airmaster Ventilation

Centrifugal Belt Drive Exhaust Fans

MODEL CBD

Handles Higher Static Pressures - Quietly

1 Year Warranty

FEATURES

- Non-Overloading Backward Inclined Wheel
- Aluminum Housing
- Forced Air Thru Motor Compartment
- Variable Pitch Motor Pulley Allows for Field Adjustments
- AMCA Licensed for Sound and Air
- Bird Screen
- Emergency Disconnect Switch Standard
- Suitable for Wall Mount up through CBD245MA

"Airmaster Fan certifies that Model CBD shown herein is (or are) licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program."

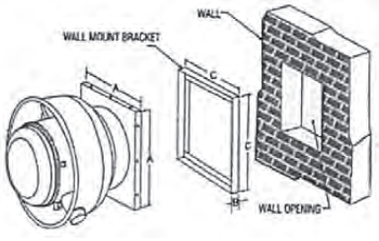
Made in the USA from domestic & foreign components



Catalog No.	Wheel Dia.	HP	Fan RPM	Capacity (CFM) at "S.P. 0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	Max. Sones	Ship Wt.
CBD130CA	13"	1/4	1200	1950	1850	1750	-	-	-	-	-	-	10.8	105
CBD130DA	13"	1/3	1300	2100	2050	1940	1850	-	-	-	-	-	11.8	105
CBD130FA	13"	1/2	1500	2420	2350	2280	2200	2150	-	-	-	-	17.1	105
CBD150DA	15"	1/3	1000	2600	2500	2300	2150	2000	1400	-	-	-	10.2	120
CBD150FA	15"	1/2	1200	3100	3000	2900	2800	2610	2350	1900	-	-	13.0	120
CBD150HA	15"	3/4	1300	3350	3300	3190	3100	2950	2690	2390	1900	-	15.8	130
CBD150JA	15"	1	1500	3850	3800	3710	3650	3510	3310	3100	2850	2500	21.0	130
CBD180DA	18"	1/3	700	2750	2600	2390	2200	1800	-	-	-	-	8.3	150
CBD180FA	18"	1/2	800	3100	3000	2800	2700	2400	1700	-	-	-	10.2	150
CBD180HA	18"	3/4	1000	3900	3800	3650	3500	3400	-	-	-	-	12.5	160
CBD180JA	18"	1	1100	4300	4200	4100	3950	3800	3600	-	-	-	13.9	160
CBD180KA	18"	1-1/2	1200	4700	4600	4500	4400	4250	4050	3800	3500	3100	19.2	180
CBD180MA	18"	2	1300	5100	5000	4900	4800	4700	4500	4250	4050	3750	24.0	190
CBD200FA	20"	1/2	700	4000	3875	3625	3375	2950	-	-	-	-	8.4	155
CBD200HA	20"	3/4	800	4600	4375	4250	4000	3750	3050	-	-	-	10.0	165
CBD200JA	20"	1	900	5125	5000	4875	4625	4500	3950	3250	-	-	12.8	165
CBD200KA	20"	1-1/2	1000	5750	5625	5450	5375	5125	4750	4250	3500	-	15.0	185
CBD200MA	20"	2	1200	6875	6750	6625	6500	6375	6125	-	-	-	19.8	195
CBD245HA	24"	3/4	600	5600	5400	5000	4500	4000	-	-	-	-	11.0	185
CBD245KA	24"	1-1/2	800	7550	7300	7100	6800	6500	5800	5000	3000	-	14.8	205
CBD245OA	24"	3	1000	9500	9250	9100	8900	8750	8250	7750	7200	6300	25.0	215
CBD300JA	30"	1	500	8200	7800	7500	7000	6500	5000	-	-	-	8.3	315
CBD300MA	30"	2	600	9700	9500	9250	8800	8500	7700	6400	-	-	12.6	345
CBD300OA	30"	3	700	11500	11250	11000	10750	10400	10250	9000	8000	6750	14.8	345
CBD300PA	30"	5	800	13100	12900	12600	12400	12200	11720	11200	10500	9600	21.0	380
CBD365KA	36"	1-1/2	400	11800	11000	10500	9500	8500	-	-	-	-	10.2	355
CBD365OA	36"	3	500	14600	14150	13700	13250	12500	11000	7800	-	-	14.9	365
CBD365PA	36"	5	600	17550	17200	16800	16500	15900	14800	13600	12000	-	19.7	400

* Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free inlet hemispherical sone levels.

