

# Centrifugal Belt Drive Exhaust Fans

## MODEL CBD

Handles Higher Static Pressures - Quietly

### FEATURES

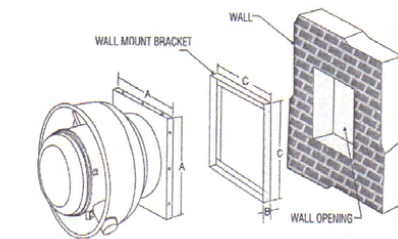
- Non-Overloading Backward Inclined Wheel
- Aluminum Housing
- Forced Air Thru Motor Compartment
- Variable Pitch Motor Pulley Allows for Field Adjustments
- AMCA Licensed for Sound and Air
- Bird Screen
- Emergency Disconnect Switch Standard
- Suitable for Wall Mount up through CBD245MA
- ETL Listed



Catalog No.	Wheel Dia.	HP	Fan RPM	Tip Speed	Max BHP	Capacity (CFM) at "S.P.										Max. Sones	Ship Wt.
						0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"			
CBD130CA	13"	1/4	1255	4410	0.29	1985	1892	1799	1705	1609	1357	-	-	-	10.8	105	
CBD130DA	13"	1/3	1328	4780	0.37	2152	2066	1980	1894	1807	1607	1300	-	-	11.8	105	
CBD130FA	13"	1/2	1531	5511	0.57	2481	2406	2332	2258	2182	2031	1850	1598	-	17.1	105	
CBD150DA	15"	1/3	1066	4395	0.36	2769	2646	2523	2371	2219	1795	-	-	-	10.2	120	
CBD150FA	15"	1/2	1230	5072	0.56	3195	3088	2982	2867	2735	2452	2069	-	-	13.0	120	
CBD150HA	15"	3/4	1389	5727	0.81	3608	3513	3419	3325	3217	2984	2718	2377	1877	15.8	130	
CBD150JA	15"	1	1527	6296	1.08	3966	3880	3794	3709	3623	3413	3201	2944	2630	21.0	130	
CBD180DA	18"	1/3	802	3915	0.36	3114	2952	2789	2600	2391	-	-	-	-	8.3	150	
CBD180FA	18"	1/2	922	4501	0.55	3580	3439	3298	3148	2984	2604	-	-	-	10.2	150	
CBD180HA	18"	3/4	1039	5072	0.79	4035	3909	3784	3659	3520	3227	2866	-	-	12.5	160	
CBD180JA	18"	1	1159	5658	1.10	4501	4388	4276	4164	4051	3793	3513	3189	2763	13.9	160	
CBD180KA	18"	1-1/2	1305	6371	1.57	5068	4968	4868	4768	4669	4457	4225	3976	3688	19.2	180	
CBD180MA	18"	2	1437	7015	2.08	5580	5490	5399	5308	5218	5037	4831	4620	4394	24.0	190	
CBD200FA	20"	1/2	761	4110	0.49	4366	4174	3981	3725	3435	2541	-	-	-	8.4	155	
CBD200HA	20"	3/4	869	4693	0.79	4986	4817	4649	4460	4234	3691	2751	-	-	10.0	165	
CBD200JA	20"	1	962	5196	1.07	5520	5367	5215	5063	4872	4447	3904	-	-	12.8	165	
CBD200KA	20"	1-1/2	1093	5903	1.57	6271	6137	6003	5869	5735	5385	4993	4523	3830	15.0	185	
CBD200MA	20"	2	1204	6503	2.10	6908	6786	6665	6543	6421	6140	5814	5438	5011	19.8	195	
CBD245HA	24"	3/4	658	4264	0.77	6224	5942	5660	5279	4839	3537	-	-	-	11.0	185	
CBD245JA	24"	1	727	4711	1.05	6876	6622	6367	6060	5709	4814	3156	-	-	13.0	185	
CBD245KA	24"	1-1/2	829	5372	1.56	7841	7618	7394	7171	6882	6230	5394	4019	-	14.8	205	
CBD245MA	24"	2	914	5922	2.07	8645	8443	8240	8037	7825	7274	6621	5826	4564	17.7	215	
CBD245OA	24"	3	1050	6804	3.15	9932	9755	9579	9402	9226	8817	8337	7779	7133	25.0	215	
CBD300JA	30"	1	504	4074	1.05	8259	7887	7503	7073	6548	5082	-	-	-	8.3	315	
CBD300KA	30"	1-1/2	575	4648	1.56	9423	9097	8770	8421	8032	7039	5647	-	-	10.7	335	
CBD300MA	30"	2	631	5100	2.06	10341	10043	9746	9437	9104	8332	7287	5910	-	12.6	345	
CBD300OA	30"	3	727	5876	3.16	11914	11656	11398	11140	10868	10277	9584	8702	7619	14.8	345	
CBD300PA	30"	5	859	6943	5.20	14077	13859	13641	13422	13204	12744	12241	11720	11022	21.0	380	
CBD365JA	36"	1	377	3677	1.01	10900	10230	9487	8630	7285	-	-	-	-	7.4	335	
CBD365KA	36"	1-1/2	430	4193	1.56	12433	11845	11244	10542	9749	-	-	-	-	10.2	355	
CBD365MA	36"	2	475	4632	2.07	13734	13202	12670	12065	11429	9688	-	-	-	11.5	365	
CBD365OA	36"	3	544	5305	3.09	15729	15265	14800	14366	13781	12641	10930	-	-	14.9	365	
CBD365PA	36"	5	643	6271	5.19	18592	18199	17806	17413	17020	16096	15157	13894	11990	19.7	400	

