

Fans

August - 2024



Mega Flow Fans

Composite Butterfly Models

- 58" diameter fan with non-corrosive fiberglass reinforced composite venturi and housing
- Tight sealing butterfly door design reduces air leakage and light infiltration
- Flush mount design allows retrofit over wall openings from 57-1/2" to 63"
- Preassembled butterfly doors and standardized fasteners make assembly quick and efficient
- Non-corrosive composite cone available



Light weight, insulated poly butterfly dampers open and close automatically with the operation of the fan.



Rigid x-wing motor mount design and reinforced corner bracing adds strength and solid support with minimal air flow obstruction.



Standard, automatic belt tensioner and large, cast iron, greasable pillow block bearings provide long life.

58" Mega Flow Composite HE BF Fan

Part#	Description	Lbs.	Kgs.	Price
77-0185	58" Composite HF BF Fan - 1 PH/60Hz	345.99	156.93	\$3,290.00
77-0183	58" Composite HE BF Fan - 1 PH/60Hz	346.79	157.30	\$3,290.00
77-0188	58" Composite HF BF Fan - 3 PH/60Hz	338.98	153.75	\$3,290.00
77-0189	58" Composite HE BF Fan - 3 PH/60Hz	339.77	154.12	\$3,290.00

Composite ButterFly Fan Specifications

Part#	Type	Static Pressure														Air Flow Ratio (AFR)	Bess Labs Test No.	Power
		0.00		0.05		0.10		0.15		0.20		0.25		0.30				
		CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt			
77-0185	High Flow	33,200	24.5	31,500	22.3	30,000	20.5	28,300	18.6	26,200	16.7	24,200	15.0	21,900	13.3	0.83	17305	230V, 60Hz, 1 PH
77-0183	High Efficiency	30,400	28.0	28,900	25.4	26,700	22.6	24,800	20.3	22,500	17.9	20,000	15.4	14,200	10.9	0.78	17304	230V, 60Hz, 1 PH

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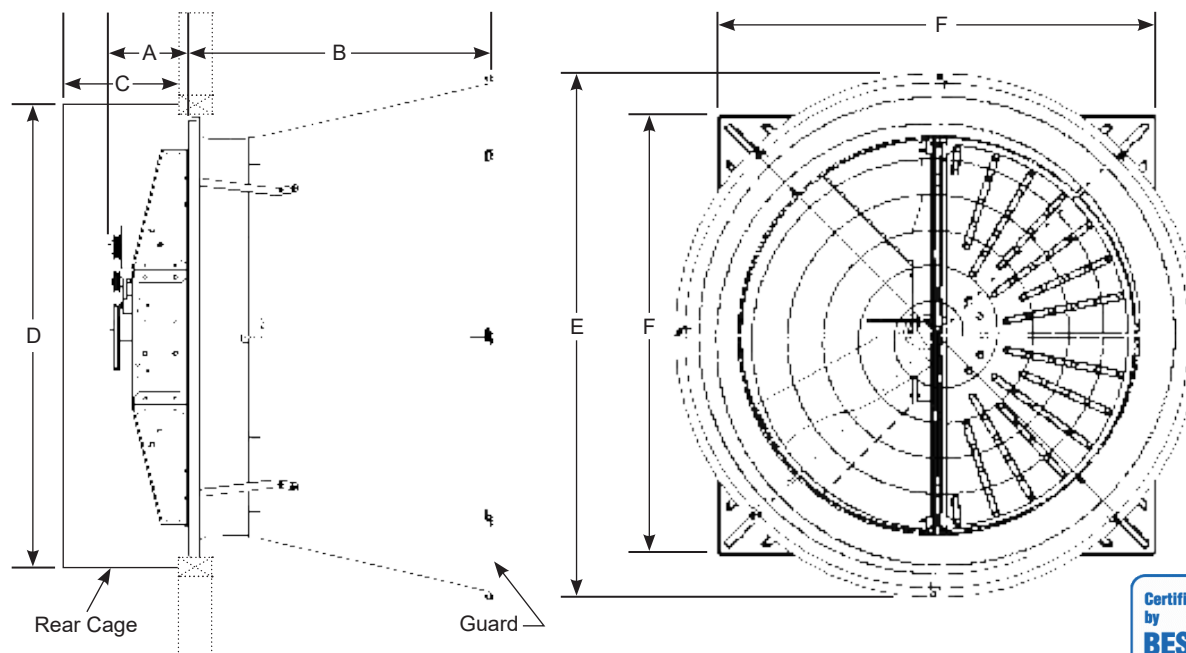
Prices and specifications are subject to change without notice.

Composite ButterFly Fan Dimensions

A	B	C	D	E	F	Recommended Wall Opening
12-1/4"	45"	16.13"	68.13"	76"	65-3/4" x 65-3/4"	66" x 66" *

* For flush mount installations, the Mega Flow 58C will accommodate openings from 57-1/2" to 63" square.

Fan to Fan spacing on wall with poly cone: 76"



58" Mega Flow Composite HE Fan

Part#	Description	Lbs.	Kgs.	Price
77-0183-LBD	58" Composite HE Fan - 1 PH/60Hz - Less BF Damper	298.71	135.49	\$2,972.00
77-0185-LBD	58" Composite HF Fan - 1 PH/60Hz - Less BF Damper	297.92	135.13	\$2,972.00
77-0188-LBD	58" Composite HF Fan - 3 PH/60Hz - Less BF Damper	292.32	132.59	\$2,972.00
77-0189-LBD	58" Composite HE Fan - 3 PH/60Hz - Less BF Damper	293.11	132.95	\$2,972.00
77-0192-LBD	58" Composite HF Mega Flow Fan - 3 PH/50Hz - Less BF Damper	299.26	135.74	\$2,972.00

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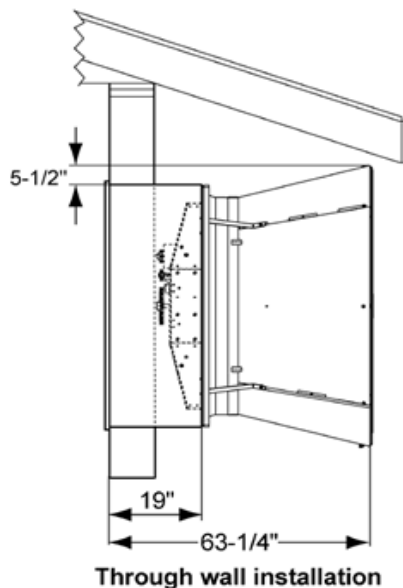
Ordering Example for Fan, Shutter and Painted Extension		
Part#	Description	Qty.
77-0183-LBD	58" Composite HE Fan - 1 PH/60Hz - Less BF Damper	1
PS64-ET	Shutter, ECO PVC, 64-1/2" Tall x 64-1/2" Wide	1
12-0778P-LBD	Fan Extension Assembly, 58", Black - Less BF Damper	1

Ordering Example for Fan, Shutter and Dimensional Lumber Extension		
Part#	Description	Qty.
77-0183-LBD	58" Composite HE Fan - 1 PH/60Hz - Less BF Damper	1
PS64-ET	Shutter, ECO PVC, 64-1/2" Tall x 64-1/2" Wide	1
91-0043-A	Turn Button Kit - Pkg. of 4	2
	Dimensional Lumber for Extension	Dealer Provided

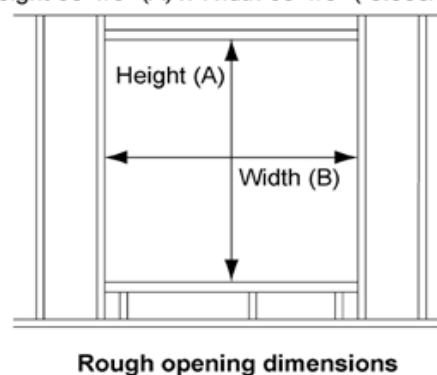
58C Composite Fan Extension



A fan housing extension is now available for the 58" composite fan. The extension moves the drive past the internal surface of the wall, producing an internally flush-mounted fan. These heavy gauge steel panels are available in galvanized or powder coated finish.



Height 66-1/8" (A) x Width 66-1/8" (-0.000/+0.375)



Fans w/Extension Included

Part#	Description	Fan Rating	Extension Coating	Lbs.	Kgs.	Price
77-0185-GE	58" Composite HF Fan BF - 1 PH/60Hz-A w/Galv.	HF	Galvanized	446.04	202.32	\$3,716.00
77-0185-PE	58" Composite HF Fan BF - 1 PH/60Hz-A w/Painted	HF	Painted	446.04	202.32	\$3,768.00
77-0183-GE	58" Composite HE BF Fan - 1 PH/60Hz-A w/Galv.	HE	Galvanized	446.84	202.68	\$3,716.00
77-0183-PE	58" Composite HE BF Fan - 1 PH/60Hz-A w/Painted	HE	Painted	446.84	202.68	\$3,768.00
77-0188-GE	58" Composite HF BF Fan - 3 PH/60Hz-A w/Galv.	HF	Galvanized	439.03	199.14	\$3,716.00
77-0188-PE	58" Composite HF BF Fan - 3 PH/60Hz-A w/Painted	HF	Painted	439.03	199.14	\$3,768.00
77-0189-GE	58" Composite HE BF Fan - 3 PH/60Hz-A w/Galv.	HE	Galvanized	439.83	199.50	\$3,716.00
77-0189-PE	58" Composite HE BF Fan - 3 PH/60Hz-A w/Painted	HE	Painted	439.83	199.50	\$3,768.00

Extension Only

Part#	Description	Fan Rating	Extension Coating	Lbs.	Kgs.	Price
12-0778	Fan Extension Assembly, 58"	N/A	Galvanized	122.91	55.75	\$722.00
12-0778P	Fan Extension Assembly, Painted, 58"	N/A	Painted	122.91	55.75	\$793.00
12-0778-LBD	Fan Extension Assembly, 58" - Less BF Damper	N/A	Galvanized	111.80	50.71	\$703.00
12-0778P-LBD	Fan Extension Assembly, Painted, 58" - Less BF Damper	N/A	Painted	111.80	50.71	\$763.00

Service Parts

Part#	Description	Fan Rating	Extension Coating	Lbs.	Kgs.	Price
12-0776	Fan Extension Panel, Top/Bottom, 58"	N/A	Galvanized	26.39	11.97	\$173.00
12-0776-BLK	Fan Extension Panel (Painted), Top/Bottom	N/A	Painted	26.39	11.97	\$186.00
12-0777	Fan Extension Panel, LH/RH, 58"	N/A	Galvanized	26.18	11.87	\$173.00
12-0777-BLK	Fan Extension Panel (Painted), LH/RH, 58"	N/A	Painted	26.18	11.87	\$186.00
12-0778HDW	Hardware Pkg, Fan Extension Assy., 58"	N/A	N/A	5.90	2.68	\$88.00
11-0514	Grill, Front Inlet 58" Composite Fan	N/A	N/A	11.22	5.09	\$97.00
7101628	Screen, Wire Mesh 1 x 2.080 GAW 14"	N/A	N/A	0.63	0.28	\$15.41
91-0043-A	Turn Button Kit - Package of 4	N/A	N/A	0.37	0.16	\$8.77
10-0262	Butterfly Damper Short Spring Kit	N/A	N/A	0.30	0.14	\$10.30

Mega Flow Fans

Galvanized Steel Butterfly Models

- Front shutter doors offer protection while the fan is not in use from harsh weather conditions such as wind and moisture
- Arched side cone panels allow Cumberland fans to be mounted closer together on field installation
- Large pulleys allow for longer belt life and smooth operation. An automatic belt tensioner ensures proper belt tension
- Strong ring weldment with rod and V-channel vertical
- Air diverters for improved airflow
- Revised baffle spring attachments
- Neoprene baffle hinge for smooth and consistent operation
- Large, cast iron, high quality greasable pillow block bearings are used for longer life.
- Bell or cage inlet options



BETTER OPTIONS, BETTER PERFORMANCE

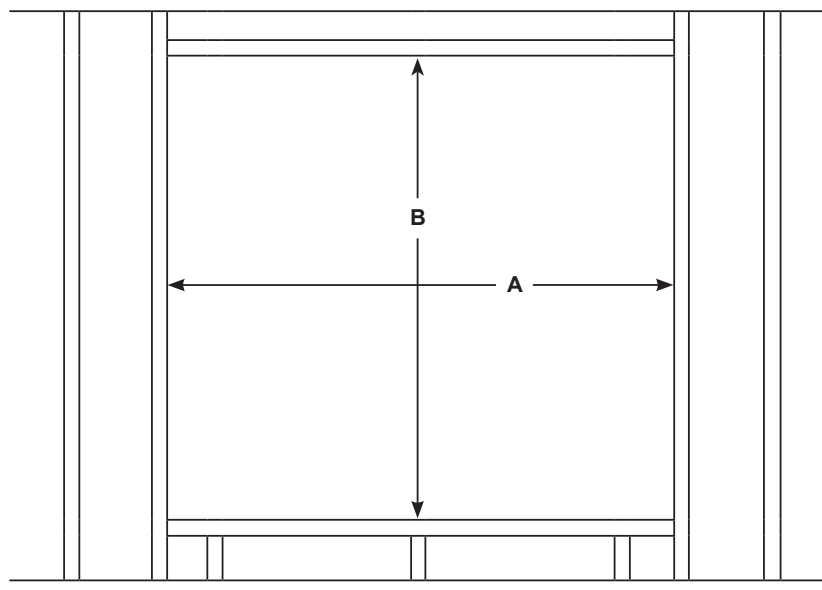
With four fan diameters to choose from, in either standard, high efficiency, or high air flow units, Mega Flow Butterfly fans cover a wide range of air flow requirements and now deliver even better performance.

Cumberland galvanized steel Mega Flow Butterfly series fans are available in 36", 50", 52" and 54" diameters. Mega Flow Butterfly fans are easy to install, extremely low maintenance and include many features designed to save you time and money.



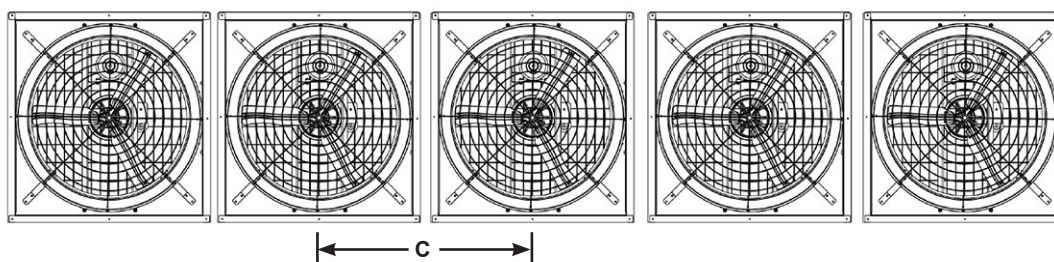
~ Refer to the back of this sheet for Mega Flow Butterfly Fan Performance Specifications Chart ~

Performance and Technical Specification Data



Rough Opening For Mega Flow Butterfly Fans (Allows Approx. 3/4" Fan Clearance)

Fan Model	Width (A)	Height (B)	Center To Center Spacing (C)	Cone Diameter
36" Mega Flow BF Fan	43"	43"	50"	50"
50" Mega Flow BF Fan	55-1/4"	55-1/4"	60"	60"
52" Mega Flow BF Fan	57-1/4"	57-1/4"	68"	68"
54" Mega Flow BF Fan	58"	61-1/4"	74"	74"



Fan Description Translations

Part#	Inlet Option
77-XXXX	Fan with Cage Inlet
77-XXXX-IB	Fan with Bell Inlet

50"	Galvanized	S	Mega Flow BF - 1 PH/60Hz	1.5	A
Size	Style	Standard Hi-Eff. Hi-Flow	Butterfly - Phase - Hertz	HP	Assembled Knockdown

36" Mega Flow BF Fans w/Inlet Cage - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0100	6603-0119-HH	36" Galv S Mega Flow BF-1PH/60HZ-.50-A	228.77	103.76	\$2,237.00
77-0102	6603-0120-HH	36" Galv S Mega Flow BF-3PH/60HZ-.75-NT-A	228.98	103.86	\$2,237.00
77-0104	6603-0117-HH	36" Galv HE Mega Flow BF-1PH/60HZ-.50-A	227.12	103.01	\$2,237.00
77-0105	6603-0115-HH	36" Galv HE Mega Flow BF-3PH/60HZ-.75-NT-A	227.33	103.11	\$2,237.00

36" Mega Flow BF Fans w/Inlet Cage - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0106	6603-6591-HH	36" Galv HE Mega Flow BF-1PH/60HZ-.50-K	225.91	102.47	\$2,237.00
77-0107	6603-6590-HH	36" Galv HE Mega Flow BF-3PH/60HZ-.75-NT-K	226.12	102.57	\$2,237.00
77-0108	6603-6593-HH	36" Galv S Mega Flow BF-3PH/60HZ-.75-NT-K	227.77	103.31	\$2,237.00
77-0167	6603-6592-HH	36" Galv S Mega Flow BF-1PH/60HZ-.50-K	227.44	103.16	\$2,237.00

36" Mega Flow BF Fans w/Inlet Bell - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0100-IB	6603-0119-HH	36" Galv S Mega Flow BF-1PH/60HZ-.50-A	221.38	100.41	\$2,277.00
77-0102-IB	6603-0120-HH	36" Galv S Mega Flow BF-3PH/60HZ-.75-NT-A	221.59	100.51	\$2,277.00
77-0104-IB	6603-0117-HH	36" Galv HE Mega Flow BF-1PH/60HZ-.50-A	219.73	99.66	\$2,277.00
77-0105-IB	6603-0115-HH	36" Galv HE Mega Flow BF-3PH/60HZ-.75-NT-A	219.94	99.76	\$2,277.00