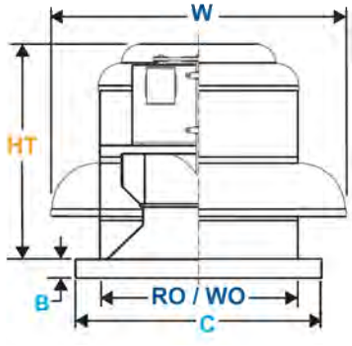
CBD WALL MOUNTING DETAILS



Model	A	B	Wall Opening
CBD130	21	20-1/2	16
CBD150	24-3/4	24-1/4	20
CBD180	28	27-1/2	24
CBD200	28	27-1/2	24
CBD245	33	32-1/2	28

FAN DIMENSIONS

Catalog Number	Ht.	W.	B	C	RO or WO
CBD130	26.75"	29.63"	2"	21"	16"
CBD150	30.63"	33.25"	2"	24-3/4"	20"
CBD180	32.75"	38.9"	2"	28"	24"
CBD200	32.75"	38.9"	2"	28"	24"
CBD245	37.25"	43.44"	2"	33"	28"
CBD300	40"	52.8"	2"	40"	36"
CBD365	45.56"	63.3"	2"	44"	40"



NOTES:

Instructions for Wall Mounting included with each fan.
Totally Enclosed Motors available upon request.
50Hz motors available upon request .

Special custom order product. Once in production, noncancellable, non-returnable under any circumstance.

MODEL CBD

115/230V 1 Phase

EDP No.	Catalog No.	List Price
32459	CBD130CA	$1,757
32460	CBD130DA	$1,782
32461	CBD130FA	$1,824
32463	CBD150DA	$1,944
32464	CBD150FA	$2,004
32466	CBD150HA	$2,075
32468	CBD150JA	$2,196
32471	CBD180DA	$2,708
32472	CBD180FA	$2,759
32474	CBD180HA	$2,829
32476	CBD180JA	$2,933
32478	CBD180KA	$3,057
32480	CBD180MA	$3,546
32483	CBD200FA	$2,796
32485	CBD200HA	$2,856
32487	CBD200JA	$2,963
32489	CBD200KA	$3,116
32495	CBD245HA	$3,741
32497	CBD245JA	$3,849
32499	CBD245KA	$4,017
32503	CBD300JA	$4,879
32505	CBD300KA	$5,026
32513	CBD365KA	$6,262

208/230/460V 3 Phase

EDP No.	Catalog No.	List Price
32462	CBD130FA	$1,826
32465	CBD150FA	$1,946
32467	CBD150HA	$1,970
32469	CBD150JA	$2,010
32473	CBD180FA	$2,758
32475	CBD180HA	$2,778
32477	CBD180JA	$2,813
32479	CBD180KA	$2,870
32481	CBD180MA	$3,272
32484	CBD200FA	$2,776
32486	CBD200HA	$2,795
32488	CBD200JA	$2,881
32493	CBD200KA	$2,884
32494	CBD200MA	$3,358
32496	CBD245HA	$3,650
32498	CBD245JA	$3,686
32500	CBD245KA	$3,746
32501	CBD245MA	$4,267
32502	CBD245OA	$4,433
32504	CBD300JA	$4,694
32506	CBD300KA	$4,747
32507	CBD300MA	$5,203
32508	CBD300OA	$5,349
32509	CBD300PA	$4,986
32514	CBD365KA	$5,742
32516	CBD365OA	$6,159
32517	CBD365PA	$7,062

For specific accessory to use with certain CBD see Accessory Chart

8" Curb

EDP No.	Catalog No.	List Price
31102	PACA20-8	$229
31107	PACA23.75-8	$259
31112	PACA27-8	$273
31115	PACA32-8	$309
31118	PACA39-8	$375
31121	PACA43-8	$402