Performance shown is for installation Type A: Free Inlet; Free Outlet. Power Ratings (BHP) do not include Drive Losses. Performance ratings do not include the effects of appurtenances in the air stream.

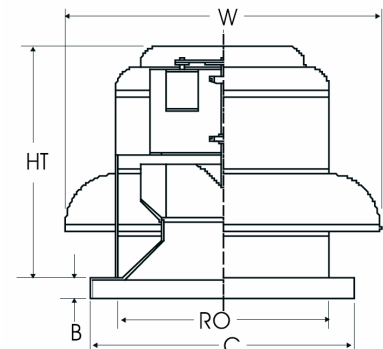
### CBD WALL MOUNTING DETAILS



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.	Ht.	B	C	RO or WO
CBD130	25-1/2"	28-1/4"	2"	21"	16"
CBD150	28-1/4"	31-1/2"	2"	24-3/4"	20"
CBD180	31-1/2"	37-1/2"	2"	28"	24"
CBD200	31-1/2"	37-1/2"	2"	28"	24"
CBD245	37-1/2"	42"	2"	33"	28"
CBD300	39"	51-1/4"	2"	40"	36"
CBD365	42-1/2"	61-3/8"	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, non-cancellable, non-returnable under any circumstance.

# Centrifugal Belt Drive Exhaust Fans

## MODEL CBD

### 115/230V 1 Phase

EDP Number	Catalog No.	List Price
32459	CBD130CA	\$2,132
32460	CBD130DA	\$2,169
32461	CBD130FA	\$2,225
32463	CBD150DA	\$2,311
32464	CBD150FA	\$2,369
32466	CBD150HA	\$2,440
32468	CBD150JA	\$2,539
32471	CBD180DA	\$2,862
32472	CBD180FA	\$2,911
32474	CBD180HA	\$2,991
32476	CBD180JA	\$3,100
32478	CBD180KA	\$3,143
32480	CBD180MA	\$3,517
32483	CBD200FA	\$3,068
32485	CBD200HA	\$3,153
32487	CBD200JA	\$3,266
32489	CBD200KA	\$3,466
32495	CBD245HA	\$3,617
32497	CBD245JA	\$3,732
32499	CBD245KA	\$3,939
32503	CBD300JA	\$4,692
32505	CBD300KA	\$4,919
32511	CBD365JA	\$6,613
32513	CBD365KA	\$6,886

### 208/230/460V 3 Phase

EDP Number	Catalog No.	List Price
32462	CBD130FA	\$2,178
32465	CBD150FA	\$2,151
32467	CBD150HA	\$2,368
32469	CBD150JA	\$2,398
32473	CBD180FA	\$2,853
32475	CBD180HA	\$2,911
32477	CBD180JA	\$2,946
32479	CBD180KA	\$2,963
32481	CBD180MA	\$3,289
32484	CBD200FA	\$3,009
32486	CBD200HA	\$3,065
32488	CBD200JA	\$3,106
32493	CBD200KA	\$3,124
32494	CBD200MA	\$3,456
32496	CBD245HA	\$3,527
32498	CBD245JA	\$3,566
32500	CBD245KA	\$3,582
32501	CBD245MA	\$3,867
32502	CBD245OA	\$3,958
32504	CBD300JA	\$4,503
32506	CBD300KA	\$4,528
32507	CBD300MA	\$5,122
32508	CBD300OA	\$5,333
32509	CBD300PA	\$5,570
32512	CBD365JA	\$6,384
32514	CBD365KA	\$6,410
32515	CBD365MA	\$6,455
32516	CBD365OA	\$7,382
32517	CBD365PA	\$7,668

### 8" Curb

EDP Number	Catalog No.	List Price
31102	PACA20-8	\$226
31107	PACA23.75-8	\$277
31112	PACA27-8	\$316
31115	PACA32-8	\$373
31118	PACA39-8	\$453
31121	PACA43-8	\$441

EDP No. Used with CBD Models No.

31102	CBD130CA, CBD130DA, CBD130FA
31107	CBD150DA, CBD150FA, CBD150HA, CBD150JA
31112	CBD180FA, CBD180HA, CBD180JA, CBD180KA, CBD180MA, CBD200FA, CBD200HA, CBD200JA, CBD200KA, CBD200MA
31115	CBD245HA, CBD245JA, CBD245KA, CBD245MA, CBD245OA
31118	CBD300JA, CBD300KA, CBD300MA, CBD300OA, CBD300PA
31121	CBD365JA, CBD365KA, CBD365MA, CBD365OA, CBD365PA

### 12" Curb

EDP Number	Catalog No.	List Price
31103	PACA20-12	\$249
31108	PACA23.75-12	\$325
31113	PACA27-12	\$369
31116	PACA32-12	\$438
31119	PACA39-12	\$534
31122	PACA43-12	\$586

EDP No. Used with CBD Models No.