36" Mega Flow BF Fans w/Inlet Bell - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0106-IB	6603-6591-HH	36" Galv HE Mega Flow BF-1PH/60HZ-.50-K	219.62	99.61	\$2,277.00
77-0107-IB	6603-6590-HH	36" Galv HE Mega Flow BF-3PH/60HZ-.75-NT-K	219.83	99.71	\$2,277.00
77-0108-IB	6603-6593-HH	36" Galv S Mega Flow BF-3PH/60HZ-.75-NT-K	221.48	100.46	\$2,277.00
77-0167-IB	6603-6592-HH	36" Galv S Mega Flow BF-1PH/60HZ-.50-K	221.15	100.31	\$2,277.00

50" Mega Flow BF Fans w/Inlet Cage - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0110	G50CBF16GAHE	50" Galv HE Mega Flow BF-1PH/60HZ-A	394.50	178.94	\$2,700.00
77-0111	G50CBF16GAHF	50" Galv HF Mega Flow BF-1PH/60HZ-A	394.68	179.02	\$2,700.00
77-0109	G50CBF16GA	50" Galv S Mega Flow BF-1PH/60HZ-A	394.93	179.13	\$2,700.00
77-0112	G50CBF36GA	50" Galv S Mega Flow BF-3PH/60HZ-A	388.03	176.00	\$2,700.00

50" Mega Flow BF Fans w/Inlet Cage - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0114	G50CBF16GAHF	50" Galv HF Mega Flow BF-1PH/60HZ-K	315.75	143.22	\$2,700.00
77-0113	G50CBF16GA	50" Galv S Mega Flow BF-1PH/60HZ-K	316.00	143.33	\$2,700.00
77-0115	G50CBF35GA	50" Galv S Mega Flow BF-3PH/50HZ-K	310.35	140.77	\$2,700.00
77-0116	G50CBF36GA	50" Galv S Mega Flow BF-3PH/60HZ-K	309.10	140.20	\$2,700.00

50" Mega Flow BF Fans w/Inlet Bell - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0110-IB	G50CBF16GAHE	50" Galv HE Mega Flow BF-1PH/60HZ-A	399.32	181.12	\$2,755.00
77-0111-IB	G50CBF16GAHF	50" Galv HF Mega Flow BF-1PH/60HZ-A	399.50	181.21	\$2,755.00
77-0109-IB	G50CBF16GA	50" Galv S Mega Flow BF-1PH/60HZ-A	399.75	181.32	\$2,755.00
77-0112-IB	G50CBF36GA	50" Galv S Mega Flow BF-3PH/60HZ-A	392.85	178.19	\$2,755.00

50" Mega Flow BF Fans w/Inlet Bell - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0114-IB	G50CBF16GAHF	50" Galv HF Mega Flow BF-1PH/60HZ-K	316.97	143.77	\$2,755.00
77-0113-IB	G50CBF16GA	50" Galv S Mega Flow BF-1PH/60HZ-K	317.22	143.88	\$2,755.00
77-0115-IB	G50CBF35GA	50" Galv S Mega Flow BF-3PH/50HZ-K	311.57	141.32	\$2,755.00
77-0116-IB	G50CBF36GA	50" Galv S Mega Flow BF-3PH/60HZ-K	310.32	140.75	\$2,755.00

52" Mega Flow BF Fans w/Inlet Cage - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0121	6603-6502	52" Galv HE Mega Flow BF-1PH/60HZ-1.0-A	367.15	166.54	\$2,645.00
77-0117	6603-6505	52" Galv HE Mega Flow BF-1PH/60HZ-1.5-A	367.15	166.54	\$2,794.00
77-0127	6603-6523	52" Galv HF Mega Flow BF-1PH/50HZ-1.5-A	367.65	166.76	\$2,794.00
77-0122	6603-6503	52" Galv HF Mega Flow BF-1PH/60HZ-1.5-A	367.30	166.60	\$2,794.00
77-0129	6603-6525	52" Galv HF Mega Flow BF-3PH/50HZ-1.0-A	361.27	163.86	\$2,794.00
77-0120	6603-6511	52" Galv HF Mega Flow BF-3PH/60HZ-1.0-A	360.92	163.71	\$3,047.00
77-0126	6603-6520	52" Galv S Mega Flow BF-1PH/50HZ-1.0-A	365.50	165.79	\$2,686.00
77-0118	6603-6500	52" Galv S Mega Flow BF-1PH/60HZ-1.0-A	366.90	166.42	\$2,645.00
77-0124	6603-6512	52" Galv S Mega Flow BF-3PH/60HZ-1.0-A	360.52	163.52	\$2,794.00

52" Mega Flow BF Fans w/Inlet Cage - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0134	6603-1152	52" Galv HE Mega Flow BF-1PH/60HZ-1.0-K	367.06	166.50	\$2,645.00
77-0130	6603-1148	52" Galv HE Mega Flow BF-1PH/60HZ-1.5-K	367.06	166.50	\$2,794.00
77-0133	6603-1158	52" Galv HF Mega Flow BF-1PH/50HZ-1.5-K	365.78	165.91	\$2,794.00
77-0140	6603-1153	52" Galv HF Mega Flow BF-1PH/60HZ-1.5-K	367.21	166.56	\$2,794.00
77-0139	6603-1160	52" Galv HF Mega Flow BF-3PH/50HZ-1.0-K	361.18	163.82	\$2,794.00
77-0136	6603-1151	52" Galv HF Mega Flow BF-3PH/60HZ-1.0-K	360.83	163.67	\$2,794.00
77-0132	6603-1157	52" Galv S Mega Flow BF-1PH/50HZ-1.0-K	363.63	164.94	\$2,686.00
77-0131	6603-1149	52" Galv S Mega Flow BF-1PH/60HZ-1.0-K	366.81	166.38	\$2,645.00
77-0141	6603-1155	52" Galv S Mega Flow BF-3PH/60HZ-1.0-K	360.43	163.49	\$2,794.00

52" Mega Flow BF Fans w/Inlet Bell - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0121-IB	6603-6502	52" Galv HE Mega Flow BF-1PH/60HZ-1.0-A	354.52	160.81	\$2,700.00
77-0117-IB	6603-6505	52" Galv HE Mega Flow BF-1PH/60HZ-1.5-A	354.52	160.81	\$2,847.00
77-0127-IB	6603-6523	52" Galv HF Mega Flow BF-1PH/50HZ-1.5-A	355.02	161.03	\$2,847.00
77-0122-IB	6603-6503	52" Galv HF Mega Flow BF-1PH/60HZ-1.5-A	354.67	160.88	\$2,847.00
77-0129-IB	6603-6525	52" Galv HF Mega Flow BF-3PH/50HZ-1.0-A	348.64	158.14	\$2,847.00
77-0120-IB	6603-6511	52" Galv HF Mega Flow BF-3PH/60HZ-1.0-A	348.29	157.98	\$2,847.00
77-0126-IB	6603-6520	52" Galv S Mega Flow BF-1PH/50HZ-1.0-A	352.87	160.06	\$2,733.00
77-0118-IB	6603-6500	52" Galv S Mega Flow BF-1PH/60HZ-1.0-A	354.27	160.69	\$2,700.00
77-0124-IB	6603-6512	52" Galv S Mega Flow BF-3PH/60HZ-1.0-A	347.89	157.80	\$2,847.00

52" Mega Flow BF Fans w/Inlet Bell - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0134-IB	6603-1152	52" Galv HE Mega Flow BF-1PH/60HZ-1.0-K	354.44	160.77	\$2,700.00
77-0130-IB	6603-1148	52" Galv HE Mega Flow BF-1PH/60HZ-1.5-K	354.44	160.77	\$2,847.00
77-0133-IB	6603-1158	52" Galv HF Mega Flow BF-1PH/50HZ-1.5-K	353.15	160.19	\$2,847.00
77-0140-IB	6603-1153	52" Galv HF Mega Flow BF-1PH/60HZ-1.5-K	354.59	160.83	\$2,847.00
77-0139-IB	6603-1160	52" Galv HF Mega Flow BF-3PH/50HZ-1.0-K	348.55	158.10	\$2,847.00
77-0136-IB	6603-1151	52" Galv HF Mega Flow BF-3PH/60HZ-1.0-K	348.20	157.94	\$2,847.00
77-0132-IB	6603-1157	52" Galv S Mega Flow BF-1PH/50HZ-1.0-K	351.00	159.21	\$2,733.00
77-0131-IB	6603-1149	52" Galv S Mega Flow BF-1PH/60HZ-1.0-K	354.19	160.65	\$2,700.00
77-0141-IB	6603-1155	52" Galv S Mega Flow BF-3PH/60HZ-1.0-K	347.80	157.76	\$2,847.00

54" Mega Flow BF Fans w/Inlet Cage - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0149	G54CBF16GAU	54" Galv HE Mega Flow BF-1PH/60HZ-A	387.84	175.92	\$2,972.00
77-0150		54" Galv HE Mega Flow BF-1PH/60HZ-A	385.69	174.94	\$2,972.00
77-0151		54" Galv HE Mega Flow BF-1PH/60HZ-A	387.69	175.85	\$2,972.00
77-0153	G54CBF36GA	54" Galv HF Mega Flow BF-3PH/60HZ-A	382.58	173.53	\$3,030.00
77-0154	G54CBF36GAU	54" Galv HE Mega Flow BF-3PH/60HZ-A	382.83	173.65	\$3,030.00
77-0146	G54CBF16GAE	54" Galv S Mega Flow BF-1PH/60HZ-A	387.04	175.55	\$2,972.00
77-0147		54" Galv S Mega Flow BF-1PH/60HZ-A	387.34	175.69	\$2,972.00
77-0148		54" Galv S Mega Flow BF-1PH/60HZ-A	387.34	175.69	\$2,972.00
77-0143	G54CBF16GA	54" Galv HF Mega Flow BF-1PH/60HZ-A	387.09	175.58	\$2,942.00
77-0144		54" Galv HF Mega Flow BF-1PH/60HZ-A	387.09	175.58	\$2,972.00
77-0145		54" Galv HF Mega Flow BF-1PH/60HZ-A	387.04	175.55	\$2,972.00
77-0152	G54CBF36GAE	54" Galv S Mega Flow BF-3PH/60HZ-A	382.53	173.51	\$3,030.00

54" Mega Flow BF Fans w/Inlet Cage - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0156	XG54CBF16GA	54" Galv HF Mega Flow BF-1PH/60HZ-K	302.04	137.00	\$2,972.00
77-0157		54" Galv HF Mega Flow BF-1PH/60HZ-K	301.99	136.98	\$2,972.00
77-0161		54" Galv HE Mega Flow BF-1PH/60HZ-K	302.79	137.34	\$2,972.00
77-0162		54" Galv HE Mega Flow BF-1PH/60HZ-K	300.64	136.36	\$2,972.00
77-0163		54" Galv HE Mega Flow BF-1PH/60HZ-K	302.64	137.27	\$2,972.00
77-0165	XG54CBF36GA	54" Galv HF Mega Flow BF-3PH/60HZ-K	297.44	134.91	\$2,972.00
77-0166		54" Galv HE Mega Flow BF-3PH/60HZ-K	297.69	135.02	\$2,972.00
77-0155		54" Galv HF Mega Flow BF-1PH/60HZ-K	301.54	136.77	\$2,972.00
77-0158		54" Galv S Mega Flow BF-1PH/60HZ-K	301.99	136.98	\$2,972.00
77-0159		54" Galv S Mega Flow BF-1PH/60HZ-K	302.29	137.11	\$2,972.00
77-0160		54" Galv S Mega Flow BF-1PH/60HZ-K	302.29	137.11	\$2,972.00
77-0164		54" Galv S Mega Flow BF-3PH/60HZ-K	297.39	134.89	\$2,972.00

54" Mega Flow BF Fans w/Inlet Bell - Assembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0149-IB		54" Galv HE Mega Flow BF-1PH/60HZ-A	391.01	177.36	\$3,027.00
77-0150-IB		54" Galv HE Mega Flow BF-1PH/60HZ-A	388.86	176.38	\$3,027.00
77-0151-IB		54" Galv HE Mega Flow BF-1PH/60HZ-A	390.86	177.29	\$3,027.00
77-0153-IB	6603-7087	54" Galv HF Mega Flow BF-3PH/60HZ-A	385.76	174.97	\$3,087.00
77-0154-IB	6603-7089	54" Galv HE Mega Flow BF-3PH/60HZ-A	386.01	175.09	\$3,087.00
77-0143-IB	6603-7133	54" Galv HF Mega Flow BF-1PH/60HZ-A	390.26	177.02	\$2,995.00
77-0144-IB		54" Galv HF Mega Flow BF-1PH/60HZ-A	390.26	177.02	\$2,995.00
77-0145-IB		54" Galv HF Mega Flow BF-1PH/60HZ-A	390.21	177.00	\$3,027.00
77-0146-IB	6603-7088	54" Galv S Mega Flow BF-1PH/60HZ-A	390.21	177.00	\$3,027.00
77-0147-IB		54" Galv S Mega Flow BF-1PH/60HZ-A	390.51	177.13	\$3,027.00
77-0148-IB	6603-7132	54" Galv S Mega Flow BF-1PH/60HZ-A	390.51	177.13	\$3,027.00
77-0152-IB	6603-7086	54" Galv S Mega Flow BF-3PH/60HZ-A	385.71	174.95	\$3,087.00

54" Mega Flow BF Fans w/Inlet Bell - Unassembled

Part#	Previous Part#	Description	Lbs.	Kgs.	Price
77-0156-IB		54" Galv HF Mega Flow BF-1PH/60HZ-K	305.38	138.52	\$3,027.00
77-0157-IB		54" Galv HF Mega Flow BF-1PH/60HZ-K	305.34	138.49	\$3,027.00
77-0161-IB	6603-6565	54" Galv HE Mega Flow BF-1PH/60HZ-K	306.13	138.86	\$3,027.00
77-0162-IB		54" Galv HE Mega Flow BF-1PH/60HZ-K	303.99	137.88	\$3,027.00
77-0163-IB		54" Galv HE Mega Flow BF-1PH/60HZ-K	305.99	138.79	\$3,027.00
77-0165-IB	6603-6568	54" Galv HF Mega Flow BF-3PH/60HZ-K	300.78	136.43	\$3,041.00
77-0166-IB	6603-6569	54" Galv HE Mega Flow BF-3PH/60HZ-K	301.03	136.54	\$3,041.00
77-0155-IB	6603-6566	54" Galv HF Mega Flow BF-1PH/60HZ-K	304.88	138.29	\$3,027.00
77-0158-IB		54" Galv S Mega Flow BF-1PH/60HZ-K	305.34	138.49	\$3,027.00
77-0159-IB		54" Galv S Mega Flow BF-1PH/60HZ-K	305.63	138.63	\$3,027.00
77-0160-IB		54" Galv S Mega Flow BF-1PH/60HZ-K	305.63	138.63	\$3,027.00
77-0164-IB		54" Galv S Mega Flow BF-3PH/60HZ-K	300.74	136.41	\$3,041.00



Flush Mount Panel Fans

Part#	Description	Lbs.	Kgs.	Price
77-0174	54" PF Galv. HF Mega Flow BF-1PH/60HZ-A	312.98	141.96	\$2,530.00
77-0174-4	54" PF Galv. HF Mega Flow BF-1PH/60HZ-A - 4 Pack	1,251.86	567.83	\$10,106.00
77-0175	54" PF Galv. HE Mega Flow BF-1PH/60HZ-A	313.53	142.21	\$2,530.00

Performance and Technical Specification Data

36" Mega Flow Butterfly Fans

Model	Description	HP	RPM	.05 SP		.10 SP		.15 SP		Bess Lab
				CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	Test#
77-0100-IB	36" Galv. S Mega Flow BF-1PH/60HZ-.50-A	0.5	719	11,700	16.5	10,840	14.5			8265-C
77-0102-IB	36" Galv. S Mega Flow BF-3PH/60HZ-.75-NT-A	0.75	739	12,150	17.5	11,360	15.5	10,520	13.7	8266-C
77-0104-IB	36" Galv. HE Mega Flow BF-1PH/60HZ-.50-A	0.5	679	11,065	17.4	10,575	16.1			

50" Mega Flow Butterfly Fans

Model	Description	HP	RPM	.05 SP		.10 SP		.15 SP		Bess Lab
				CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	Test#
77-0110-IB	50" Galv. HE Mega Flow BF-1PH/60HZ-A	1.5	564	22,131	25.9	19,937	22.1	17,700	18.5	4310-C
77-0111-IB	50" Galv. HF Mega Flow BF-1PH/60HZ-A	1.5	637	25,427	21.5	23,603	18.9	21,600	16.4	4308-C
77-0109-IB	50" Galv. S Mega Flow BF-1PH/60HZ-A	1.5	595	23,524	24.0	21,800	20.8	19,400	17.7	4309-C

52" Mega Flow Butterfly Fans

Model	Description	HP	RPM	.05 SP		.10 SP		.15 SP		Bess Lab
				CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	Test#
77-0121-IB	52" Galv. HE Mega Flow BF-1PH/60HZ-1.0-A	1	598	26,000	24.2	24,000	21.0	21,300	17.5	5337-C
77-0117-IB	52" Galv. HE Mega Flow BF-1PH/60HZ-1.5-A	1.5	599	25,900	25.2	23,800	21.7	21,500	18.2	5340-C
77-0127-IB	52" Galv. HF Mega Flow BF-1PH/50HZ-1.5-A	1.5	639	27,700	21.7	25,900	19.1	23,700	16.5	5335-C
77-0122-IB	52" Galv. HF Mega Flow BF-1PH/60HZ-1.5-A	1.5	670	29,200	22.1	27,500	19.4	25,600	17.0	5338-C
77-0118-IB	52" Galv. S Mega Flow BF-1PH/60HZ-1.0-A	1	637	27,700	22.6	25,900	19.6	23,700	16.9	5336-C

54" Mega Flow Butterfly Fans

Model	Description	HP	RPM	.05 SP		.10 SP		.15 SP		Bess Lab
				CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	Test#
77-0149-IB	54" Galv. HE Mega Flow BF-1PH/60HZ-A	1.5	574	27,600	24.4	25,800	21.6	23,700	18.6	14183
77-0150-IB	54" Galv. HE Mega Flow BF-1PH/60HZ-A	1.5	558	26,700	24.4	24,900	21.6	22,500	18.6	14160
77-0151-IB	54" Galv. HE Mega Flow BF-1PH/60HZ-A	1.5	543	26,000	26.4	24,000	22.7	21,600	19.3	14172
77-0143-IB	54" Galv. HF Mega Flow BF-1PH/60HZ-A	1.5	640	30,800	20.5	29,300	18.4	27,500	16.4	14156
77-0144-IB	54" Galv. HF Mega Flow BF-1PH/60HZ-A	1.5	630	30,300	21.2	28,700	19.0	27,000	17.0	14157
77-0145-IB	54" Galv. HF Mega Flow BF-1PH/60HZ-A	1.5	618	29,700	21.9	28,000	19.5	26,200	17.4	14185
77-0146-IB	54" Galv. S Mega Flow BF-1PH/60HZ-A	1.5	611	29,500	22.5	27,800	20.0	25,800	17.6	14182
77-0147-IB	54" Galv. S Mega Flow BF-1PH/60HZ-A	1.5	591	28,400	23.5	26,600	20.7	24,600	18.0	14159
77-0148-IB	54" Galv. S Mega Flow BF-1PH/60HZ-A	1.5	581	27,900	24.1	26,100	21.2	24,100	18.7	14158

Prices and specifications are subject to change without notice.

