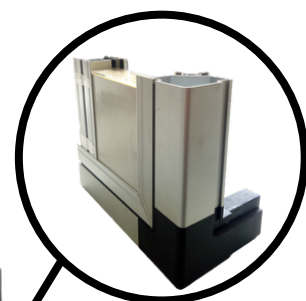


BROCHURE

Cabinet Fan

ThermalTrue®
HVAC & R

Cabinet Fan Series 50mm Frame CFB50- 315_1250



Frame 50

NOMENCLATURE

NOMENCLATURE

CFB50 - F/BC315_1250 - (Kw Motor) D (2, 4, 6 Pole)

CFB Cabinet Fan Box

- 50 mm Panel

F/BC Fan Size

- Forward/Backward Curve Centrifugal Fan Series 315, 355, 400, 450, 500, 560, 630, 710, 800, 900, 1000, 1250

kW Motor Power in kW

D Motor type in Pole

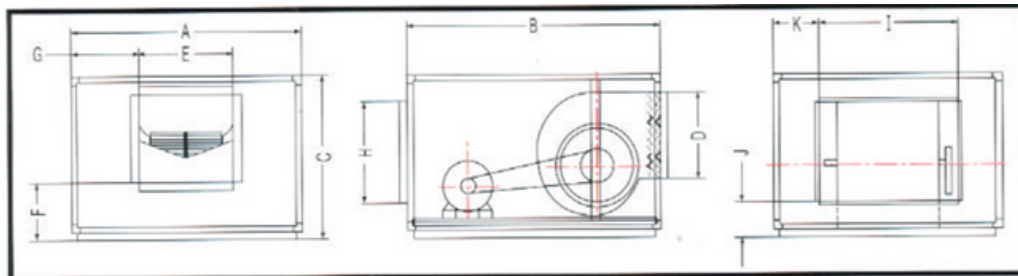
-2, 4, 6

Example

Cabinet Fan Box 50mm Series with Forward Curve fan 800, Motor 22kW-4P

CFB50-BC800-22D4

SPECIFICATION



Model	A	B	C	D	E	F	G	H	I	J	K
CF BC 315 DS50	1190	1400	1262	404	404	389	393	780	808	291	191
CF BC 355 DS50	1190	1400	1262	453	454	417	368	780	808	291	191
CF BC 400 DS50	1190	1400	1262	507	507	444	341	780	808	291	191
CF BC 450 DS50	1190	1400	1262	569	569	473	310	780	808	291	191
CF BC 500 DS50	1800	1827	1650	641	641	568	579	1168	1418	356	191
CF BC 560 DS50	1800	1827	1650	715	715	607	542	1168	1418	356	191
CF BC 630 DS50	1800	1827	1650	801	801	648	499	1168	1418	356	191
CF BC 710 DS50	1800	1827	1650	898	898	697	451	1168	1418	356	191
CF BC 800 DS50	2300	2444	2195	1008	1008	810	646	1733	1938	281	181
CF BC 900 DS50	2300	2444	2195	1130	1130	869	585	1733	1938	281	181
CF BC 1000 DS50	2300	2444	2195	1268	1268	261	516	1733	1938	281	181
CF BC 1120 DS50	3310	3025	2870	1141	1138	1231	1086	2300	2800	335	255
CF BC 1250 DS50	3310	3025	2870	1273	1274	1356	1018	2300	2800	335	255

Belt Drive Front Discharge Cabinet Fan			C25	FD180	FD200	FD225	FD250	FD280	FD315
			C50						
GENERAL DATA									
Duty Point Air Flow			CFM	1000	1500	2000	2500	3000	4000
			CMH	1700	2550	3400	4250	5100	6800
CASING		Frame Panel Insulation		Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane					
DIMENSION	Unit Height	mm	640	720	720	760	820	880	
	Unit Width	mm	640	640	640	680	700	780	
	Unit Depth	mm	840	880	920	1000	1040	1120	
	Discharge Orientation		Front Discharge						
	SA Opening Height	mm	229	256	288	322	361	404	
SA Opening Width		mm	229	256	288	322	361	404	
FAN & MOTOR SPECIFICATION									
FAN	Type		Forward/Backward Curve Centrifugal Belt Drive						
	Model		FC/BC180	FC/BC200	FC/BC225	FC/BC250	FC/BC280	FC/BC315	
	Quantity	set	1						