31103	CBD130CA, CBD130DA, CBD130FA
31108	CBD150DA, CBD150FA, CBD150HA, CBD150JA
31113	CBD180FA, CBD180HA, CBD180JA, CBD180KA, CBD180MA, CBD200FA, CBD200HA, CBD200JA, CBD200KA, CBD200MA
31116	CBD245HA, CBD245JA, CBD245KA, CBD245MA, CBD245OA
31119	CBD300JA, CBD300KA, CBD300MA, CBD300OA, CBD300PA
31122	CBD365JA, CBD365KA, CBD365MA, CBD365OA, CBD365PA

### Damper - Gravity

EDP Number	Catalog No.	List Price
32453	BD16.75A	\$178
32455	BD29A	\$218
32456	BD23.75A	\$270
32518	BD37A	\$328
32457	BD44A	\$408
32458	BD39.75A	\$464

EDP No. Used with CBD Models No.

32453	CBD130CA, CBD130DA, CBD130FA
32455	CBD150DA, CBD150FA, CBD150HA, CBD150JA
32456	CBD180FA, CBD180HA, CBD180JA, CBD180KA, CBD180MA, CBD200FA, CBD200HA, CBD200JA, CBD200KA, CBD200MA
32518	CBD245HA, CBD245JA, CBD245KA, CBD245MA, CBD245OA
32457	CBD300JA, CBD300KA, CBD300MA, CBD300OA, CBD300PA
32458	CBD365JA, CBD365KA, CBD365MA, CBD365OA, CBD365PA

### Damper - Motor Kit

EDP Number	Catalog No.	List Price
94283	Motor Kit 115/230V	\$283
94282	Motor Kit 460V	\$283

EDP No. Used with CBD Models No.

94283	CBD130CA, CBD130DA, CBD130FA, CBD150DA, CBD150FA, CBD150HA, CBD150JA, CBD180DA, CBD180FA, CBD180HA, CBD180JA, CBD180KA, CBD180MA, CBD200FA, CBD200HA, CBD200JA, CBD200KA, CBD200MA
94282	CBD245HA, CBD245MA, CBD245OA, CBD300JA, CBD300KA, CBD300MA, CBD300OA, CBD300PA, CBD365JA, CBD365KA, CBD365MA, CBD365OA, CBD365PA

### Wall Mount Damper

EDP Number	Catalog No.	List Price
32453	BD16.75A	\$178
32455	BD29A	\$218
32456	BD23.75A	\$270
32518	BD37A	\$328

EDP No. Used with CBD Models No.

32453	CBD130CA, CBD130DA, CBD130FA
32455	CBD150DA, CBD150FA, CBD150HA, CBD150JA
32456	CBD180FA, CBD180HA, CBD180JA, CBD180KA, CBD180MA, CBD200FA, CBD200HA, CBD200JA, CBD200KA, CBD200MA
32518	CBD245HA, CBD245JA, CBD245KA, CBD245MA, CBD245OA

### Wall Grille

EDP Number	Catalog No.	List Price
32522	WG17	\$179
32523	WG20	\$239

EDP No. Used with CBD Models No.

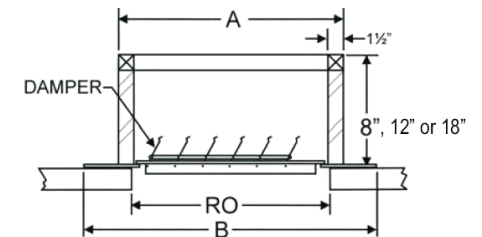
32522	CBD130CA, CBD130DA, CBD130FA, CBD150DA, CBD150FA, CBD150HA, CBD150JA, CBD180FA, CBD180HA, CBD180JA, CBD180KA, CBD180MA, CBD200FA, CBD200HA, CBD200JA, CBD200KA, CBD200MA
32523	CBD245HA, CBD245JA, CBD245KA, CBD245MA, CBD245OA

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.

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

### CURB DIMENSIONS

Curb Cat. No.	Ship Wt.	A Sq.	B Sq.	Roof Opening	Damper Cat. No.	Ship Wt.
PACA20	20	20"	24"	16"	BD16.75A	4
PACA23.75	23	23.75"	27.75"	20"	BD29A	6
PACA27	28	27"	31"	24"	BD23.75A	7
PACA32	39	32"	36"	28"	BD37A	9
PACA39	39	39"	43"	36"	BD44A	16
PACA43	45	43"	47"	40"	BD39.75A	18



### Accessories

EDP Number	Description	List Price
62000	Curb Hinge	\$150

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.