August 05, 2024

Commander Series Fan Performance

24" Commander Fan with Cone

Speed	0.00"		0.05"		0.10"		0.15"		0.20"		0.25"		0.30"		0.40"		0.50"	
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
100%	11,070	8.7	10,890	8.4	10,730	8.0	10,530	7.6	10,350	7.5	10,180	7.1	10,000	6.8	9,560	6.3	9,060	5.9
90%	9,990	10.7	9,770	10.1	9,560	9.7	9,360	9.2	9,180	8.8	8,940	8.4	8,720	8.0	N/A	N/A	N/A	N/A
80%	8,860	13.4	8,620	12.5	8,410	11.9	8,170	11.2	7,930	10.6	7,650	10.0	7,360	9.4	N/A	N/A	N/A	N/A
70%	7,740	17.4	7,440	15.9	7,170	14.7	6,910	13.7	6,590	12.7	6,230	11.8	N/A	N/A	N/A	N/A	N/A	N/A
60%	6,560	22.5	6,250	20.2	5,940	18.5	5,550	16.5	4,970	14.8	2,720	9.0	N/A	N/A	N/A	N/A	N/A	N/A
50%	5,380	30.2	4,980	25.7	4,510	22.1	3,400	17.5	1,940	9.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40%	4160	38.9	3650	31.5	1830	16.9	1110	8.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33%	3270	51.2	1990	31.1	760	9.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

24" Commander Fan with Wind Deflector

Speed	0.00"		0.05"		0.10"		0.15"		0.20"		0.25"		0.30"		0.40"		0.50"	
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
100%	8,020	5.8	7,850	5.6	7,680	5.5	7,510	5.3	7,350	5.2	7,160	5.1	6,970	4.9	6,550	4.7	6,060	4.4
90%	7,580	6.5	7,380	6.3	7,210	6.1	7,020	6.0	6,830	5.8	6,630	5.6	6,420	5.5	N/A	N/A	N/A	N/A
80%	6,720	8.2	6,500	7.9	6,300	7.6	6,060	7.3	5,810	7.0	5,560	6.8	5,310	6.6	N/A	N/A	N/A	N/A
70%	5,850	10.7	5,600	10.2	5,350	9.7	5,070	9.3	4,750	8.7	4,410	8.3	N/A	N/A	N/A	N/A	N/A	N/A
60%	4,960	14.1	4,660	13.3	4,330	12.3	3,940	11.5	3,450	10.6	2,880	9.4	N/A	N/A	N/A	N/A	N/A	N/A
50%	4,020	19.0	3,670	17.4	3,220	15.9	2,600	14.0	1,310	6.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40%	3,110	27.3	2,650	23.2	1,920	18.2	1,320	11.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33%	2,460	35.1	1,710	24.8	940	13.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

24" Commander Fan without Cone

Speed	0.00"		0.05"		0.10"		0.15"		0.20"		0.25"		0.30"		0.40"		0.50"	
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
100%	9,880	7.3	9,700	7.0	9,520	6.8	9,350	6.6	9,140	6.4	8,920	6.1	8,700	6.0	8,180	5.6	7,470	5.2
90%	9,160	8.4	8,940	8.0	8,780	7.8	8,580	7.6	8,350	7.3	8,110	7.0	7,820	6.8	N/A	N/A	N/A	N/A
80%	8,110	10.6	7,890	10.1	7,660	9.7	7,420	9.3	7,130	8.8	6,770	8.4	6,400	7.9	N/A	N/A	N/A	N/A
70%	7,060	13.8	6,830	13.0	6,510	12.1	6,170	11.5	5,810	10.8	5,270	9.9	N/A	N/A	N/A	N/A	N/A	N/A
60%	6,010	18.1	5,690	16.6	5,320	15.5	4,820	14.1	4,060	12.2	2,530	8.0	N/A	N/A	N/A	N/A	N/A	N/A
50%	4,910	24.4	4,460	22.2	3,830	19.1	2,510	13.3	1,740	8.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40%	3,750	32.9	3,090	27.1	1,630	15.4	850	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33%	2,890	41.2	1,600	22.8	580	7.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

36" Commander Fan with Cone

Speed	0.05"		0.10"		0.15"		0.30"		AFR
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	
100%	16,650	12.5	16,030	11.6	15,610	11.1	13,770	9.4	0.91
90%	14,730	15.3	14,150	14.3	13,600	13.4	11,550	10.8	0.88
80%	12,960	19.1	12,330	17.5	11,660	16.1	8,420	11.5	0.84
70%	11,100	23.8	10,420	21.5	9,490	19.1	3,900	8.0	0.74
60%	9,110	30.4	8,080	25.5	6,560	20.8	N/A	N/A	0.45
50%	6,930	37.5	5,090	27.5	2,540	13.3	N/A	N/A	N/A

36" Commander Fan without Cone

Speed	0.00"		0.05"		0.10"		0.15"		0.20"		0.25"		0.30"	
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
100%	14,990	13.2	14,540	12.5	13,950	11.7	13,350	10.9	12,770	10.3	12,110	9.6	11,420	9.0
90%	13,440	16.8	12,820	15.4	12,140	14.2	11,450	13.1	10,620	12.0	9,910	11.1	8,950	10.0
80%	11,780	20.8	11,110	18.8	10,310	16.9	9,410	15.2	8,540	13.6	7,460	12.1	6,300	10.3
70%	10,150	26.1	9,300	22.9	8,250	19.8	7,270	17.2	6,050	14.5	4,830	11.7	3,330	8.0
60%	8,350	32.3	7,350	27.6	6,220	22.7	4,850	18.1	3,260	12.3	1,750	6.5	N/A	N/A
50%	6700	41.6	5380	31.9	3930	23.3	1870	11.7	N/A	N/A	N/A	N/A	N/A	N/A

54" Commander Fan with Cone

Speed	0.00"		0.05"		0.10"		0.15"		0.20"		0.25"		0.30"		0.35"		0.40"		0.45"		0.50"	
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
100%	35,200	17.9	33,900	16.5	32,700	15.4	31,500	14.3	30,300	13.4	28,800	12.3	27,100	11.3	25,300	10.4	23,300	9.5	20,600	8.3	15,900	6.6
HO	34,400	18.6	33,200	17.2	31,900	16.0	30,800	14.9	29,400	13.7	27,800	12.7	26,200	11.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
90%	31,700	22.1	30,500	20.3	29,200	18.6	27,800	17.0	26,200	15.5	24,300	14.0	21,900	12.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HR	30,700	23.4	29,500	21.6	28,100	19.6	26,600	17.9	24,900	16.1	22,800	14.3	20,400	12.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
80%	28,500	27.9	26,900	24.9	25,300	22.3	23,600	19.9	21,600	17.7	18,600	14.9	13,800	11.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HE	27,800	29.2	26,200	25.9	24,600	23.1	22,700	20.5	20,500	18.0	17,100	14.7	11,900	10.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
70%	24,600	35.9	22,900	31.1	20,900	26.8	18,300	22.6	14,800	18.1	8,900	10.6	5,600	6.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60%	20,800	47.2	18,800	39.1	16,000	31.6	10,500	20.9	6,000	11.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50%	17,000	62.1	13,900	45.8	8,200	26.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

54" Commander Fan without Cone

Speed	0.00"		0.05"		0.10"		0.15"		0.20"		0.25"		0.30"		0.35"		0.40"		0.45"		0.50"	
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
100%	30,500	15.5	29,500	14.6	28,600	13.9	27,300	13.0	26,100	12.2	24,700	11.4	23,100	10.5	21,600	9.7	19,400	8.7	16,200	7.1	12,300	5.3
HO	30,300	15.9	29,300	15.0	28,200	14.1	27,000	13.2	25,800	12.4	24,300	11.5	23,000	10.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
90%	27,700	18.7	26,600	17.4	25,400	16.2	24,100	15.1	22,700	13.9	21,100	12.7	18,900	11.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HR	27,000	20.0	25,800	18.6	24,500	17.2	23,100	15.8	21,400	14.5	19,600	13.1	17,200	11.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
80%	24,800	23.7	23,400	21.6	22,000	19.8	20,100	17.7	18,400	16.0	15,600	13.4	11,000	9.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HE	24,100	24.8	22,900	22.7	21,200	20.6	19,500	18.5	17,200	16.0	14,400	13.2	9,800	8.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
70%	21,400	30.9	19,900	27.6	17,900	24.1	15,200	20.1	11,900	15.2	7,900	9.7	4,800	5.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60%	18,000	41.1	15,700	33.9	12,800	26.9	8,800	17.6	5,000	9.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50%	15,000	52.6	11,800	39.5	8,000	25.2	4,000	12.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Commander Series Fans (0-10V)

Part#	Color	Size	PH	Cone	Description	Lbs.	Kgs.	Price
CMDR-24-NC-10-1	White	24"	1	No Cone	24" Commander HE Fan, No Cone, 0-10V Input, 1 PH	97.24	44.10	\$4,305.00
CMDR-24-PC-10-1				Poly	24" Commander HE Fan, Poly Cone, 0-10V Input, 1 PH	98.76	44.79	\$4,511.00
CMDR-24-NC-10-3			3	No Cone	24" Commander HE Fan, No Cone, 0-10V Input, 3 PH	95.49	43.31	\$4,112.00
CMDR-24-PC-10-3				Poly	24" Commander HE Fan, Poly Cone, 0-10V Input, 3 PH	97.01	44.00	\$4,311.00
CMDR-36-FC-10-1		36"	1	Fiberglass	36" Commander HE Fan, FG Cone, 0-10V Input, 1 PH	132.00	59.87	\$5,441.00
CMDR-36-PC-10-1				Poly	36" Commander HE Fan, Poly Cone, 0-10V Input, 1 PH	139.91	63.46	\$5,262.00
CMDR-36-NC-10-1				No Cone	36" Commander HE Fan, No Cone, 0-10V Input, 1 PH	130.99	59.42	\$4,959.00
CMDR-36-FC-10-3			3	Fiberglass	36" Commander HE Fan, FG Cone, 0-10V Input, 3 PH	130.25	59.08	\$5,218.00
CMDR-36-PC-10-3				Poly	36" Commander HE Fan, Poly Cone, 0-10V Input, 3 PH	138.16	62.67	\$4,942.00
CMDR-36-NC-10-3				No Cone	36" Commander HE Fan, No Cone, 0-10V Input, 3 PH	129.24	58.62	\$4,771.00
CMDR-54-FC-10-1		54"	1	Fiberglass	54" Commander HE Fan, FG Cone, 0-10V Input, 1 PH	225.12	102.11	\$6,821.00
CMDR-54-PC-10-1				Poly	54" Commander HE Fan, Poly Cone, 0-10V Input, 1 PH	216.45	98.18	\$6,624.00
CMDR-54-NC-10-1				No Cone	54" Commander HE Fan, No Cone, 0-10V Input, 1 PH	178.10	80.78	\$6,578.00
CMDR-54-FC-10-3			3	Fiberglass	54" Commander HE Fan, FG Cone, 0-10V Input, 3 PH	224.32	101.74	\$6,588.00
CMDR-54-PC-10-3				Poly	54" Commander HE Fan, Poly Cone, 0-10V Input, 3 PH	215.65	97.81	\$6,374.00
CMDR-54-NC-10-3				No Cone	54" Commander HE Fan, No Cone, 0-10V Input, 3 PH	177.30	80.42	\$6,465.00
CMDR-24-NC-10-1-BK	Black	24"	1	No Cone	24" Commander HE Fan, No Cone, 0-10V Input, 1 PH, Black	97.24	44.10	\$4,305.00
CMDR-24-NC-10-3-BK			3	No Cone	24" Commander HE Fan, No Cone, 0-10V Input, 3 PH, Black	95.49	43.31	\$4,112.00
CMDR-36-FC-10-1-BL		36"	1	Fiberglass	36" Commander HE Fan, FG Cone, 0-10V Input, 1 PH, Black	146.90	66.63	\$5,441.00
CMDR-36-PC-10-1-BK				Poly	36" Commander HE Fan, Poly Cone, 0-10V Input, 1 PH, Black	127.57	57.86	\$5,262.00
CMDR-36-FC-10-3-BL			3	Fiberglass	36" Commander HE Fan, FG Cone, 0-10V Input, 3 PH, Black	145.15	65.83	\$5,218.00
CMDR-36-PC-10-3-BK				Poly	36" Commander HE Fan, Poly Cone, 0-10V Input, 3 PH, Black	125.82	57.07	\$4,942.00
CMDR-54-FC-10-1-BL		54"	1	Fiberglass	54" Commander HE Fan, FG Cone, 0-10V Input, 1 PH, Black	267.58	121.37	\$6,821.00
CMDR-54-PC-10-1-BK				Poly	54" Commander HE Fan, Poly Cone, 0-10V Input, 1 PH, Black	211.21	95.80	\$6,624.00
CMDR-54-FC-10-3-BL			3	Fiberglass	54" Commander HE Fan, FG Cone, 0-10V Input, 3 PH, Black	266.78	121.00	\$6,588.00
CMDR-54-PC-10-3-BK				Poly	54" Commander HE Fan, Poly Cone, 0-10V Input, 3 PH, Black	210.41	95.44	\$6,374.00

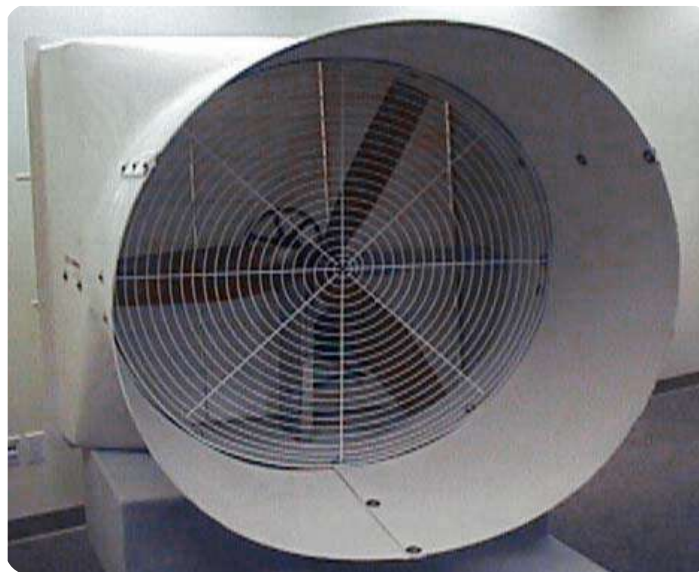
Commander Fan Pre-Programmed OptiSticks

Part#	Description	Lbs.	Kgs.	Price
15-0245	OptiStick, BlueTooth Drive Program Stick	0.25	0.11	\$321.00
15-0261	OptiStick, 36, 0-10V, V3.11 Revision 4	0.25	0.11	\$330.00
15-0262	OptiStick, 36, 10-0V, V3.11 Revision 4	0.25	0.11	\$330.00
15-0263	OptiStick, 36, EMMUL, V3.11 Revision 4	0.25	0.11	\$330.00
15-0264	OptiStick, 54, 0-10V, V3.11 Revision 4	0.25	0.11	\$330.00
15-0265	OrtiStick, 54, 10-0V, V3.11 Revision 4	0.25	0.11	\$330.00
15-0266	OptiStick, 54, EMMUL, V3.11 Revision 4	0.25	0.11	\$330.00
15-0272	OptiStick, 24, 0-10V, V3.11 Revision 2	0.25	0.11	\$330.00
15-0273	OptiStick, 24, 10-0V, V3.11 Revision 2	0.25	0.11	\$330.00
15-0278	OptiStick, 24, EMMUL, V3.11 Revision 2	0.25	0.11	\$330.00

Commander Fan Drives, Covers and Motors

Part#	Size	PH	Description	Lbs.	Kgs.	Price
15-0246	24" and 36"	1	Drive, PMAC, 2 HP, 200-240V, 1 PH, 7A, IP66	13.75	6.23	\$1,363.00
15-0249		3	Drive, PMAC, 2 HP, 200-240V, 3 PH, 7A, IP66	12.00	5.44	\$1,124.00
12-0839		All	Protective Cover for Drives 15-0246, 15-0249	0.92	0.41	\$33.00
15-0242			Motor, 1.5 HP, VFD Permanent Magnet	16.00	7.25	\$1,798.00
15-0271			Cover, Purple Size 1 E3 IP66/NEMA4X Non-Switched, for 15-0246 Drive	0.01	0.00	\$18.56
15-0247	54"	1	Drive, PMAC, 3 HP, 200-240V, 1 PH, 10.5A, IP66	12.80	5.80	\$1,771.00
15-0250		3	Drive, PMAC, 3 HP, 200-240V, 3 PH, 10.5A, IP66	12.00	5.44	\$1,483.00
12-0838		All	Protective Cover for Drives 15-0247, 15-0250	1.39	0.63	\$33.00
15-0239			Motor, 3 HP, VFD Permanent Magnet	44.00	19.95	\$2,562.00
15-0279			Cover, Purple Size 2 E3 IP66/NEMA4X Non-Switched, for 15-0247 Drive	0.01	0.00	\$25.00
15-0245	All		Optistick, Bluetooth Drive Program Stick	0.25	0.11	\$321.00
EDG-168*			Voltage Converter Assembly 0-10V to 0-5V	1.44	0.65	\$118.00
EDG-167			6.8 Kilo Ohm Resistor	0.50	0.22	\$49.00

*(1) - EDG-168 required per Commander fan to accurately monitor amp draw on EDGE controls.