Damper - Gravity / Wall Mount

EDP No.	Catalog No.	Ship Wt.	List Price
32453	BD16.75A	4	$83
32455	BD29A	6	$166
32456	BD23.75A	7	$128
32518	BD37A	9	$157
32457	BD44A	16	$253
32458	BD39.75A	18	$276

Accessories

EDP No.	Catalog No.	Description	List Price
62000	Curb Hinge	Curb Hinge	$177

WALL MOUNT BRACKETS AVAILABLE (through CBD245-MA) CONTACT FACTORY

12" Curb

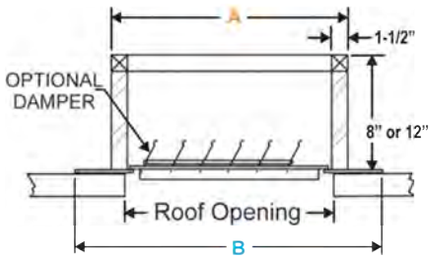
EDP No.	Catalog No.	List Price
31103	PACA20-12	$248
31108	PACA23.75-12	$281
31113	PACA27-12	$295
31116	PACA32-12	$334
31119	PACA39-12	$406
31122	PACA43-12	$435

Damper - Motor Kit

EDP No.	Catalog No.	List Price
94283	Motor Kit	$259
94282	Motor Kit	$333

The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet fan sone levels. Sones are given for the highest value over catalog range.

NOTES:
Pitched and Peaked Curbs available.
For Pitched Roof Curb price, multiply flat roof curb price by 1.67.
For Peaked Roof Curb price, multiply flat roof curb price by 2.22.
Please specify Pitched or Peaked when ordering.
Metal roofs consult factory for sizing and pricing.



CURB DIMENSIONS

Curb Cat. No.	Ship Wt.	A Sq.	B Sq.	Roof Open.	Damper Cat. No.
PACA20	20	20"	24"	16"	BD16.75A
PACA23.75	23	23.75"	27.75"	20"	BD29A
PACA27	28	27"	31"	24"	BD23.75A
PACA32	39	32"	36"	28"	BD37A
PACA39	39	39"	43"	36"	BD44A
PACA43	45	43"	47"	40"	BD39.75A

Accessory Chart

CBD To Use	8" Curb	12" Curb	Damper-Gravity /Wall Mount	Damper-Motor Kit
CBD130CA	31102	31103	32453	94283
CBD130DA	31102	31103	32453	94283
CBD130FA	31102	31103	32453	94283
CBD150DA	31107	31108	32455	94283
CBD150FA	31107	31108	32455	94283
CBD150HA	31107	31108	32455	94282
CBD150JA	31107	31108	32455	94282
CBD180DA	31112	31113	32456	94282
CBD180FA	31112	31113	32456	94282
CBD180HA	31112	31113	32456	94282
CBD180JA	31112	31113	32456	94282
CBD180KA	31112	31113	32456	94282
CBD180MA	31112	31113	32456	94282
CBD200FA	31112	31113	32456	94282
CBD200HA	31112	31113	32456	94282
CBD200JA	31112	31113	32456	94282
CBD200KA	31112	31113	32456	94282
CBD200MA	31112	31113	32456	94282
CBD245HA	31115	31116	32518	94282
CBD245JA	31115	31116	32518	94282
CBD245KA	31115	31116	32518	94282
CBD245MA	31115	31116	32518	94282
CBD245OA	31115	31116	32518	94282
CBD300JA	31118	31119	32457	94282
CBD300KA	31118	31119	32457	94282
CBD300MA	31118	31119	32457	94282
CBD300OA	31118	31119	32457	94282
CBD300PA	31118	31119	32457	94282
CBD365JA	31121	31122	32458	94282
CBD365KA	31121	31122	32458	94282
CBD365MA	31121	31122	32458	94282
CBD365OA	31121	31122	32458	94282
CBD365PA	31121	31122	32458	94282