 20 x 18 36 x 12	T cfm nc	3-Way 2-Way	2-4-6 3-4-7	5-7-10		940	1180	1410	1640	1880	2120	2350			
30 x 12 24 x 16 20 x 18 36 x 12	G FM NC	3-Way 2-Way	3-4-7	5-7-10	19	26	31	35	39	43	46	49			
24 x 16 20 x 18 36 x 12	G FM NC	2-Way		Procession of the second	8-11-17	10-15-23	12-17-28	15-21-34	16-24-39	18-27-44	20-30-49	23-35-55			
20 x 18 36 x 12	G FM NC	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5-8-13	8-12-19	10-16-24	13-18-30	15-22-36	17-26-42	19-30-48	22-33-53	24-36-58			
36 x 12	NG	1-Way	3-5-8	6-9-15	9-14-21	12-17-27	15-21-34	17-25-41	19-29-47	21-33-52	24-37-59	33-49-80			
	NG		4-6-9	7-11-16	11-16-25	14-20-33	17-25-41	19-30-48	23-35-55	26-39-62	29-44-70	33-49-80			
			270	535	805	1070	1340	1610	1880	2140	2410	2680			
				the second of	19	26	31	36	40	43	46	48			
		4-Way	3-4-7	5-8-13	8-12-18	10-16-24	12-18-29	15-21-35	17-25-41	19-28-46	21-31-50	24-36-57			
30 x 14	Т	3-Way	3-4-7	6-9-14	8-12-19	11-16-25	14-20-32	16-23-38	18-27-44	20-30-49	23-35-55	25-38-61			
24 x 18	0.00	2-Way	3-5-8	6-9-15	9-14-21	12-17-28	15-21-35	19-29-47	19-30-48	22-34-54	25-38-60	27-43-68			
20 x 20		1-Way	4-6-9	8-11-17	11-16-26	15-21-34	17-26-42	20-31-49	24-36-57	27-40-64	30-46-73	34-51-82			
36 x 14	CFM		315	630	945	1260	1580	1890	2200	2520	2840	3150			
	NG		1	10	20	27	32	37	41	44	47	49			
		4-Way	3-4-7	5-8-13	8-12-18	11-16-25	13-18-30	15-22-36	17-26-42	19-30-48	22-34-53	25-38-60			
30 x 16	T	3-Way	3-4-7	6-9-14	9-13-20	11-16-26	14-20-33	16-24-39	18-28-45	21-31-50	24-37-57	27-40-64			
24 x 20		2-Way	3-5-8	7-10-16	10-15-23	12-18-29	16-23-37	18-27-44	20-31-49	23-35-56	26-41-63	29-45-71			
		1-Way	4-6-10	8-12-18	12-17-27	15-20-37	18-27-44	21-32-51	25-38-60	28-42-67	32-49-77	36-54-86			
	CFM		365	730	1100	1460	1820	2190	2560	2920	3280	3650			
	NC		÷	10	20	28	33	37	41	45	48	50			
36 x 16		4-Way	3-4-7	6-9-14	8-12-19	11-16-26	14-20-32	16-23-38	18-27-44	20-30-49	23-35-55	26-39-62			
30 x 18	T	3-Way	3-5-8	6-9-15	9-14-21	12-17-27	15-21-34	17-25-41	19-29-47	22-33-53	24-37-59	27-41-66			
24 x 24		2-Way	3-5-8	7-10-16	10-15-23	13-19-31	16-23-38	18-28-45	21-33-52	24-36-58	27-41-66	31-47-74			
LANLA	1.11.1.1	1-Way	4-6-10	8-12-19	12-17-28	15-22-36	18-28-45	22-33-53	26-39-62	29-44-70	33-50-80	37-55-89			
	GFM		405	810	1220	1620	2020	2430	2830	3240	3640	4050			
36 x 18 30 x 20	NC			11	21	28	33	38	42	45	48	50			
	1.000	4-Way	3-4-7	6-9-14	9-13-20	11-16-26	14-20-33	16-24-39	18-28-45	21-31-50	24-36-57	27-40-64			
				T	3-Way	3-5-8	6-9-15	9-14-21	12-17-28	15-21-35	17-26-42	19-30-48	22-34-54	25-38-61	28-43-68
	1.2.1	2-Way	4-6-9	7-11-16	10-15-24	13-19-31	16-24-39	19-28-46	22-33-53	25-38-60	28-43-68	32-48-77			
		1-Way	4-6-10	8-12-19	12-18-29	16-23-38	19-28-46	23-35-55	27-40-64	30-45-72	34-50-81	38-57-91			
	CFM		470	945	1420	1890	2360	2830	3300	3780	4250	4720			
	NC	a :		12	21	30	34	38	42	46	48	51			
		4-Way	3-5-8	6-9-15	9-14-21	12-17-27	15-21-34	17-26-41	19-29-47	31-33-52	24-37-59	27-41-66			
	T	3-Way	3-5-8	7-10-16	10-14-23	12-18-29	16-23-37	18-27-44	21-31-50	23-35-56	27-40-64	30-45-72			
36 x 20		2-Way	4-6-9	7-11-16	11-16-25	14-20-33	17-25-41	19-30-48	23-35-55	26-39-62	29-45-71	33-49-80			
36 x 20 30 x 24		1-Way	5-7-11	9-13-20	13-18-30	16-24-39	19-30-48	24-36-57	27-41-66	31-48-76	36-53-85	40-59-95			
	CFM		580	1160	1750	2330	2910	3490	4070	4660	5240	5820			
	NC		I	12	22	29	35	39	43	47	49	52			