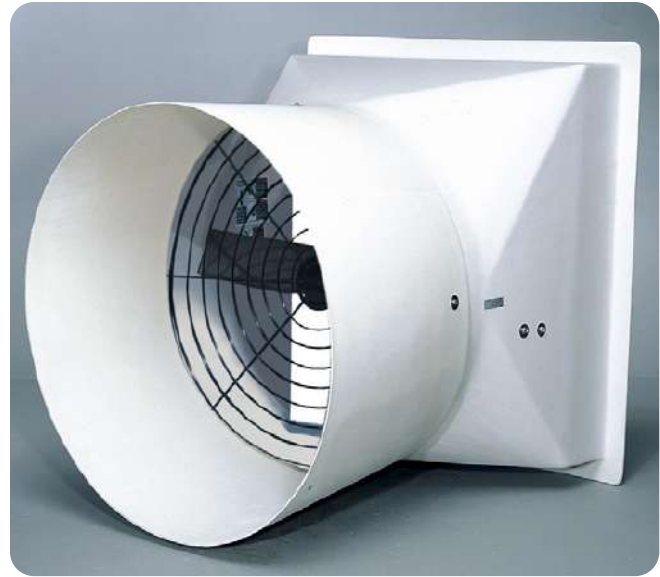


Competitor Series Belt Drive Fans

Part#	Color	PH	Cone	Description	Lbs.	Kgs.	Price
CS541-NC	White	1	None	54" Competitor Fan, No Cone, PVC Shutter, High Performance	171.14	77.63	\$3,244.00
CS54C1-P			Fiberglass	54" Competitor Fan, F/G Cone, PVC Shutter, High Performance	218.53	99.12	\$3,785.00
CS54C1-PQ3				Pallet of 3 CS54C1-P Fans	655.60	297.37	\$11,348.00
CS54C1-E			Poly	54" Competitor Fan, F/G Cone, PVC Shutter, High Efficiency	217.89	98.83	\$3,785.00
CS54C1-P-PC				54" Competitor Fan, Poly Cone, PVC Shutter, High Performance	209.54	95.04	\$3,587.00
CS54C1-P-PCQ3				Pallet of 3 CS54C1-P-PC Fans	628.62	285.14	\$10,750.00
CS54C1-E-PC		3	Fiberglass	54" Competitor Fan, Poly Cone, PVC Shutter, High Efficiency	208.90	94.75	\$3,587.00
CS543-NC				54" Competitor Fan, 3 PH, No Cone, PVC Shutter, High Performance	156.94	71.19	\$3,159.00
CS54C3-P				54" Competitor Fan, 3 PH, F/G Cone, PVC Shutter, High Performance	204.34	92.69	\$3,718.00
CS54C3-PQ3			Poly	Pallet of 3 CS54C3-P Fans	613.04	278.07	\$11,147.00
CS54C3-E				54" Competitor Fan, 3 PH, F/G Cone, PVC Shutter, High Efficiency	203.69	92.39	\$3,718.00
CS54C3-P-PC				54" Competitor Fan, 3 PH, Poly Cone, PVC Shutter, High Performance	195.35	88.60	\$3,519.00
CS54C3-E-PC	Black	1	Fiberglass	54" Competitor Fan, 3 PH, Poly Cone, PVC Shutter, High Efficiency	194.70	88.31	\$3,519.00
CS541-NC-BLK				54" Competitor Fan, Black, No Cone, PVC Shutter, High Performance	255.32	115.81	\$3,341.00
CS54C1-P-BLK				54" Competitor Fan, Black, F/G Cone, PVC Shutter, High Performance	330.62	149.96	\$3,862.00

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Performer Series Belt Drive Fans

Part#	Color	PH	Cone	Description	Lbs.	Kgs.	Price
APPB-36	White	1	None	36" Performer Fan, No Cone, PVC Shutter	138.76	62.94	\$2,179.00
APPB-36C			Fiberglass	36" Performer Fan, F/G Cone, PVC Shutter	158.78	72.02	\$2,702.00
APPB-50			None	50" Performer Fan, No Cone, PVC Shutter	219.43	99.53	\$2,605.00
APPB-50Q3				Pallet of 3 APPB-50 Fans	766.80	347.81	\$7,754.00
APPB-50C			Fiberglass	50" Performer Fan, F/G Cone, PVC Shutter	254.25	115.33	\$3,207.00
APPB-50CQ3				Pallet of 3 APPB-50C Fans	871.26	395.20	\$9,562.00
APPB-36-3		3	None	36" Performer Fan, 3 PH, No Cone, PVC Shutter	144.15	65.38	\$2,455.00
APPB-36C-3			Fiberglass	36" Performer Fan, 3 PH, F/G Cone, PVC Shutter	164.17	74.47	\$2,843.00
APPB-50-3			None	50" Performer Fan, 3 PH, No Cone, PVC Shutter	223.99	101.60	\$2,544.00
APPB-50-3Q3				Pallet of 3 APPB-50-3 Fans	671.97	304.80	\$7,561.00
APPB-50C-3			Fiberglass	50" Performer Fan, 3 PH, F/G Cone, PVC Shutter	258.81	117.39	\$3,146.00
APPB-50C-3Q3				Pallet of 3 APPB-50C-3 Fans	776.43	352.18	\$9,374.00
APPB-36-BLK	Black	1	None	36" Performer Fan, Black, No Cone, PVC Shutter	138.68	62.90	\$2,292.00
APPB-36C-BLK			Fiberglass	36" Performer Fan, Black, F/G Cone, PVC Shutter	173.68	78.77	\$2,819.00
APPB-50-BLK			None	50" Performer Fan, Black, No Cone, PVC Shutter	257.35	116.73	\$2,605.00
APPB-50-BLKQ				Pallet of 3 APPB-50-BLK Fans	772.07	350.20	\$7,754.00
APPB-50C-BLK			Fiberglass	50" Performer Fan, Black, F/G Cone, PVC Shutter	302.85	137.37	\$3,207.00
APPB-50C-BLKQ				Pallet of 3 APPB-50C-BLK Fans	908.57	412.12	\$9,562.00



White Performer Series Direct Drive Fans

Part#	Shutter	Size	Cone	Description	Lbs.	Kgs.	Price
APP-12F	PVC	12"	None	12" Performer Fan, No Cone, PVC Shutter	46.90	21.69	\$1,086.00
APP-14F		14"		14" Performer Fan, No Cone, PVC Shutter	48.49	21.99	\$1,114.00
APP-14FC		14"	Fiberglass	14" Performer Fan, F/G Cone, PVC Shutter	55.53	25.18	\$1,299.00
APP-18F			None	18" Performer Fan, No Cone, PVC Shutter	57.85	26.24	\$1,220.00
APP-18FC		18"	Fiberglass	18" Performer Fan, F/G Cone, PVC Shutter	65.99	29.93	\$1,454.00
APP-24F			None	24" Performer Fan, No Cone, PVC Shutter	78.65	35.67	\$1,357.00
APP-24FC		24"	Fiberglass	24" Performer Fan, F/G Cone, PVC Shutter	88.77	40.26	\$1,618.00
APP-36F			None	36" Performer Fan, No Cone, PVC Shutter	145.62	66.05	\$1,921.00
APP-36FC	None	36"	Fiberglass	36" Performer Fan, F/G Cone, PVC Shutter	165.64	75.13	\$2,427.00
APP-12FL		12"	None	12" Performer Fan, No Cone, No Shutter	39.57	17.94	\$913.00
APP-14FL		14"		14" Performer Fan, No Cone, No Shutter	44.69	20.27	\$1,005.00
APP-18FL		18"		18" Performer Fan, No Cone, No Shutter	51.59	23.40	\$1,114.00
APP-24FL		24"		24" Performer Fan, No Cone, No Shutter	69.21	31.39	\$1,232.00
APP-36FL		36"		36" Performer Fan, No Cone, No Shutter	132.53	60.11	\$1,817.00
APP-24FCL		24"	Fiberglass	24" Performer Fan, F/G Cone, No Shutter	79.33	35.98	\$1,494.00
APP-36FCL		36"		36" Performer Fan, F/G Cone, No Shutter	152.55	69.19	\$2,323.00

Black Performer Series Direct Drive Fans

Part#	Shutter	Size	Cone	Description	Lbs.	Kgs.	Price
APP-36F-BLK	PVC	36"	None	36" Performer Fan, Black, No Cone, PVC Shutter	145.54	66.02	\$2,010.00
APP-36FC-BLK			Fiberglass	36" Performer Fan, Black, F/G Cone, PVC Shutter	180.54	81.89	\$2,507.00



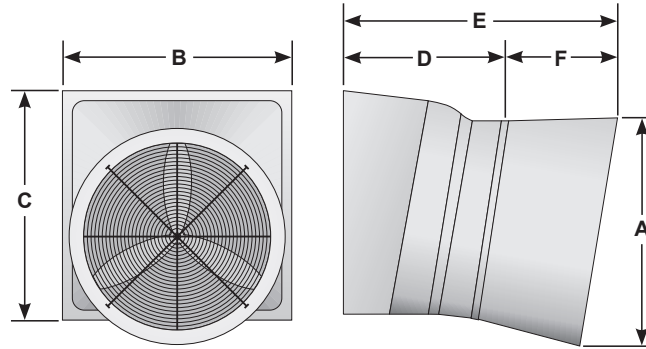
Competitor Series Direct Drive Fans

Part#	Color	Size	Cone	Description	Lbs.	Kgs.	Price
CS-12-DD-NC	White	12"	None	12" Competitor Fan, Direct Drive, No Cone, PVC Shutter	44.34	20.53	\$976.00
CS-14-DD-NC		14"		14" Competitor Fan, Direct Drive, No Cone, PVC Shutter	47.59	21.58	\$1,032.00
CS-14-DD-PC		14"	Poly	14" Competitor Fan, Direct Drive, Poly Cone, PVC Shutter	56.59	25.67	\$1,204.00
CS-18-DD-NC			None	18" Competitor Fan, Direct Drive, No Cone, PVC Shutter	56.88	25.80	\$1,130.00
CS-18-DD-PC		18"	Poly	18" Competitor Fan, Direct Drive, Poly Cone, PVC Shutter	65.98	29.92	\$1,312.00
CS-24-DD-NC-1			None	24" Competitor Fan, Direct Drive, No Cone, PVC Shutter	77.70	35.24	\$1,189.00
CS-24-DD-PC-1		24"	Poly	24" Competitor Fan, Direct Drive, Poly Cone, PVC Shutter	94.33	42.79	\$1,417.00
CS-36-DD-NC-1-W			None	36" Competitor Fan, Direct Drive, No Cone, PVC Shutter	151.34	68.64	\$1,878.00
CS-36-DD-PC-1-W	Black	36"	Poly	36" Competitor Fan, Direct Drive, Poly Cone, PVC Shutter	160.68	72.88	\$2,373.00
CS-36-DD-NC-1-BLK			None	36" Competitor Fan, Direct Drive, No Cone, PVC Shutter, Black	151.26	68.61	\$2,023.00
CS-36-DD-PC-1-BLK			Poly	36" Competitor Fan, Direct Drive, Poly Cone, PVC Shutter, Black	148.33	67.28	\$2,450.00

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Performer and Competitor Series Belt Drive Fans



Fan Dimensions

Fan	Rough Opening (W x H)	Cone Dia. (A)	Width (B)	Height (C)	Length Less Cone (D)	Length w/Cone (E)	Cone Length (F)
APPB-36	44-1/2" x 44-1/2"	43.63"	47.60"	47.60"	27-3/4"	54"	25-3/4"
APPB-50	56" x 56"	55.58"	59.40"	59.40"	34.85"	58-1/2"	23.65"
CS54	58" x 60-1/2"	64-3/4"	62"	64"	27"	57-1/2"	30-1/2"

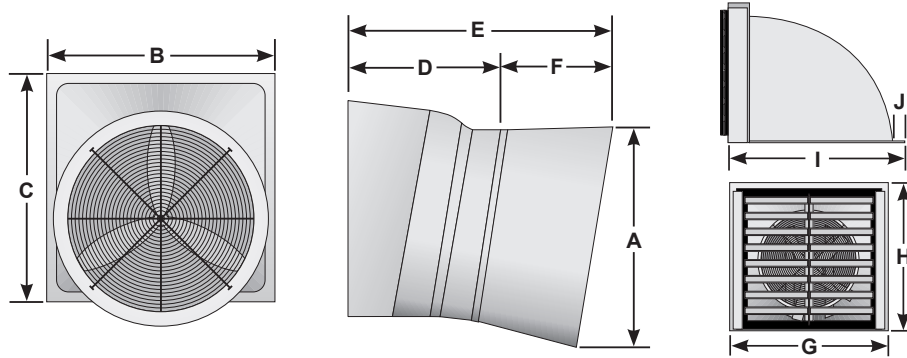
Performer and Competitor Series Fan Performance

Fan	0.05"		0.10"		0.15"		0.20"		Air Flow Ratio (AFR)
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	
APPB-36	10,300	15.0	9,390	13.0	8,330	11.5	7,130	9.7	0.69
APPB-36C	11,310	19.6	10,360	17.1	9,220	14.8	7,710	11.9	0.68
APPB-36HP	14,030	11.1	13,400	10.4	12,760	9.7	12,010	8.9	0.86
APPB-36CHP	15,200	12.8	14,570	11.9	13,830	11.0	13,090	10.1	0.86
APPB-50C	23,200	22.7	21,600	20.5	19,200	17.7	17,400	15.6	0.75
CS541-NC	25,700	17.4	24,100	15.9	22,400	14.6	20,400	13.1	0.79
CS54C1-P	30,000	20.2	28,200	18.3	26,300	16.5	23,900	14.7	0.80
CS54C1-E	24,200	27.3	21,700	23.5	18,900	19.8	15,000	15.4	0.62
CS543-NC	25,500	17.0	23,900	15.6	22,200	14.3	20,100	12.8	0.79
CS54C3-P	30,500	19.8	28,500	17.8	26,700	16.0	24,300	14.2	0.80

Performer and Competitor Series Fan Technical Data

Fan	Motor Part#	Drive	Speed	HP	PH	Voltage	Frequency	Full Load Amps	Motor RPM
APPB-36	15-0032	Belt	Single	1/2	1	115/230	60	6.4/3.2	1,725
APPB-36HP	15-0212	Belt	Single	1-1/2	1	115/230	50/60	13.4/6.7	1,725
APPB-50	15-0029	Belt	Single	1-1/3	1	115/230	60	12.4/6.2	1,725
APPB-50-3	15-0084	Belt	Single	1	3	208-230/380-460	50/60	2.6-2.7/1.4	1,725
CS541	3017-3101	Belt	Single	1-1/2	1	208-230	50/60	7.2-6.5	1,725
CS543	15-0200	Belt	Single	1-1/2	3	208-230/460	50/60	4.9-5.0/3.0	1,725