Belt Drive Front Discharge Cabinet Fan			C25	FD355	FD400	FD450	FD500	FD560	FD630
			C50						
GENERAL DATA									
Duty Point Air Flow			CFM	5000	6000	8000	8800	11500	14000
			CMH	8490	10190	13590	14950	19540	23780
CASING	Frame Panel Insulation		Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane						
DIMENSION	Unit Height	mm	960	1060	1140	1260	1400	1520	
	Unit Width	mm	920	1000	1220	1220	1360	1520	
	Unit Depth	mm	1200	1280	1280	1520	1640	1720	
	Discharge Orientation		Front Discharge						
	SA Opening Height	mm	453	507	569	638	715	801	
	SA Opening Width	mm	453	507	569	638	715	801	
FAN & MOTOR SPECIFICATION									
FAN	Type		Forward/Backward Curve Centrifugal Belt Drive						
	Model		FC/BC355	FC/BC400	FC/BC450	FC/BC500	FC/BC560	FC/BC630	
	Quantity	set	1						

Belt Drive Front Discharge Cabinet Fan			C25 C50	FD710	FD800	FD900	FD1000	FD1120	FD1250
GENERAL DATA									
Maximum Air Flow	Max. Air Flow	CMH	97600	141000	170600	216000	130000	155000	
	Max. Pressure	Pa	1280	1690	1610	1730	1700	1690	
	Max. Power	kW	18,5	22,0	30,0	37,0	55,0	75,0	
Duty Point Air Flow		CFM	18000	22000	28000	35000	44000	54000	
		CMH	30580	37380	47570	59460	74750	91740	
CASING	Frame Panel Insulation	Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane							
	Unit Height	mm	1860	2020	2220	2420	2400	2600	
DIMENSION	Unit Width	mm	1700	1900	2120	2400	2680	3000	
	Unit Depth	mm	1840	1960	2200	2360	2640	2920	
	Discharge Orientation		Front Discharge						
	SA Opening Height	mm	898	1.007	1.130	1.267	1.130	1.262	
	SA Opening Width	mm	898	1.007	1.130	1.267	1.429	1.595	
FAN & MOTOR SPECIFICATION									
FAN	Type		Forward/Backward Curve Centrifugal Belt Drive						
	Model		FC/BC710	FC/BC800	FC/BC900	FC/BC1000	BC1120	BC1250	
	Quantity	set	1						

TD180 - 1250

Belt Drive Top Discharge Cabinet Fan		C25 C50	TD180	TD200	TD225	TD250	TD280	TD315
GENERAL DATA								
Duty Point Air Flow		CFM CMH	1000 1700	1500 2550	2000 3400	2500 4250	3000 5100	4000 6800
CASING	Frame Panel Insulation	Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane						
DIMENSION	Unit Height	mm	640	640	640	680	700	780
	Unit Width	mm	640	640	720	760	820	880
	Unit Depth	mm	840	880	920	1000	1040	1120
	Discharge Orientation	Top Discharge						
	SA Opening Height	mm	229	256	288	322	361	404
	SA Opening Width	mm	229	256	288	322	361	404
FAN & MOTOR SPECIFICATION								
FAN	Type							
	Model	FC/BC180 FC/BC200 FC/BC225 FC/BC250 FC/BC280 FC/BC315						
	Quantity	set	1					

Belt Drive Top Discharge Cabinet Fan		C25 C50	TD355	TD400	TD450	TD500	TD560	TD630
GENERAL DATA								
Duty Point Air Flow		CFM CMH	5000 8490	6000 10190	8000 13590	8800 14950	11500 19540	14000 23780
CASING	Frame Panel Insulation	Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane						
DIMENSION	Unit Height	mm	920	1000	1300	1300	1360	1520
	Unit Width	mm	960	1060	1001	1075	1168	1274
	Unit Depth	mm	1200	1280	1360	1600	1760	1880
	Discharge Orientation	Top Discharge						
	SA Opening Height	mm	453	507	569	638	715	801
	SA Opening Width	mm	453	507	569	638	715	801
FAN & MOTOR SPECIFICATION								
FAN	Type	Forward/Backward Curve Centrifugal Belt Drive						
	Model	FC/BC55 FC/BC400 FC/BC450 FC/BC500 FC/BC560 FC/BC630						
	Quantity	set	1					