		4-Way	3-5-8	6-9-15	10-14-22	12-18-29	15-22-36	17-26-43	20-31-49	23-35-56	26-39-62	29-44-70			
30 x 24		3-Way	4-6-9	7-10-16	10-16-24	13-19-31	16-24-39	19-28-46	22-33-53	24-37-59	28-43-68	31-48-76			
30 x 24 36 x 24	Т	2-Way	4-6-9	8-11-17	11-16-26	15-21-34	17-26-43	21-31-50	24-36-58	27-41-66	31-47-75	35-52-84			
30 x 24	Ţ		5-7-11	9-14-21	13-19-31	11-25-41	21-31-50	25-38-60	28-44-70	33-49-80	38-56-90	43-64-102			
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A-Way 3-5-8 6-9-15 10-14-22 12-18-29 NC 12 22 29 Y 3-Way 3-5-8 6-9-15 10-14-22 12-18-29 X 30 2-Way 4-6-9 7-10-16 10-16-24 13-19-31 X 30 2-Way 4-6-9 8-11-17 11-16-26 15-21-34 <td>CFM 470 945 1420 1890 2360 NC 12 21 30 34 A-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 Z-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 CFM 580 1160 1750 2330 2910 NC 12 22 29 35 X 24 T 3-Way 4-6-9 7-10-16 10-14-22 12-18-29 15-22-36 X 30 2-Way 4-6-9 8-11-17 11-16-26 15-21-34</td> <td>CFM 470 945 1420 1890 2360 2830 NC 12 21 30 34 38 Y 20 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 Y 24 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 Y 2-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 CFM 580 1160 1750 2330 2910 3490 NC 12 22 29 35 39 NC 12 22 29 35 39 NC 12 22 29 35 39 X 24 T 3-Way 3-5-8 6-9-15 10-14-22 12-18-29 15-22-36 <t< td=""><td>CFM 470 945 1420 1890 2860 2830 3300 NC 12 21 30 34 38 42 T 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 2.Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 2.Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 CFM 580 1160 1750 2830 2910 3490 4070 NC 12 22 29 35 39 43 X 24 T 3-Way 3-5-8 6-9-15 10-14-22 12-18-29 15-22-36 17-26-43 20-31-49 X 30 2 3 3-9 43 39 43 <t< td=""><td>CFM 470 945 1420 1890 2360 2830 3300 3780 NC 12 21 30 34 38 42 46 NC 12 21 30 34 38 42 46 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 Z-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 Z-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 1-Way 5-7.11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 CFM 580 1160 1750 2330 2910 3490 4070 4660 NC 12 22 29 35 39 43 47</td><td>CFM 470 945 1420 1890 2360 2830 3300 3780 4250 NC — 12 21 30 34 38 42 46 48 Y 20 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 24-37-59 Y 20 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 27-40-64 Y 20 Y 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 29-45-71 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 36-53-85 CFM 580 1160 1750 2330 2910 3490 4070 4660 5240 NC — 12 22 29 35 39 43</td></t<></td></t<></td>	CFM 470 945 1420 1890 2360 NC 12 21 30 34 A-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 Z-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 CFM 580 1160 1750 2330 2910 NC 12 22 29 35 X 24 T 3-Way 4-6-9 7-10-16 10-14-22 12-18-29 15-22-36 X 30 2-Way 4-6-9 8-11-17 11-16-26 15-21-34	CFM 470 945 1420 1890 2360 2830 NC 12 21 30 34 38 Y 20 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 Y 24 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 Y 2-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 CFM 580 1160 1750 2330 2910 3490 NC 12 22 29 35 39 NC 12 22 29 35 39 NC 12 22 29 35 39 X 24 T 3-Way 3-5-8 6-9-15 10-14-22 12-18-29 15-22-36 <t< td=""><td>CFM 470 945 1420 1890 2860 2830 3300 NC 12 21 30 34 38 42 T 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 2.Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 2.Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 CFM 580 1160 1750 2830 2910 3490 4070 NC 12 22 29 35 39 43 X 24 T 3-Way 3-5-8 6-9-15 10-14-22 12-18-29 15-22-36 17-26-43 20-31-49 X 30 2 3 3-9 43 39 43 <t< td=""><td>CFM 470 945 1420 1890 2360 2830 3300 3780 NC 12 21 30 34 38 42 46 NC 12 21 30 34 38 42 46 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 Z-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 Z-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 1-Way 5-7.11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 CFM 580 1160 1750 2330 2910 3490 4070 4660 NC 12 22 29 35 39 43 47</td><td>CFM 470 945 1420 1890 2360 2830 3300 3780 4250 NC — 12 21 30 34 38 42 46 48 Y 20 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 24-37-59 Y 20 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 27-40-64 Y 20 Y 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 29-45-71 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 36-53-85 CFM 580 1160 1750 2330 2910 3490 4070 4660 5240 NC — 12 22 29 35 39 43</td></t<></td></t<>	CFM 470 945 1420 1890 2860 2830 3300 NC 12 21 30 34 38 42 T 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 2.Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 2.Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 CFM 580 1160 1750 2830 2910 3490 4070 NC 12 22 29 35 39 43 X 24 T 3-Way 3-5-8 6-9-15 10-14-22 12-18-29 15-22-36 17-26-43 20-31-49 X 30 2 3 3-9 43 39 43 <t< td=""><td>CFM 470 945 1420 1890 2360 2830 3300 3780 NC 12 21 30 34 38 42 46 NC 12 21 30 34 38 42 46 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 Z-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 Z-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 1-Way 5-7.11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 CFM 580 1160 1750 2330 2910 3490 4070 4660 NC 12 22 29 35 39 43 47</td><td>CFM 470 945 1420 1890 2360 2830 3300 3780 4250 NC — 12 21 30 34 38 42 46 48 Y 20 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 24-37-59 Y 20 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 27-40-64 Y 20 Y 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 29-45-71 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 36-53-85 CFM 580 1160 1750 2330 2910 3490 4070 4660 5240 NC — 12 22 29 35 39 43</td></t<>	CFM 470 945 1420 1890 2360 2830 3300 3780 NC 12 21 30 34 38 42 46 NC 12 21 30 34 38 42 46 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 Z-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 Z-Way 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 1-Way 5-7.11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 CFM 580 1160 1750 2330 2910 3490 4070 4660 NC 12 22 29 35 39 43 47	CFM 470 945 1420 1890 2360 2830 3300 3780 4250 NC — 12 21 30 34 38 42 46 48 Y 20 T 3-Way 3-5-8 6-9-15 9-14-21 12-17-27 15-21-34 17-26-41 19-29-47 31-33-52 24-37-59 Y 20 T 3-Way 3-5-8 7-10-16 10-14-23 12-18-29 16-23-37 18-27-44 21-31-50 23-35-56 27-40-64 Y 20 Y 4-6-9 7-11-16 11-16-25 14-20-33 17-25-41 19-30-48 23-35-55 26-39-62 29-45-71 1-Way 5-7-11 9-13-20 13-18-30 16-24-39 19-30-48 24-36-57 27-41-66 31-48-76 36-53-85 CFM 580 1160 1750 2330 2910 3490 4070 4660 5240 NC — 12 22 29 35 39 43			