Performer and Competitor Series Direct Drive Fans



Fan Dimensions

Fan	Rough Opening (W x H)	Cone Dia. (A)	Width (B)	Height (C)	Length Less Cone (D)	Length w/Cone (E)	Cone Length (F)
APP-12F	17.0" x 17.0"	N/A	20.14"	19.86"	25.50"	N/A	N/A
APP-14F	20.0" x 20.0"	20.50"	22.25"	22.50"	21.87"	43.12"	20.75"
APP-18F	25.5" x 26.0"	25.25"	28.50"	28.64"	22.75"	45.00"	21.75"
APP-24F	34.5" x 34.5"	30.05"	37.63"	37.63"	21.37"	43.12"	21.25"
APP-36F	44.5" x 44.5"	43.63"	47.60"	47.60"	27.75"	54.00"	25.75"
CS-12-DD	17.0" x 17.0"	N/A	20.14"	19.86"	25.50"	N/A	N/A
CS-14-DD	20.0" x 20.0"	20.50"	22.25"	22.50"	21.87"	43.12"	20.75"
CS-18-DD	25.5" x 26.0"	25.25"	28.50"	28.64"	22.75"	45.00"	21.75"
CS-24-DD	34.5" x 34.5"	29.68"	37.63"	37.63"	21.37"	43.12"	21.25"
CS-36-DD	44.5" x 44.5"	43.63"	47.60"	47.60"	27.75"	54.00"	25.75"
CMDR-24	34.5" x 34.5"	30.05"	37.63"	37.63"	21.37"	43.12"	21.25"
CMDR-36	44.5" x 44.5"	43.63"	47.60"	47.60"	27.75"	54.00"	25.75"
CMDR-54	58.0" x 60.5"	64.75"	62.00"	64.00"	27.00"	57.50"	30.50"

Fan	Rough Opening (W x H)	Width (G)	Height (H)	Base Depth (I)	Flange Ext. (J)
APP-18PF90	31.5" x 31.5"	37.00"	35.31"	39.41"	1.66"
APP-24PF90	31.5" x 31.5"	37.00"	35.31"	39.41"	1.66"
CS24PF90	31.5" x 31.5"	37.00"	35.31"	39.41"	1.66"

Performer and Competitor Series Fan Performance

Fan	0.05"		0.10"		0.15"		0.20"		Air Flow Ratio (AFR)
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	
APP-12F	1,330	7.8	1,220	7.0	1,090	6.1	850	5.1	0.64
APP-14F	2,390	7.3	2,270	7.0	2,150	6.5	2,000	6.1	0.84
APP-14FC	2,710	9.0	2,610	8.5	2,500	8.0	2,370	7.4	0.87
APP-18F	4,180	9.0	3,960	8.5	3,790	8.0	3,570	7.5	0.85
APP-18FC	4,890	11.0	4,720	10.6	4,470	9.7	4,250	9.0	0.87
APP-24F	5,930	13.3	5,460	12.1	4,990	11.0	4,500	9.8	0.76
APP-24FC	7,010	16.7	6,550	15.0	6,090	13.6	5,550	12.3	0.79
APP-36F	10,300	15.0	9,390	13.0	8,330	11.5	7,130	9.7	0.69
APP-36FC	11,310	19.6	10,360	17.1	9,220	14.8	7,710	11.9	0.68
CS-12-DD-NC	1,260	7.1	1,160	6.5	1,010	5.7	400	2.3	0.32
CS-14-DD-NC	2,270	6.8	2,180	6.5	2,060	6.1	1,870	5.6	0.82
CS-14-DD-PC	2,530	8.4	2,420	7.9	2,310	7.3	2,190	6.9	0.87
CS-18-DD-NC	4,290	8.1	4,110	7.8	3,910	7.4	3,680	7.1	0.86
CS-18-DD-PC	5,130	10.2	4,940	9.7	4,750	9.1	4,530	8.6	0.88
CS-24-DD-NC	5,520	11.7	5,010	10.9	4,410	9.8	3,810	8.6	0.69
CS-24-DD-PC	6,570	14.0	6,090	12.8	5,550	11.6	4,710	10.4	0.72
CS-36-DD-NC	11,000	15.5	10,220	14.2	9,340	12.9	8,250	11.5	0.75
CS-36-DD-PC	12,180	17.9	11,400	16.3	10,530	14.7	9,540	13.2	0.78

All fan performance numbers based on 60Hz operation.

NOTE: AFR is calculated as the CFM at 0.20" divided by the CFM at 0.05". Fans with higher AFR's will perform better under higher static pressures.

Prices and specifications are subject to change without notice.

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Performer and Competitor Series Direct Drive Fans (Contd.)

Performer and Competitor Series Fan Technical Data

Fan	Motor Part#	Drive	Speed	HP	PH	Voltage	Frequency	Full Load Amps	Motor RPM
APP-12F	15-0109	Direct	Variable	1/4	1	115/230	50/60	4.0/2.0	1,725
APP-14F	15-0109	Direct	Variable	1/4	1	115/230	50/60	4.0/2.0	1,725
APP-18F	15-0110	Direct	Variable	1/3	1	115/230	50/60	4.0/2.0	1,725
APP-24F	15-0105	Direct	Variable	1/3	1	115/230	50/60	3.5/1.8	1,100
APP-36F	15-0116	Direct	Single	1/2	1	115/230	50/60	6.3/3.2	900
CS-12-DD	15-0109	Direct	Variable	1/4	1	115/230	50/60	4.0/2.0	1,725
CS-14-DD	15-0109	Direct	Variable	1/4	1	115/230	50/60	4.0/2.0	1,725
CS-18-DD	15-0110	Direct	Variable	1/3	1	115/230	50/60	4.0/2.0	1,725
CS-24-DD	15-0105	Direct	Variable	1/3	1	115/230	50/60	3.5/1.8	1,100
CS-36-DD	15-0116	Direct	Single	1/2	1	115/230	50/60	6.3/3.2	900
APP-18PF90	15-0110	Direct	Variable	1/3	1	115/230	50/60	4.0/2.0	1,725
APP-24PF90	15-0105	Direct	Variable	1/3	1	115/230	50/60	3.5/1.8	1,100
CS24PF90	15-0083	Direct	Variable	1/3	1	115/230	50/60	2.3/1.2	1,100



Direct Drive Galvanized Box

Part#	Description	Lbs.	Kgs.	Price
GBD3614-HH	36" Galvanized Direct Drive Box Fan, 115/230V, 1 PH, 60Hz - 1/2 HP	102.68	47.87	\$846.00
GBD36146Q	36" Galvanized Direct Drive Box Fan, 115/230V, 1 PH, 60Hz - 1/2 HP - Pallet of 6	616.12	287.25	\$4,940.00

Belt Drive Galvanized Box

Part#	Description	Lbs.	Kgs.	Price
GBB3614-HH	36" Galvanized Belt Drive Box Fan, 115/230V, 1 PH, 60Hz - 1/2 HP	111.63	50.63	\$1,254.00
GBB3614-3-HH	36" Galvanized Belt Drive Box Fan, 240/480V, 3 PH - 1/2 HP	112.85	51.19	\$1,459.00
G50BL16GA	50" Galvanized Belt Drive Box Fan	209.75	95.14	\$1,732.00
G50BL16GAQ	50" Galvanized Belt Drive Box Fan - Pallet of 6	1,359.51	616.66	\$10,330.00
G50BL16GA-6	50" Galvanized Belt Drive Box Fan, 1 HP, 1 PH, 60Hz, Low RPM Fan - 6 Blade	220.68	100.09	\$1,810.00

Bulk Direct Drive Fan Motors

Part#	Description	Lbs.	Kgs.	Price
15-0082-18	Motor, 1/2 HP, 850 RPM, 1 PH, 60Hz, 115/230V - Pallet of 18	432.00	195.95	\$5,839.00
15-0112-18	Motor, 1-1/2 HP, 850 RPM, 1 PH, 60Hz, 115/230V - Pallet of 18	756.00	342.91	\$14,246.00

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Prices and specifications are subject to change without notice.

Replacement Parts for Galvanized Box Fans

Part#	Description	Lbs.	Kgs.	Price
15-0032	1/2 HP, 1725 RPM, 1 PH, 1 SPD, 115/230V EE Motor	24.00	10.88	\$474.00
15-0029	1 HP, 1725 RPM, 1 PH, 1 SPD, 115/230V EE Motor	40.00	18.14	\$510.00
15-0084	1 HP, 1725 RPM, 3 PH, 1 SPD, 240/480V EE Motor	42.00	19.05	\$683.00
15-0212	Motor, 1-1/2 HP, 50/60Hz, 115/230V, 6.7/13.4A, 1425/1725 RPM	42.00	19.05	\$711.00
3017-3101**	Motor, 1-1/2 HP, 1 PH, 1725 RPM, 115/208-230V, 50/60Hz	40.00	18.14	\$712.00
13-0100R	Prop, 36" Galvanized 3 Blade	5.50	2.49	\$92.00
13-0103RS	Prop, 50" Galvanized Belt Drive, 3 Blade	12.00	5.44	\$187.00
13-0131	Prop, 50" Galvanized Belt Drive Slow Speed, 6 Blade	24.00	10.88	\$447.00
16-0045	Shaft, Cold Rolled, 1" x 10-5/8"	1.22	0.55	\$57.00
16-0057	Shaft, Cold Rolled, 1" x 11-1/2"	2.72	1.23	\$40.00
16-0014	Driven Sheave, 36" Fans - AL74 x 1"	3.00	1.36	\$82.00
16-0016	Driver Sheave, 36" & 48" Fans - AK34 x 5/8"	1.65	0.74	\$46.00
12-0493	Drive Sheave, 48" Fans - AFD 9.93" - 1"	1.50	0.68	\$65.00
017-1477-3	Drive Sheave, AK25-5/8", F/low Speed Fan	1.50	0.68	\$22.00
MHC03267	Belt, A-39, V-Belt	0.25	0.11	\$11.00
16-0087	Shaft, 1" x 14-1/2", Dual-Keyed	3.60	1.63	\$48.00
16-0065	Belt, A-58 V-Belt, 60" Nominal Length	0.75	0.34	\$28.00
16-0088	Belt, A-46 V-Belt, 48" Nominal Length	0.75	0.34	\$18.18
91-0057	Tensioner, Rotary Assembly with Splash Guards	1.50	0.68	\$90.00

* Used in Boss and 50" CBF Fans.

** Used in 54" SCL & CBF Fans.

Galvanized Box Fan Performance Chart

Fan Performance										
	RPM	HP	Voltage	STATIC PRESSURE						TEST#
				0.0-SP	CFM/Watt	.05-SP	CFM/watt	.10-SP	CFM/Watt	
DIRECT DRIVE MODELS										
GBD3614-HH	850	0	115/230	10950	19	10280	18	9560	16	94131
GBD3619-HH	850	0	115/230	11010	21	10290	18	9580	17	94148
BELT DRIVE MODELS										
GBB3614-HH	850	0	115/230	10171	20	9615	18	8969	16	128
G50BL16GA	585	1	115/230	20861	21	19486	19	18071	17	94276

*3 PH and 50Hz motors available on all models except direct drive 50".

Galvanized Fan Rough In Openings

These are the 'Exact Sizes' including the protruding screw heads for the fans. They 'DO NOT' include any extra clearance for installation. Any extra clearance should be added as desired to these numbers for frame size openings.

36" Galv. Box Fan	40-15/16" Wide x 40-1/2" Tall
50" Galv. Box and "CBF Cone" Fan	55-3/8" Wide x 55-1/4" Tall



Belt Drive Galvanized Slant Wall

Part#	Description	Lbs.	Kgs.	Price
CGSB36	36" Galvanized Slant Wall Belt Drive Fan	160.66	72.87	\$1,446.00
CGSB36Q	36" Galvanized Slant Wall Belt Drive Fan - Pallet of 8	1,504.14	682.26	\$11,661.00
G50SL16GA	50" Galvanized Slant Wall Belt Drive Fan	271.28	123.05	\$2,068.00
G50SL16GAQ	50" Galvanized Slant Wall Belt Drive Fan - Pallet of 4	1,264.20	573.43	\$8,347.00

Belt Drive Galvanized Slant Wall Cone

Part#	Description	Lbs.	Kgs.	Price
CGSBC36	36" Galvanized Slant Wall Belt Drive Cone Fan	185.50	84.14	\$1,780.00
CGSBC36Q	36" Galvanized Slant Wall Belt Drive Cone Fan - Pallet of 8	1,702.85	772.40	\$14,079.00
6603-10003	36" Galvanized Slant Wall Belt Drive Cone Fan	225.17	102.13	\$1,607.00
6603-10003Q2	36" Galvanized Slant Wall Belt Drive Cone Fan - Pallet of 2	450.35	204.27	\$3,209.00
6603-10002	48" Galvanized Slant Wall Belt Drive Cone Fan	302.71	137.30	\$2,028.00
6603-10002Q2	48" Galvanized Slant Wall Belt Drive Cone Fan - Pallet of 2	605.42	274.61	\$4,050.00
G50SCL16GA	50" Galvanized Slant Wall Belt Drive Cone Fan - 60Hz	310.73	140.94	\$2,483.00
G50SCL36GA	50" Galvanized Slant Wall Belt Drive Cone Fan, 3 PH, 60Hz	309.78	140.51	\$2,530.00
G50SCL16GAQ	50" Galvanized Slant Wall Belt Drive Cone Fan - 60Hz - Pallet of 5	1,789.07	811.50	\$12,406.00
G54SCL16GA	54" Galvanized Slant Wall Belt Drive Cone Fan, 1 PH, 60Hz	289.75	131.42	\$2,714.00
G54SCL16GAHF	54" Galvanized Slant Wall Belt Drive Cone Fan, Hi Flo, 1 PH, 60Hz	291.10	132.04	\$2,738.00
G54SCL16GAFAQ	54" Galvanized Slant Wall Belt Drive Cone Fan, Hi Flo, 1 PH, 60Hz - Pallet of 4	1,164.40	528.16	\$10,888.00
G54SCL16GAQ	54" Galvanized Slant Wall Belt Drive Cone Fan, 1 PH, 60Hz - Pallet of 4	1,159.00	525.71	\$10,808.00
6603-10000Q1	54" Galvanized Slant Wall Belt Drive Cone Fan	369.38	167.54	\$2,657.00
6603-10000Q2	54" Galvanized Slant Wall Belt Drive Cone Fan - Pallet of 2	738.76	335.09	\$5,310.00

Bulk Belt Drive Fan Motors

Part#	Description	Lbs.	Kgs.	Price
15-0029-18	APPB-50 Motor, 1-1/3 HP, 1725 RPM, 1 PH, 115/230V - Pallet of 18	720.00	326.58	\$7,962.00
15-0032-18	Motor, 1/2 HP, 1725 RPM, 1 PH, 60Hz, 115/230V - Pallet of 18	432.00	195.95	\$7,540.00
15-0212-18	APPB-36 Motor, 1-1/2 HP, 1725 RPM, 1 PH, 115/230V - Pallet of 18	756.00	342.91	\$11,339.00
15-0232-18	Motor, 1-1/2 HP, 1750/1450 RPM, 50/60Hz, 208-230V - Pallet of 18	738.00	334.75	\$10,893.00
3017-3101-18	CS541 Motor, 1-1/2 HP, 1725 RPM, 1 PH, 208-230V - Pallet of 18	720.00	326.58	\$11,024.00

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Galvanized Slant Wall Fan Performance Chart

Fan Performance										
	RPM	HP	Voltage	STATIC PRESSURE						TEST#
				0.0-SP	CFM/Watt	.05-SP	CFM/watt	.10-SP	CFM/Watt	
DIRECT DRIVE MODELS										
CGSD36	850	0	115/230	10417	18	9747	16	9105	14	94-0015
BELT DRIVE MODELS										
CGSB36	850	0	115/230	10578	19	9984	17	9379	16	98273
G50SL16GA	585	1	115/230	22373	19	21042	17	19595	16	98283
CONE FANS										
CGSBC36	850	0	115/230	11341	21	10653	18	9898	16	98275
CGSDC36	850	0	115/230	11272	22	10519	19	9760	17	98-0086
G50SCL16GA	599	1	115/230	24700	23	23100	20	21500	18	3168
G54SCL16GA	522	2	115/230	28900	27	26700	24	24300	20	
G54SCL16GAHF	568	2	115/230	31250	23	29500	21	27400	18	

*3 PH and 50Hz motors available on all models except direct drive 50".

Galvanized Slant Wall Fan Rough In Openings

These are the 'Exact Sizes' including the protruding screw heads for the fans. They 'DO NOT' include any extra clearance for installation. Any extra clearance should be added as desired to these numbers for frame size openings.

36" Galv. Slant Fan	40-15/16" Wide x 42-5/16" Tall
36" Galv. Slant Cone Fan	40-15/16" Wide x 42-5/16" Tall
50" Galv. SlantWall and "SCL Cone" Fan	55-3/8" Wide x 57-1/2" Tall
54" Galv. Slant Wall (SCL) Cone Fan	61-3/4" Wide x 63-3/4" Tall

All of the above slant fans have a flat "step" at the flange and then begin to drop at 15°, "except" for the 36" cone fan, which begins the 15° drop right at the flange. Its horizontal mounting materials should also be tilted to 15°.

Fan / Shutter Reference Chart

FAN SELECTION	SHUTTER REFERENCE
50" Slant Wall with or without Cone	PS57C-ET
36" Slant Wall with or without Cone	GS-39, PSG2-39, HD39
50" Fiberglass Fans	PSG2-54
50" Fiberglass Fan with Cone	PSG2-54
52" Fiberglass Fans	PS57C-ET
54" Slant Wall Galv. Cone Fan	PS-60-ET, GS-60, GS-62

Galvanized Shutter Dimensions

PART#	ROUGH OPENING
GS-36	36-5/8" x 36-5/8"
GS-39	39-5/8" x 39-5/8"
GS-51	51-5/8" x 51-5/8"
GS-54	54-5/8" x 54-5/8"

SHUTTER PARTS REFERENCE

PRIOR TO AUGUST 2006

1. SHUTTER ROD

- A. 20-0073 3" SS shutter rod with 90° bend on one end.
- B. 20-0068 11" SS shutter rod with 90° bend on one end.
- C. 20-0078 24" SS shutter rod with 90° bend on one end.
- D. 20-0105 40" SS shutter rod with 90° bend on one end.
- E. 20-0106 54" SS shutter rod with 90° bend on one end.
- F. 20-0267 60" SS shutter rod with 90° bend on one end.