Belt Drive Top Discharge Cabinet Fan		C25 C50	TD710	TD800	TD900	TD1000	TD1120	TD1250
GENERAL DATA								
Duty Point Air Flow		CFM CMH	18000 30580	22000 37380	28000 47570	35000 59460	44000 74750	54000 91740
CASING	Frame Panel Insulation	Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane						
DIMENSION	Unit Height	mm	1700	1900	2120	2400	2680	3000
	Unit Width	mm	1396	1570	1723	1856	2075	2585
	Unit Depth	mm	2120	2280	2560	2800	2920	3280
	Discharge Orientation	Top Discharge						
	SA Opening Height	mm	898	1007	1130	1267	1130	1262
	SA Opening Width	mm	898	1007	1130	1267	1429	1595
FAN & MOTOR SPECIFICATION								
FAN	Type	Forward/Backward Curve Centrifugal Belt Drive						
	Model	FC/BC710 FC/BC800 FC/BC900 FC/BC1000 BC1120 BC1250						
	Quantity	set	1					

PF180 - 900

Direct Drive Cabinet Plug Fan			C25 C50	PF250	PF280	PF315	PF355	PF400	PF450
GENERAL DATA									
Duty Point Air Flow			CFM CMH	2000 3398	3000 5097	4000 6796	5000 8495	6000 10193	8000 13591
CASING	Frame Panel Insulation	Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane							
DIMENSION	Unit Height	mm	600	630	700	720	780	880	
	Unit Width	mm	600	630	700	720	780	880	
	Unit Depth	mm	600	630	700	720	780	880	
	Discharge Orientation	Front Discharge							
	SA Opening Height	mm	290	315	360	390	430	480	
	SA Opening Width	mm	290	315	360	390	430	480	
FAN & MOTOR SPECIFICATION									
FAN	Type	AC Plug Fan							
	Model		PF250	PF280	PF315	PF355	PF400	PF450	
	Quantity	set	1						

Direct Drive Cabinet Plug Fan			C25 C50	PF500	PF560	PF630	PF710	PF800	PF900
GENERAL DATA									
Duty Point Air Flow			CFM CMH	8800 14950	10000 16989	14000 23785	18000 30580	22000 37376	28000 47569
CASING	Frame Panel Insulation	Anodised extruded aluminium profile and nylon corner piece GI panels (Optional: Powder coated GI) 25mm / 50mm Rigid Polyurethane							
DIMENSION	Unit Height	mm	1000	1060	1110	1230	1350	1500	
	Unit Width	mm	1000	1060	1110	1230	1350	1500	
	Unit Depth	mm	1000	1060	1110	1230	1350	1500	
	Discharge Orientation	Front Discharge							
	SA Opening Height	mm	530	580	650	720	800	900	
	SA Opening Width	mm	530	580	650	720	800	900	
FAN & MOTOR SPECIFICATION									
FAN	Type	AC Plug Fan							
	Model		PF500	PF560	PF630	PF710	PF800	PF900	
	Quantity	set	1						

▶ OPERATING LIMITS

OPERATING LIMITS - BACKWARD CURVE FANS																		
Model		160	180	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000
Max. Installed Power	L		2.2	3	4	4	5.5	5.5	7.5	7.5	11	11	15	15	15			
	R		2.2	3	4	4	5.5	5.5	7.5	7.5	11	11	15	15	15			
	K			3	4	5.5	7.5	7.5	11	15	15	15	18.5	18.5	22	22	30	37
	K1							11	15	22	30	30	30	30	37	37	45	
	K2											37	37	45	55	55	75	75
Max. Speed	L		6800	6000	5800	4600	4000	3500	3300	2700	2500	2100	1950	1600	1300			
	R		6800	6000	5800	4600	4000	3500	3300	2700	2500	2100	1950	1600	1300			
	K			6800	6000	5400	4700	4100	3800	3100	2800	2350	2100	1700	1500	1200	1100	1000
	K1							4500	4000	3500	3200	2650	2400	2000	1700	1400	1250	
	K2											2800	2600	2300	2000	1650	1500	1300
Fan Weight	L		5.3	6.6	7.8	13.3	17.8	21	29	36	50	62	79					
	R		7.1	8.5	9.9	15.7	21	25	34	42	57	70	92	119	165			
	K			11.8	13.6	21	28	32	46	57	73	90	141	173	220	270	343	415
	K1							34	47	58	75	92	148	180	240	297	355	
	K2											110	153	185	250	305	375	450

ThermalTrue[®]

HVAC & R

Head Office :



Kawasan Sarana Industri Terpadu,
Jl. Industri Cikarang, Pasirgombong,
Cikarang Utara, Bekasi, JawaBarat
17550, Indonesia.



021-8935670/71



saleshvac@udarajadibersih.co.id
estimator@udarajadibersih.co.id



ThermalTrue



@ThermalTrue



ThermalTrue



@ThermalTrue