Curved Blade • Supply Grilles and Registers

MODELS: CBHML1, CBHML1ME, CB1ML, CB1MLME, CB2ML, CB2MLME, CB3ML, CB3MLME, CB4ML, CB4MLME, CB1(OB), CB1ME(OB), CB2(OB), CB2ME(OB), CB3(OB), CB3ME(OB), CB4(OB), CB4ME(OB)

Core Nominal Core Velocity, FPM 100 200 300 400 500 600 700 800 900 1000 Area. Duct Square Size, TP .003 .032 .302 .015 .058 .094 .136 .182 .234 .369 Inches Feet CFM 715 1430 2150 2870 3580 4300 5020 5740 6450 7170 NC 14 23 29 35 40 44 48 50 53 4-Way 3-5-8 7-10-16 10-15-23 13-19-31 16-22-38 18-28-45 21-33-52 24-36-58 27-41-66 31-47-74 7.17 36 x 30 3-Way 7-11-16 14-20-33 17-25-41 20-30-49 23-35-55 26-40-63 29-45-71 33-49-80 T 4-6-9 11-16-25 2-Way 4-6-10 8-12-19 12-17-28 15-22-36 18-28-45 22-33-53 26-39-62 29-44-70 33-49-80 37-55-89 17-26-43 45-67-107 1-Way 5-7-12 10-14-22 14-20-33 22-33-53 27-40-64 31-47-75 35-52-84 40-59-95 CEM 1730 3450 5180 7700 8630 865 2590 4320 6040 6900 NC 14 24 30 36 41 45 48 50 53 4-Way 4-6-9 7-11-16 10-16-24 14-20-32 16-25-40 19-30-48 22-34-54 26-39-62 29-43-69 32-49-78 8.63 36 x 36 3-Way 4-6-10 8-11-17 11-16-26 15-21-34 17-28-43 21-31-50 24-36-58 27-41-66 31-47-75 35-52-85 T 2-Way 4-6-10 8-12-19 12-18-29 16-23-38 19-30-47 23-35-56 27-41-65 31-47-66 35-52-83 39-59-93 1-Way 5-8-13 10-15-23 15-21-35 18-28-45 23-35-57 28-43-68 32-49-78 37-55-88 42-62-100 47-70-113

CFM - cubic feet per minute

FPM - feet per minute velocity

TP - total 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. Throw values are given for terminal velocities of 150, 100 and 50 fpm, with a cooling temperature differential (Δ T) of 20°F and are based on surface mount units benefiting from the ceiling coanda effect. The blade settings were set for optimum discharge, parallel to the face of the grille, which has the outer blades closest to the frame, set with an opening of 1/8" (3) and progressively wider spacings between blades away from the frame. (Note: The throw values may be increased or decreased by as much as 20% by changing the blade setting).

2. Blades in the full open position

reduce the NC by 6.

- multiply the total pressure x 0.3.

3. The NC values are based on a room absorption of 10 dB, re $10^{\rm -12}$ watts.

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