2. SHUTTER BLADE

- A. 20-0001-9 3-1/2" Shutter Blade 9'
- B. 20-0104-9 4-1/4" Shutter Blade 9'

AUGUST 2006 TO JUNE 2013

"C" STYLE SHUTTERS

1. SHUTTER ROD

- A. 20-6093 SS Shutter Rod 5'

2. SHUTTER BLADE

- A. 20-6095 3-1/4" White Shutter Blade 10'
- B. 20-6096 3-1/4" Black Shutter Blade 10'
- C. 20-6103 Bushing for "C" Style Shutters

JUNE 2013 TO 2023

"CPS" STYLE SHUTTERS

1. SHUTTER ROD

- A. 20-7013 Fiberglass 1/4" x 110"

2. SHUTTER BLADE

- A. 20-7012 4" White Shutter Blade 109"
- B. 20-7014 4" Black Shutter blade 109"

3. ECO TIGHT SHUTTER REPLACEMENT

- A. AP-5992-1 Shutter Blade, Eco Tight Shutters, 7' Long
- B. AP-5993-1 Shutter FG Rod, Eco Tight Shutters, 10' Long

2024 TO PRESENT

GENERATION 2 SHUTTERS (GRAY)

1. SHUTTER BLADE

- A. 20-7023 Generation 2 Shutter Blade Replacement 10' Long

2. SHUTTER PIN

- A. PSG2-PR Generation 2 Shutter Pin Repair Kit

TURN BUTTONS

- 1. 10-0040-A Shutter Mount Hardware Turn Buttons for 36" and Larger Fans
- 2. 10-0097-A Shutter Mount Hardware Turn Buttons for 24" and Smaller Fans
- 3. 10-0105-A Shutter Mount Hardware Turn Buttons for 36" and Larger Fans (SS)
- 4. 91-0043-A Turn Button Kit - Package of 4
- 5. 91-0044-A Turn Button Kit - Package of 8

Generation 2 PVC Shutter Dimensions

Part#	Description	Actual Dimensions (W x H)	Flange (All 4 Sides)
PS-10C-ET	Shutter, PVC 10"	9-7/8" x 9-7/8"	1.181"
PSG2-15	Shutter, PVC 15"	15-1/8" x 15-7/8"	1.181"
PS15SC-ET	Shutter, PVC 15" for APP-12	15-1/8" x 16-1/8"	1.181"
PSG2-18	Shutter, PVC 18"	18-1/8" x 18-1/8"	1.181"
PS-24-GP24C-ET	Shutter, PVC for GP Fans	24-5/8" x 24-5/8"	1.181"
PSG2-24C1	Shutter, PVC 24"	23-7/8" x 23-11/16"	1.181"
6611-0109-ET	Shutter, PVC FF24	27-1/2" x 27-1/2"	1.181"
PS-26C-ET	Shutter, PVC 26" GP	25-7/8" x 25-7/8"	1.181"
PSG2-32	Shutter, PVC 32"	32-1/2" x 32-1/2"	1.181"
PS-34C-ET	Shutter, PVC 34"	34-1/2" x 34-1/2"	1.181"
PS-36C-ET	Shutter, PVC 36" GP and MXB	36-3/8" x 36-3/8"	1.181"
PSG2-39	Shutter, PVC 39"	39-1/2" x 39-1/2"	1.181"
PS-41C-ET	Shutter, PVC 41"	41-5/8" x 41-5/8"	1.181"
PSG2-42	Shutter, PVC 42"	42" x 42"	1.181"
PSG2-51	Shutter, PVC 51"	51-1/8" x 51-1/8"	1.181"
PS-60-ET	Shutter, PVC 54"	51-1/2" x 61-1/2"	1.181"
PS57C-ET	Shutter, PVC 57"	54" x 57"	1.181"
PSG2-59	Shutter, PVC 59"	56-5/8" x 59-1/4"	1.181"
PSG26611-8000	Shutter, PVC 41" MF36, C-Style	41-5/8" x 42-5/8"	1.181"
C6611-8004-ET	Shutter, PVC 41" FF36, C-Style	41-1/2" x 41-1/2"	1.181"
C6611-8001-ET	Shutter, PVC MF48, C-Style	53-5/8" x 54-3/16"	1.181"
C6611-5022-ET	Shutter, PVC FF48, C-Style	54" x 54-3/16"	1.181"
PSG2-54	Shutter, PVC, 54" C-Style	53-3/8" x 53-3/8"	1.181"
PSG26611-9010	Shutter, PVC 56" MF52, C-Style	55-3/4" x 56-1/4"	1.181"
PSG26611-8006	Shutter, PVC 59" MF54, C-Style	59-5/8" x 60-1/4"	1.181"

Aluminum Shutter Dimensions

Part#	Description	Shutter		Flange	
		Height	Width	Height	Width
HD15	Shutter, 15" Aluminum	15"	15"	18"	18"
HD18	Shutter, 18" Aluminum	18"	18"	21"	21"
HD21	Shutter, 21" Aluminum	21"	21"	24"	24"
HD24	Shutter, 24" Aluminum	24"	24"	27"	27"
HD27	Shutter, 27" Aluminum	27"	27"	30"	30"
HD30	Shutter, 30" Aluminum	30"	30"	33"	33"
HD33	Shutter, 33" Aluminum	32"	32"	35"	35"
HD33-APP24	Shutter, 33" Aluminum for APP24	32"	32"	35"	35"
HD36	Shutter, 36" Aluminum	36"	36"	39"	39"
HD39	Shutter, 39" Aluminum	39"	39"	42"	42"
HD42	Shutter, 42" Aluminum	41-1/2"	41-3/4"	44-1/2"	44-3/4"
HD48	Shutter, 48" Aluminum	48"	48"	51"	51"
HD51	Shutter, 51" Aluminum	51"	51"	54"	54"
HD54	Shutter, 54" Aluminum for 50" Galvanized Fans	53-1/2"	53-1/2"	56-1/2"	56-1/2"
HD54-F	Shutter, 53-1/2" Aluminum for APPB-50 Fiberglass Fans	53"	53"	56"	56"
HD59	Shutter, 62" x 59-1/2" Aluminum for 54" Fiberglass Fans	56-1/2"	59"	59-1/2"	62"

NOTE: The flange dimension is 1-1/2" all the way around. All dimensions are +/- 0.0625" manufacturing tolerance.



Shutters

Part#	Description	Lbs.	Kgs.	Price
PS-10C-ET	Shutter, PVC 10"	1.50	0.68	\$201.00
PSG2-15	Shutter, PVC 15"	2.97	1.35	\$107.00
PS15SC-ET	Shutter, PVC 15" for APP-12	3.70	1.67	\$204.00
PSG2-18	Shutter, PVC 18"	3.63	1.65	\$147.00
PS-24-GP24C-ET	Shutter, PVC for GP Fans	2.00	0.90	\$315.00
PSG2-24C1	Shutter, PVC 24"	6.26	2.83	\$141.00
6611-0109-ET	Shutter, PVC FF24	9.07	4.11	\$337.00
PS-26C-ET	Shutter, PVC 26" GP	8.30	3.76	\$325.00
PSG2-32	Shutter, PVC 32"	9.43	4.28	\$171.00
PS-34C-ET	Shutter, PVC 34"	11.30	5.12	\$364.00
PS-36C-ET	Shutter, PVC 36" GP and MXB	12.80	5.80	\$393.00
PSG2-39	Shutter, PVC 39"	12.12	5.49	\$205.00
PS-41C-ET	Shutter, PVC 41"	14.40	6.53	\$539.00
PSG2-42	Shutter, PVC 42"	13.35	6.05	\$204.00
PSG2-51	Shutter, PVC 51"	20.94	9.49	\$285.00
PS-60-ET	Shutter, PVC 54"	29.30	13.29	\$813.00
PS57C-ET	Shutter, PVC 57"	35.00	15.87	\$729.00
PSG2-59	Shutter, PVC 59"	23.36	10.60	\$369.00
PSG26611-8000	Shutter, PVC 41" MF36, C-Style	14.88	6.74	\$186.00
C6611-8004-ET	Shutter, PVC 41" FF36, C-Style	14.80	6.71	\$541.00
C6611-8001-ET	Shutter, PVC MF48, C-Style	24.40	11.06	\$675.00
C6611-5022-ET	Shutter, PVC FF48, C-Style	24.30	11.02	\$731.00
PSG2-54	Shutter, PVC, 54" C-Style	22.05	10.00	\$300.00
PSG26611-9010	Shutter, PVC 56" MF52, C-Style	25.88	11.73	\$271.00
PSG26611-8006	Shutter, PVC 59" MF54, C-Style	27.35	12.41	\$489.00
GS-36	36" Galvanized Shutter with Epoxy Painted Blades	23.00	10.43	\$271.00
GS-39	39" Galvanized Shutter with Epoxy Painted Blades	28.00	12.70	\$230.00
GS-51	51" Galvanized Shutter with Epoxy Painted Blades	46.00	20.86	\$437.00
GS-54	54" Galvanized Shutter with Epoxy Painted Blades	47.00	21.31	\$380.00
GS-60	60" Galvanized Shutter with Epoxy Painted Blades f/54" SCL Fan	55.00	24.94	\$502.00
GS-62	62" Galvanized Shutter with Epoxy Painted Blades f/54" SCL Fan	60.00	27.21	\$531.00
HD36	36" Aluminum Shutter	12.00	5.44	\$252.00
HD39	39" Aluminum Shutter	13.00	5.89	\$308.00
HD51	51" Aluminum Shutter	18.00	8.16	\$403.00
HD54	54" Aluminum Shutter f/50" Galvanized SCL Fan	20.00	9.07	\$446.00
HD54-F	53-1/2" Aluminum Shutter f/APPB Fiberglass Fans	20.00	9.07	\$353.00

Turn Button Kit

Part#	Description	Lbs.	Kgs.	Price
16-0052	PVC Shutter Retainer Kit	2.55	1.16	\$37.00
10-0040-A	Shutter Mount Hardware Turn Buttons for 36" and Larger Fans	2.29	1.03	\$39.00
10-0097-A	Shutter Mount Hardware Turn Buttons for 24" and Smaller Fans	2.29	1.03	\$14.00
10-0105-A	Shutter Mount Hardware Turn Buttons for 36" and Larger Fans (SS)	2.29	1.03	\$16.49
91-0043-A	Turn Button Kit - Package of 4	0.37	0.16	\$8.77
91-0044-A	Turn Button Kit - Package of 8	0.37	0.16	\$17.54

Shutter Latch

Part Number and Photo	Description and Model Number	Price
	Latch, Draw Tension Zinc Latch	\$21.00
	LATCH tension draw latch zinc	
1040-0105		

Shutter Replacement Parts

Part#	Description	Lbs.	Kgs.	Price
10-0040-A	Shutter Mount Hardware Turn Buttons for 36" and Larger Fans	2.29	1.03	\$39.00
20-0001-9	3-1/2" Shutter Blade, 9' Long	1.04	0.47	\$14.82
20-0104-9	4-1/2" Shutter Blade, 9' Long	1.44	0.65	\$14.93
91-0042	Shutter Turnbutton	0.01	0.00	\$1.26
AP-5992-1	Shutter Blade, Eco Tight Shutters, 7' Long	0.70	0.31	\$65.00
AP-5993-1	Shutter FG Rod, Eco Tight Shutters, 10' Long	1.00	0.45	\$32.00
PSG2-PR	Generation 2 Shutter Pin Repair Kit	0.65	0.29	\$64.00

Mega Flow Slant Wall Cone Models

- Pillow block bearings
- Super efficiency totally enclosed air over energy efficient motors
 - Four piece galvanized cone for ease of installation
 - Highest performance in a galvanized fan
- Rigid upright design motor mount bracket for added strength and durability
 - Available with gold label cog V-belt
- Can be ordered with cordset - only available on 240V 60Hz single phase models



The Mega Flow Slantwall Fans set industry standards in all areas of performance and quality. Mega flow Slantwall Fans have been designed from the ground up to insure the ultimate in performance from a galvanized housing fan. Performance to us means to offer the best “workhouse” fan in the industry, featuring pillow block bearings and super efficiency motors. These fans also feature our upright design motor mount bracket engineered for added strength and durability as well as minimal noise and maximum airflow. One of the most significant features of our slantwall housing fans is our innovative cone design, stated as the easiest cone to assemble and install in the agricultural industry since its release in early 2004. Compare our quality and performance and we are sure you will agree, industry only attention to detail has made a difference in the Mega Flow Slantwall Fan line.



RollSeal Automated Shutter



Aluminum Shutter



PVC Shutter

Mega Flow Slant Wall Cone Fan Rough Opening & Truckload Specifications

	Rough Opening Dimensions		Fan Spacing With Cone*	Truckload Quantity Specifications				
	Width	Height		53' Trailer	48' Trailer	40' Container	40' High Cube	20' Container
36" Model	42-3/4"	43-3/4"	49-3/4"	74	69	40	52	20
48" Model	54-3/4"	55-3/4"	63"	36	32	22	27	10
52" Model	56-3/4"	57-3/4"	67"	36	32	22	27	10
54" Model	60.63"	61-3/4"	74"	XX	XX	XX	XX	XX

* Fan Spacing with Cone is measured center to center.

** Unassembled truckload quantities shown are with both the fan cone and shutter included.

Mega Flow Slantwall Cone Fan Performance and Technical Specification Data

Fan Model	Prop	Cone	Shutter Type	Static Pressure	CFM	CFM/Watt	RPM	BessLabs#	HHI Part#
36" Belt Drive	Steel	Yes	PVC	0.05"	12,010	18.3	707	04368	6603-7011
			Aluminum	0.05"	12,280	19.6	708	04369	6603-7011
	Fiberglass		PVC	0.05"	11,390	17.4	891	04371	6603-7001
			Aluminum	0.05"	11,780	18.5	892	04370	6603-7001

Fan Model	Prop	Cone	Shutter Type	Static Pressure	CFM	CFM/Watt	RPM	BessLabs#	HHI Part#
52" Belt Drive	Steel	Yes	PVC	0.05"	26,400	21.3	639	04345	6603-7051
				0.10"	24,900	19.0	638	04345	6603-7051
			Aluminum	0.05"	27,000	22.0	640	04344	6603-7051
				0.10"	25,600	19.9	638	04344	6603-7051
	Fiberglass	Yes	PVC	0.05"	25,600	20.6	593	04346	6603-7051
				0.10"	24,000	18.7	592	04346	6603-7051
			Aluminum	0.05"	25,900	21.3	592	04347	6603-7051
				0.10"	24,300	19.2	591	04347	6603-7051

Fan Model	Prop	Cone	Shutter Type	Static Pressure	CFM	CFM/Watt	RPM	Special Notes	BessLabs#	HHI Part#
54" Belt Drive	Steel	Yes	Aluminum	0.07"	30,600	20.9	658	1.5 HP Motor	08157	6603-7092
				0.05"	27,400	26.7	575	1.5 HP Motor	08154	6603-7090
				0.06"	30,800	21.2	654	1.5 HP Motor	08150	6603-7096
				0.05"	27,300	26.9	573	1.5 HP Motor	08153	6603-7097

* All tests results are current as of January 01, 2014. Test results are subject to change without notice. Refer to www.bess.uiuc.edu for constantly updated figures.

* All tests performed using single phase 240V 60Hz power. * All tests run with V-belt and automatic tensioner.



36" Mega Flow Slantwall Fans with Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
36"	Belt	Fiberglass	Single	240V 60Hz	Single	No	V-Belt	MF-36C-B-FG-SE-S-246S-0-1-VB	6603-7001	\$1,711.00
36"	Belt	Fiberglass	Single	240V 60Hz	Three	No	V-Belt	MF-36C-B-FG-SE-S-246T-0-1-VB	6603-7003	\$1,728.00
36"	Belt	Steel	Single	240V 50Hz	Single	No	V-Belt	MF-36C-B-S-SE-S-245S-0-1-VB	6603-7017	\$1,531.00
36"	Belt	Steel	Single	240V 50Hz	Three	No	V-Belt	MF-36C-B-S-SE-S-245T-0-1-VB	6603-7019	\$1,576.00
36"	Belt	Steel	Single	240V 60Hz	Single	No	V-Belt	MF-36C-B-S-SE-S-246S-0-1-VB	6603-7011	\$1,607.00
36"	Belt	Steel	Single	240V 60Hz	Single	Yes	V-Belt	MF-36C-B-S-SE-S-246S-X-1-VB	6603-6199	\$1,675.00
36"	Belt	Steel	Single	240V 60Hz	Three	No	V-Belt	MF-36C-B-S-SE-S-246T-0-1-VB	6603-7013	\$1,576.00

36" Fan Cone Shutter	Shutter, PVC 41" MF36, C-Style	SHUTTER PVC 41.75 x 42.75	PSG26611-8000	\$186.00
36" Fan Cone Shutter	Shutter, Aluminum 45.50 x 45.50 ACP 36"	SHUTTER AL 45.50x45.50	6611-9025	\$445.00
36" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 45.50 x 45.50 ACP 36"	SHUTTER AL 45.50x45.50	6611-9022	\$465.00
36" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-36-L-A	6621-0358-HH	\$1,773.00
36" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-36-R-A	6621-0359-HH	\$1,773.00

Please note that all Fans listed in the above chart come standard with the Cone included in the list price.

Unassembled 36" Mega Flow Slantwall Fans with Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
36"	Belt	Fiberglass	Single	240V 60Hz	Single	No	V-Belt	MF-36C-B-FG-SE-S-246S-0-1-VB-1-U	6603-1114	\$1,558.00
					Three	No	V-Belt	MF-36C-B-FG-SE-S-246T-0-1-VB-0-U	6603-1115	\$1,589.00
		Steel	Single	240V 50Hz	Single	No	V-Belt	MF-36C-B-S-SE-S-245S-0-1-VB-1-U	6603-1116	\$1,382.00
					Three	No	V-Belt	MF-36C-B-FG-SE-S-245T-0-1-VB-0-U	6603-1117	\$1,452.00
		Steel	Single	240V 60Hz	Single	No	V-Belt	MF-36C-B-S-SE-S-246S-0-1-VB-1-U	6603-1118	\$1,382.00
					Three	No	V-Belt	MF-36C-B-S-SE-S-246T-0-1-VB-0-U	6603-1119	\$1,423.00

36" Fan Cone Shutter	Shutter, PVC 41" MF36, C-Style	SHUTTER PVC 41.75 x 42.75	PSG26611-8000	\$186.00
36" Fan Cone Shutter	Shutter, Aluminum 45.50 x 45.50 ACP 36"	SHUTTER AL 45.50x45.50	6611-9025	\$445.00
36" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 45.50 x 45.50 ACP 36"	SHUTTER AL 45.50x45.50	6611-9022	\$465.00
36" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-36-L-A	6621-0358-HH	\$1,773.00
36" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-36-R-A	6621-0359-HH	\$1,773.00

Please note that all Fans listed in the above chart come standard with the Cone included in the list price.



36" Mega Flow Slantwall Fans without Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
36"	Belt	Fiberglass	Single	240V 60Hz	Single	No	V-Belt	MF-36S-B-FG-SE-S-246S-0-0-VB	6603-7351	\$1,728.00
36"	Belt	Fiberglass	Single	240V 60Hz	Three	No	V-Belt	MF-36S-B-FG-SE-S-246T-0-0-VB	6603-7353	\$1,761.00
36"	Belt	Steel	Single	240V 50Hz	Single	No	V-Belt	MF-36S-B-S-SE-S-245S-0-0-VB	6603-7315	\$1,576.00
36"	Belt	Steel	Single	240V 50Hz	Three	No	V-Belt	MF-36S-B-S-SE-S-245T-0-0-VB	6603-7335	\$1,576.00
36"	Belt	Steel	Single	240V 60Hz	Single	No	V-Belt	MF-36S-B-S-SE-S-246S-0-0-VB	6603-7305	\$1,607.00
36"	Belt	Steel	Single	240V 60Hz	Single	Yes	V-Belt	MF-36S-B-S-SE-S-246S-X-0-VB	6603-8003	\$1,592.00
36"	Belt	Steel	Single	240V 60Hz	Three	No	V-Belt	MF-36S-B-S-SE-S-246T-0-0-VB	6603-7325-HH	\$1,576.00
36" Fan Cone Shutter		Shutter, PVC 41" MF36, C-Style						SHUTTER PVC 41.75 x 42.75	PSG26611-8000	\$186.00
36" Fan Cone Shutter		Shutter, Aluminum 45.50 x 45.50 ACP 36"						SHUTTER AL 45.50x45.50	6611-9025	\$445.00
36" Fan Cone Shutter		Shutter, Aluminum with Galvanized Frame 45.50 x 45.50 ACP 36"						SHUTTER AL 45.50x45.50	6611-9022	\$465.00
36" Fan Cone Shutter		RollSeal Plus Rolling Damper - Left						RD Plus MF/FF-36-L-A	6621-0358-HH	\$1,773.00
36" Fan Cone Shutter		RollSeal Plus Rolling Damper - Right						RD Plus MF/FF-36-R-A	6621-0359-HH	\$1,773.00

Unassembled 36" Mega Flow Slantwall Fans without Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
36"	Belt	Steel	Single	240V 50Hz	Three	No	V-Belt	MF-36S-B-S-SE-S-245T-0-0-VB-0-U	6603-1137	\$1,531.00
36"	Belt	Steel	Single	240V 60Hz	Single	No	V-Belt	MF-36S-B-S-SE-S-246S-0-0-VB-1-U	6603-1138	\$1,382.00
36" Fan Cone Shutter		Shutter, PVC 41" MF36, C-Style						SHUTTER PVC 41.75 x 42.75	PSG26611-8000	\$186.00
36" Fan Cone Shutter		Shutter, Aluminum 45.50 x 45.50 ACP 36"						SHUTTER AL 45.50x45.50	6611-9025	\$445.00
36" Fan Cone Shutter		Shutter, Aluminum with Galvanized Frame 45.50 x 45.50 ACP 36"						SHUTTER AL 45.50x45.50	6611-9022	\$465.00
36" Fan Cone Shutter		RollSeal Plus Rolling Damper - Left						RD Plus MF/FF-36-L-A	6621-0358-HH	\$1,773.00
36" Fan Cone Shutter		RollSeal Plus Rolling Damper - Right						RD Plus MF/FF-36-R-A	6621-0359-HH	\$1,773.00



52" Mega Flow Slantwall Fans with Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
52"	Belt	6 Blade	Single	240V 60Hz	Single	No	V-Belt	MF-52C-B-6-S-246S-0-VB	6603-7673	\$2,403.00
52"	Belt	6 Blade	Single	240V 60Hz	Three	No	V-Belt	MF-52C-B-6-S-246T-0-VB	6603-7675	\$2,473.00
52"	Belt	6 Blade	Single	240V 60Hz	Three	No	V-Belt	MF-52C-B-6-S-246T-0-VB-1*	6603-7076	\$2,403.00
52"	Belt	Fiberglass	Single	240V 50Hz	Single	No	V-Belt	MF-52C-B-FG-SE-S-245S-0-1-VB	6603-7647	\$2,492.00
52"	Belt	Fiberglass	Single	240V 50Hz	Three	No	V-Belt	MF-52C-B-FG-SE-S-245T-0-1-VB	6603-7649	\$2,492.00
52"	Belt	Fiberglass	Single	240V 60Hz	Single	No	V-Belt	MF-52C-B-FG-SE-S-246S-0-1-VB	6603-7641	\$2,492.00
52"	Belt	Fiberglass	Single	240V 60Hz	Single	Yes	V-Belt	MF-52C-B-FG-SE-S-246S-X-1-VB	6603-7670	\$2,412.00
52"	Belt	Fiberglass	Single	240V 60Hz	Three	No	V-Belt	MF-52C-B-FG-SE-S-246T-0-1-VB	6603-7643	\$2,492.00
52"	Belt	Steel	Single	240V 50Hz	Single	No	V-Belt	MF-52C-B-S-SE-S-245S-0-1-VB	6603-7657	\$2,228.00
52"	Belt	Steel	Single	240V 50Hz	Three	No	V-Belt	MF-52C-B-S-SE-S-245T-0-1-VB	6603-7659	\$2,228.00
52"	Belt	Steel	Single	240V 60Hz	Single	No	V-Belt	MF-52C-B-S-SE-S-246S-0-1-VB	6603-7651	\$2,228.00
52"	Belt	Steel	Single	240V 60Hz	Single	Yes	V-Belt	MF-52C-B-S-SE-S-246S-X-1-VB	6603-7660	\$2,305.00
52"	Belt	Steel	Single	240V 60Hz	Three	No	V-Belt	MF-52C-B-S-SE-S-246T-0-1-VB	6603-7653	\$2,228.00

52" Fan Cone Shutter	Shutter, PVC 56" MF52, C-Style	SHUTTER PVC 52 MF	PSG26611-9010	\$271.00
52" Fan Cone Shutter	Shutter, Aluminum 56.25 x 56.25 ACP 52"	SHUTTER AL 56.25 x 56.25	6611-9027	\$549.00
52" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 56.25 x 56.25 ACP 52"	SHUTTER GS 56.25 x 56.25	6611-9021	\$489.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-52-L-A	6621-0362-HH	\$2,181.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-52-R-A	6621-0363-HH	\$2,181.00

* -1 at the end of a model number denotes that the three phase motor is equipped with a thermal overload protector.

Please note that all Fans listed in the above chart come standard with the Cone included in the list price.

Unassembled 52" Mega Flow Slantwall Fans with Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
52"	Belt	Fiberglass	Single	240V 50Hz	Single	No	V-Belt	MF-52C-B-FG-SE-S-245S-0-1-VB-1-U	6603-1128	\$2,203.00
52"	Belt	Fiberglass	Single	240V 50Hz	Three	No	V-Belt	MF-52C-B-FG-SE-S-245T-0-1-VB-0-U	6603-1129	\$2,203.00
52"	Belt	Fiberglass	Single	240V 60Hz	Single	No	V-Belt	MF-52C-B-FG-SE-S-246S-0-1-VB-1-U	6603-1130	\$2,203.00
52"	Belt	Fiberglass	Single	240V 60Hz	Three	No	V-Belt	MF-52C-B-FG-SE-S-246T-0-1-VB-0-U	6603-1131	\$2,203.00
52"	Belt	Steel	Single	240V 50Hz	Single	No	V-Belt	MF-52C-B-S-SE-S-245S-0-1-VB-1-U	6603-1132	\$2,090.00
52"	Belt	Steel	Single	240V 50Hz	Three	No	V-Belt	MF-52C-B-S-SE-S-245T-0-1-VB-0-U	6603-1133	\$2,090.00
52"	Belt	Steel	Single	240V 60Hz	Single	No	V-Belt	MF-52C-B-S-SE-S-246S-0-1-VB-1-U	6603-1134	\$2,090.00
52"	Belt	Steel	Single	240V 60Hz	Three	No	V-Belt	MF-52C-B-S-SE-S-246T-0-1-VB-0-U	6603-1135	\$2,090.00

52" Fan Cone Shutter	Shutter, PVC 56" MF52, C-Style	SHUTTER PVC 52 MF	PSG26611-9010	\$271.00
52" Fan Cone Shutter	Shutter, Aluminum 56.25 x 56.25 ACP 52"	SHUTTER AL 56.25 x 56.25	6611-9027	\$549.00
52" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 56.25 x 56.25 ACP 52"	SHUTTER GS 56.25 x 56.25	6611-9021	\$489.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-52-L-A	6621-0362-HH	\$2,181.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-52-R-A	6621-0363-HH	\$2,181.00

Please note that all Fans listed in the above chart come standard with the Cone included in the list price.

52" Mega Flow Slantwall Fans without Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
52"	Belt	6 Blade	Single	240V 60Hz	Single	No	V-Belt	MF-52S-B-6-S-246S-0-VB	6603-7440	\$2,460.00
52"	Belt	6 Blade	Single	240V 60Hz	Three	No	V-Belt	MF-52S-B-6-246T-0-VB-1*	6603-7416	\$2,537.00
52"	Belt	Fiberglass	Single	240V 50Hz	Single	No	V-Belt	MF-52S-B-FG-SE-S-245S-0-0-VB	6603-7715	\$2,276.00
52"	Belt	Fiberglass	Single	240V 50Hz	Three	No	V-Belt	MF-52S-B-FG-SE-S-245T-0-0-VB	6603-7735	\$2,276.00
52"	Belt	Fiberglass	Single	240V 60Hz	Three	No	V-Belt	MF-52S-B-FG-SE-S-246T-0-0-VB	6603-7725	\$2,276.00
52"	Belt	Fiberglass	Single	240V 50Hz	Single	No	V-Belt	MF-52S-B-S-SE-S-245S-0-0-VB	6603-7425	\$2,169.00
52"	Belt	Steel	Single	240V 60Hz	Single	No	V-Belt	MF-52S-B-S-SE-S-246S-0-0-VB	6603-7411	\$2,169.00
52"	Belt	Steel	Single	240V 60Hz	Single	Yes	V-Belt	MF-52S-B-S-SE-S-246S-X-0-VB	6603-8004	\$2,228.00
52"	Belt	Steel	Single	240V 60Hz	Three	No	V-Belt	MF-52S-B-S-SE-S-246T-0-0-VB	6603-7413	\$2,169.00
52"	Belt	6 Blade	Single	N/A	N/A	N/A	N/A	MF-52-B-6 blade w/o motor	6603-7450	\$1,959.00

52" Fan Cone Kit	N/A	KIT MF-52S Cone	6650-1060	\$547.00
52" Fan Cone Shutter	Shutter, PVC 56" MF52, C-Style	SHUTTER PVC 52 MF	PSG26611-9010	\$271.00
52" Fan Cone Shutter	Shutter, Aluminum 56.25 x 56.25 ACP 52"	SHUTTER AL 56.25 x 56.25	6611-9027	\$549.00
52" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 56.25 x 56.25 ACP 52"	SHUTTER GS 56.25 x 56.25	6611-9021	\$489.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-52-L-A	6621-0362-HH	\$2,181.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-52-R-A	6621-0363-HH	\$2,181.00

* -1 at the end of a model number denotes that the three phase motor is equipped with a thermal overload protector.

Unassembled 52" Mega Flow Slantwall Fans without Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
52"	Belt	Steel	Single	240V 50Hz	Three	No	V-Belt	MF-52S-B-S-SE-S-245T-0-0-VB-0-U	6603-1145	\$2,021.00

52" Fan Cone Kit	N/A	KIT MF-52S Cone	6650-1060	\$547.00
52" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 56.25 x 56.25 ACP 52"	SHUTTER GS 56.25 x 56.25	6611-9021	\$489.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-52-L-A	6621-0362-HH	\$2,181.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-52-R-A	6621-0363-HH	\$2,181.00

54" Mega Flow Slantwall Fans with Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Motor	Efficiency	Model Number	Part#	Price
54"	Belt	Steel	Single	240V 60Hz	Single	1.5 HP	High Flow	MF-54C-B-3G-HF-1.5S-246S-0-1-VB-1-A (2 PACK)	6603-10000Q2	\$5,310.00
54"	Belt	Steel	Single	240V 60Hz	Single	1.5 HP	High Flow	MF-54C-B-3G-HF-1.5S-246S-0-1-VB-1-A	6603-7092	\$2,771.00
54"	Belt	Steel	Single	240V 60Hz	Single	1.5 HP	High Flow	MF-54C-B-3G-HF-1.5S-246S-0-1-VB-1-A (2 PACK)	6603-7092Q2	\$5,537.00
54"	Belt	Steel	Single	240V 60Hz	Single	1.5 HP	High Efficiency	MF-54C-B-3G-HE-1.5S-246S-0-1-VB-1-A	6603-7090	\$2,771.00
54"	Belt	Steel	Single	240V 60Hz	Single	1.5 HP	High Efficiency	MF-54C-B-3G-HE-1.5S-246S-0-1-VB-1-A (2 PACK)	6603-7090Q2	\$5,537.00
54"	Belt	Steel	Single	240V 60Hz	Three	1 HP	High Flow	MF-54C-B-3G-HF-1.0S-246T-0-1-VB-0-A	6603-7096	\$2,771.00
54"	Belt	Steel	Single	240V 60Hz	Three	1 HP	High Efficiency	MF-54C-B-3G-HE-1.0S-246T-0-1-VB-1-A	6603-7097	\$2,771.00

* All 54" Mega Flow Slantwall Fans are equipped with V-Belts with Auto Tensioners.

54" Fan Cone Shutter	Shutter, PVC 59" MF54, C-Style	SHUTTER, PLASTIC 59.63 x 60.25, GEN	PSG26611-8006	\$489.00
54" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame	SHUTTER GS 59.5x59.75 54" FAN	6611-9028	\$657.00
54" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF/AP-54-L-A	6621-0364-HH	\$2,576.00
54" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF/AP-54-R-A	6621-0365-HH	\$2,576.00

Unassembled 54" Mega Flow Slantwall Fans with Cones

Dia.	Drive	Prop	Speed	Voltage	Phase	Motor	Efficiency	Model Number	Part#	Price
54"	Belt	Steel	Single	240V 60Hz	Three	1 HP	High Efficiency	MF-54C-B-3G-HE-1.0S-246T-0-1-VB-1-U	6603-6569	\$2,907.00

* All 54" Mega Flow Slantwall Fans are equipped with V-Belts with Auto Tensioners.

54" Fan Cone Shutter	Shutter, PVC 59" MF54, C-Style	SHUTTER, PLASTIC 59.63 x 60.25, GEN	PSG26611-8006	\$489.00
54" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame	SHUTTER GS 59.5x59.75 54" FAN	6611-9028	\$657.00
54" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF/AP-54-L-A	6621-0364-HH	\$2,576.00
54" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF/AP-54-R-A	6621-0365-HH	\$2,576.00



Circulation Fans



CF-18-1-0-3SP



CF-20-1-0



CF-20-1-1



CF-20-1-1-NS



CF-24-1-0
CF-24-1-0-HD



CF-24-1-1
CF-24-1-1-HD



CF-36-1-0
CF-36-3-0

Competitive pricing, an expanded number of sizes and new options are featured in a new line of stir fans from AP and Cumberland. In addition to previously-existing standard features, the new models include permanently-sealed bearings and automatic thermal overload protection. Each new model is covered by a two-year motor warranty and a standard one-year warranty on remaining components. With the release of this new stir fan line, previous models have been discontinued.

Part#	Size	Speed	Guard	Description	Lbs.	Kgs.	Price
CF-18-1-0-3SP	18"	3	Non-OSHA	18" Circ. Fan, 1 PH, 115V, 1/12 HP w/9' Cord	16.00	7.25	\$213.00
CF-20-1-0	20"	Var.		20" Circ. Fan, 1 PH, 115/230V, 1/10 HP, 2 Blade w/9' Cord	22.00	9.97	\$221.00
CF-20-1-1				20" Circ. Fan, 1 PH, 115/230V, 1/10 HP w/9' Cord	22.00	9.97	\$229.00
CF-20-1-1-NS				OSHA	20" Circ. Fan, 1 PH, 115/230V, 1/10 HP w/9' Cord	27.00	12.24
CF-24-1-0*	24"		Non-OSHA	24" Circ. Fan, 1 PH, 115/230V, 1/3 HP, No Cord	40.00	18.14	\$392.00
CF-24-1-0-HD*		24" Circ. Fan, 1 PH, 115/230V, 1/2 HP, No Cord		40.00	18.14	\$465.00	
CF-24-1-1*		OSHA		24" Circ. Fan, 1 PH, 115/230V, 1/3 HP, No Cord	45.00	20.41	\$421.00
CF-24-1-1-HD*				24" Circ. Fan, 1 PH, 115/230V, 1/2 HP, No Cord	45.00	20.41	\$500.00
CF-36-1-0	36"	1	OSHA	36" Circ. Fan, 1 PH, 115/230V, 1/2 HP, No Cord	70.00	31.75	\$675.00
CF-36-3-0				36" Circ. Fan, 3 PH, 230/460V, 1/2 HP, No Cord	70.00	31.75	\$686.00

NOTE: Non-OSHA guarded fans must be mounted at least 7' off the floor or working level.

*Order (1) - 11-0187-BS per fan when mounting 24" fans perpendicular to truss.

Circulation Fan Technical Data

Fan Part#	Motor Part#	Speed	HP	PH	Voltage	Frequency	Full Load Amps	Motor RPM
CF-18-1-0-3SP	15-0253	3	1/12	1	115	60	0.9	1,550
CF-20-1-0	15-0254	Var.	1/10	1	115/230	60	1.0/0.5	1,700
CF-20-1-1	15-0254	Var.	1/10	1	115/230	60	1.0/0.5	1,700
CF-20-1-1-NS	15-0254	Var.	1/10	1	115/230	60	1.0/0.5	1,700
CF-24-1-0	15-0255	Var.	1/3	1	115/230	60	3.2/1.6	1,725
CF-24-1-0-HD	15-0256	Var.	1/2	1	115/230	60	4.4/2.2	1,725
CF-24-1-1	15-0255	Var.	1/3	1	115/230	60	3.2/1.6	1,725
CF-24-1-1-HD	15-0256	Var.	1/2	1	115/230	60	4.4/2.2	1,725
CF-36-1-0	15-0257	1	1/2	1	115/230	60	5.2/2.6	825
CF-36-3-0	15-0258	1	1/2	3	230/460	60	2.6/1.3	850

Circulation Fan Service Parts

Part#	Part Name	Description	Lbs.	Kgs.	Price
15-0253	Motors	CF-18-1-0-3SP Motor, 1/12 HP, 115V, 1 PH	7.00	3.17	\$132.00
15-0254		CF-20-1-0, CF-20-1-1 & CF-20-1-1-NS Motor, 1/10 HP, 115/230V, 1 PH	11.00	4.98	\$165.00
15-0255		CF-24-1-0 & CF-24-1-1 Motor, 1/3 HP, 115/230V, 1 PH	19.00	8.61	\$250.00
15-0256		CF-24-1-0-HD & CF-24-1-1-HD Motor, 1/2 HP, 115/230V, 1 PH	30.00	13.60	\$295.00
15-0257		CF-36-1-0 Motor, 1/2 HP, 115/230V, 1 PH	30.00	13.60	\$370.00
15-0258		CF-36-3-0 Motor, 1/2 HP, 115/230V, 3 PH	30.00	13.60	\$250.00
13-0246	Props	CF-18-1-0-3SP Prop, 3 Blade	2.00	0.90	\$53.00
13-0247		CF-20-1-0 Prop, 2 Blade	2.00	0.90	\$72.00
13-0248		CF-24-1-0 & CF-24-1-1 Prop, 3 Blade	3.00	1.36	\$88.00
13-0249		CF-24-1-0-H & CF-24-1-1-HD Prop, 3 Blade	4.00	1.81	\$98.00
13-0250		CF-36-1-0 & CF-36-3-0 Prop, 3 Blade	7.00	3.17	\$138.00
12-0809	Front Guard	CF-18-1-0-3SP Front Guard, Non-OSHA	1.00	0.45	\$26.00
12-0810		CF-20-1-0 & CF-20-1-1 Front Guard, Non-OSHA	1.50	0.68	\$30.00
12-0811		CF-24-1-0 & CF-24-1-0-HD Front Guard, Non-OSHA	2.00	0.90	\$48.00
12-0812		CF-24-1-1 & CF-24-1-1-HD Front Guard, OSHA	4.00	1.81	\$80.00
12-0813		CF-36-1-0 & CF-36-3-0 Front Guard, OSHA	6.00	2.72	\$130.00
12-0814	Rear Guard	CF-18-1-0-3SP Rear Guard, Non-OSHA	1.00	0.45	\$26.00
12-0815		CF-20-1-0 & CF-20-1-1 Rear Guard, Non-OSHA	1.50	0.68	\$30.00
12-0816		CF-24-1-0 & CF-24-1-0-HD Rear Guard, Non-OSHA	2.00	0.90	\$48.00
12-0817		CF-24-1-1 & CF-24-1-1-HD Rear Guard, OSHA	4.00	1.81	\$80.00
12-0818		CF-36-1-0 & CF-36-3-0 Rear Guard, OSHA	6.00	2.72	\$130.00
12-0820	Mount	CF-18-1-0-3SP, CF-20-1-0, CF-20-1-1 & CF-20-1-1-NS Mounting Bracket, C Type	1.50	0.68	\$24.00
12-0821		CF-24-1-0, CF-24-1-1, CF-24-1-0-HD & CF-24-1-1-HD Mounting Bracket, L Type	3.00	1.36	\$48.00
11-0187-BS		CF-24 Mounting Bracket for Mounting Fans Perpendicular to Truss	1.62	0.73	\$36.00
12-0822		CF-36-1-0 & CF-36-3-0 Mounting Bracket, T Type	6.00	2.72	\$65.00

Prices and specifications are subject to change without notice.

August 05, 2024

Mega Flow Fans

Box and Panel Models

- Standard with powertwist, v-belt optional
- Optional self adjusting belt tightener
- Pillow block bearings with grease fittings
- Galvanized venturi frame and blade
- 20 Ga. metal housing
- Brackets for optional hanging
- Patented wire guard fastener and tensioner
- Energy efficient, face mount motors in Direct Drive models



24" Mega Flow Panel Fan

Mega Flow Panel and Box Fans are setting the standard for ventilation needs in a number of varying markets. This line of powerful, efficient and economical fans utilizes a technologically superior blade design for a more energy efficient installation. Our "best in industry" patented wire guard fastener and tensioner are only one of the standard features that set Cumberland's Panel fan line apart from the competition. With models available from 24" to 48" we are sure to have the size fan to fit your application. Our panel fans also sport options for belt and direct drive (24" to 48" models only) and can be fitted with a slantwall adapter kit for slantwall housing installations.



Two Blade Prop Option



Three Blade Prop Option



Four Blade Prop Option



RollSeal Automated Shutter



Aluminum Shutter



PVC Shutter

Mega Flow Panel Fan Technical Specifications Chart

	Rough Opening Dimensions		Fan Spacing With Cone*	Truckload Quantity Specifications				
	Width	Height		53' Trailer	48' Trailer	40' Container	40' High Cube	20' Container
24" Model	30-3/4"	30-3/4"		420	405	300	360	140
36" Model	42-3/4"	42-3/4"	49-3/4"	196	182	132	154	64
48" Model	54-3/4"	54-3/4"	63"	66	60	61	68	30

* Fan Spacing with Cone is measured center to center.

Performance and Technical Specification Data*

Fan Diameter	Cone	Accessories	Static Pressure	CFM	CFM/Watt	RPM	BessLabs#	HHI Part#
48" Direct Drive	No Cone	N/A	0.05"	16,638	21.6	848	HH00977	6603-5540
48" Belt Drive	No Cone	N/A	0.05"	20,400	19.4	576	HH00852	6603-5510
	Cone	SW Adapter Kit	0.05"	24,301	21.4	601	HH01453	6603-5510
	Cone	SW Adapter Kit Belt Tensioner	0.05"	23,697	20.2	590	HH01455	6603-5510

24" Mega Flow Panel Fan

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Options & Accessories	Model Number	Part#	Price
24"	Direct	Steel	Single	120V 60Hz	Single	Yes		MF-24P-D-S-S-126S-K	6603-0250	\$696.00
24"	Direct	Steel	Single	120V 60Hz	Single	Yes	OSHA Approved Guard	MF-24P-D-S-S-126S-K-3	6603-0453	\$762.00
24"	Direct	Steel	Variable	120V 60Hz	Single	Yes		MF-24P-D-S-V-126S-K	6603-0251	\$745.00
24"	Direct	Steel	Variable	240V 50/60Hz	Single	Yes	without Housing	MF-24O-D-S-SE-.33V-24*S-X-0-0-0-A	6603-4300	\$599.00
24"	Direct	Steel	Variable	120V 50/60Hz	Single	Yes		MF-24P-D-S-V-24*S-X	6603-0248	\$745.00
24"	Direct	Steel	Variable	120V 50/60Hz	Single	Yes	OSHA Approved Guard	MF-24P-D-S-V-24*S-X-3	6603-6053	\$814.00

36" Mega Flow Panel Fan

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Options & Accessories	Model Number	Part#	Price
36"	Belt	Steel	Single	120/240V	Single	Yes		36" Belt Drive Box Fan	GBB3614-HH	\$1,254.00
36"	Direct	Steel	Single	120/240V	Single	Yes		36" Direct Drive Box Fan	GBD3614-HH	\$846.00
36"	Direct	Steel	Single	115/230V	Single	Yes		36" Direct Drive Box Fan - 1PH	GBD36146Q	\$4,940.00

48" Mega Flow Panel Fan

Dia.	Drive	Prop	Speed	Voltage	Phase	Cordset	Options & Accessories	Model Number	Part#	Price
48"	Belt	6 Blade	Single	240V 60Hz	Single	Yes		MF-48P-B-6-S-246S-X	6603-5570	\$1,826.00
48"	Belt	Steel	Single	240V 50/60Hz	Single	Yes		MF-48P-B-S-S-245S-X	6603-5511	\$1,825.00
48"	Belt	Steel	Single	240V 50/60Hz	Single	Yes	Belt Tensioner	MF-48P-B-S-S-246S-X-Belt Ten	6603-0460	\$1,739.00
48"	Belt	Steel	Single	240V 50/60Hz	Three	No	Belt Tensioner	MF-48P-B-S-S-245T-0-Belt Ten	6603-0463	\$1,825.00
48"	Belt	Steel	Single	240V 50/60Hz	Three	No	Belt Tensioner	MF-48P-B-6-S-246S-0-Belt Ten	6603-0462	\$1,739.00
48"	Direct	Steel	Single	240V 60Hz	Single	Yes		MF-48P-D-2G-SE-1.0V-246S-X-0-0-1-A	6603-5540-HH	\$1,439.00
48"	Direct	Steel	Single	240V 60Hz	Three	No		MF-48P-D-S-S-246T-0	6603-5542-HH	\$1,641.00
48" Panel Fan Cone Kit								KIT EF/MF 48" Cone	6650-1050	\$516.00
48" Panel Fan Cone Shutter				Aluminum (Exhaust)				SHUTTER AL 53X539	6611-0105	\$1,158.00

NOTE: 48" Direct Drive Panel Fans must either be mounted in an enclosed environment or installed with a shutter for warranty to be valid.
 Mounting in wall without a shutter or hung in an open air environment will void warranty.
 During strong winds, props will spin opposite the run direction and damage the unit.

Funnel Flow Fans

Cumberland's **Funnel Flow** fans set the industry standard in performance, quality and longevity. For years, we have offered the best high flow/high efficiency fans in the industry. This process begins in manufacturing, with our state-of-the-art wind tunnel facility and our one time balancing of the propellers which ensures optimum efficiency throughout the life of the fan. **Funnel Flow** fans feature our stainless steel "spyder" design formed steel motor and bearing mount brackets for added strength and durability. **Funnel Flow** fans are offered in belt or direct drive and have several options for voltage, prop and speed.

- Totally enclosed air over energy efficient motors
- Two models to choose from - high flow or high efficiency on the 48" model
- Greasable bearings



Funnel Flow Fan Dimensions and Spacing

Model#	Rough Opening Dimensions		Fan Spacing with Cone*
	Width	Height	
52" Model	57"	57-3/4"	71"

* Fan Spacing with Cone is measured center to center.



RollSeal Automated Shutter



Aluminum Shutter



PVC Shutter

Funnel Flow Fan Performance and Technical Specifications

Fan Model	Cone	Shutter Type	Static Pressure	CFM	CFM/Watt	RPM	BessLabs#	Part#
52" Belt Drive Cone	Cone	PVC	0.05"	26,167	21.9	594	04342	6603-0606
		Aluminum	0.05"	27,038	23.3	594	04343	6603-0606
		PVC	0.10"	24,500	19.6	593	04342	6603-0606
		Aluminum	0.10"	25,300	20.8	593	04343	6603-0606

* All tests results are current as of January 1, 2014. Tests results are subject to change without notice. Refer to www.bess.uiuc.edu for constantly updated figures.

Funnel Flow Fan Ordering Instructions

1. Pick the correct fan.
2. Order grill guard if you are not ordering a cone.
3. Order cone kit (Includes cone and grill guard).
4. Order cone hardware kit to install cone when installing cone.
5. Order desired shutter for your fan and application.

36" Funnel Flow Fans

36" Orifice Guard	PVC Coated, 1-1/4" Spacing - Must be ordered when not using Cone	GUARD PVC FF-36" 1.25" orf	6403-0144	\$168.00
36" Funnel Flow Cone Kit	Kit B, FF 36" Cone	KIT FF 36" Cone ABS	6650-1002	\$915.00
Funnel Flow Cone Hardware Kit	Kit, Hardware FF Cone - Does not come with standard Cone Kit	KIT HDW FF Cone	6450-5081-HH	\$50.00
36" Funnel Flow Shutter	Shutter, PVC 41" FF36, C-Style	SHUTTER, PVC 41.50" TALL x 41.50" WIDE GRAY	C6611-8004-ET	\$541.00
36" Fan Cone Shutter	Shutter, Aluminum 45.50 x 45.50 ACP 36"	SHUTTER AL 45.50x45.50	6611-9025	\$445.00
36" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 45.50 x 45.50 ACP 36"	SHUTTER AL 45.50x45.50	6611-9022	\$465.00
36" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-36-L-A	6621-0358-HH	\$1,773.00
36" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-36-R-A	6621-0359-HH	\$1,773.00

52" Funnel Flow Fans

Dia.	Drive	Prop	Efficiency	Speed	Voltage	Phase	Cordset	Belt	Model Number	Part#	Price
52"	Belt	Fiberglass	Standard	Single	240V 60Hz	Single	No	V-Belt	FF-52-B-FG-SE-S-246S-0-VB	6603-0606	\$3,265.00
52"	Belt	Fiberglass	Standard	Single	240V 60Hz	Three	No	V-Belt	FF-52-B-FG-SE-S-246T0-VB	6603-0607	\$3,353.00
52"	Belt	Fiberglass	Standard	Single	240V 60Hz	Three	No	V-Belt	FF-52-B-FG-SE-S-246T0-VB-1*	6603-0610	\$3,259.00
52"	Belt	Fiberglass	Standard	Single	240V 50Hz	Single	No	V-Belt	FF-52-B-FG-SE-S-245S-0-VB	6603-0604	\$3,403.00
52"	Belt	Fiberglass	Standard	Single	240V 50Hz	Three	No	V-Belt	FF-52-B-FG-SE-S-245T0-VB	6603-0605	\$3,403.00

52" Funnel Flow Cone Kit	Kit B, FF 52" Cone White	KIT FF 52" Cone ABS	6650-1013	\$1,469.00
Funnel Flow Cone Hardware Kit	Kit, Hardware FF Cone - Does not come with standard Cone Kit	KIT HDW FF Cone	6450-5081-HH	\$50.00
52" Funnel Flow ED Shutter Kit	External Damper (Butterfly) - Galvanized Only	KIT SHUTTER FF-ED 52" Fan	6611-1016	\$955.00
52" Fan Cone Shutter	Shutter, Aluminum 56.25 x 56.25 ACP 52"	SHUTTER AL 56.25 x 56.25	6611-9027	\$549.00
52" Fan Cone Shutter	Shutter, Aluminum with Galvanized Frame 56.25 x 56.25 ACP 52"	SHUTTER GS 56.25 x 56.25	6611-9021	\$489.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Left	RD Plus MF/FF-52-L-A	6621-0362-HH	\$2,181.00
52" Fan Cone Shutter	RollSeal Plus Rolling Damper - Right	RD Plus MF/FF-52-R-A	6621-0363-HH	\$2,181.00



