

Features

- Cabinet manufactured in galvanized steel, complete with inlet and outlet spigots.
- Internal acoustics lining is available, which offer better acoustics performance.
- Mounting brackets and access panel fitted as standard.
- Easy access for fan and motor service with removable access door panel.
- High efficiency forward curved DIDW impeller with galvanized steel scroll.
- 3 speed motor for H/M/L air volume induction motors with sealed for life bearing, suitable for single phase electrical supply.
- Speed selection through terminal switch at junction box according to wiring diagram supplied with the fan.
- Optional internal insulation reduction up to 5 dBA.

Technical Data Sheet

			DCD 160	DCD 180	DCD 200	DCD 250	DCD 280	DCD 300	DCD 350	DCD 400
Normal Performance										
Airflow @ 0 Pa	High Speed	CMH	810	1130	1410	2070	3230	3740	4880	5320
	Medium Speed	CMH	580	885	995	1585	2835	3300	4030	4560
	Low Speed	CMH	485	675	810	1290	2580	2950	3230	3610
SPL at 3m	High Speed	dB(A)	50	56	56	58	61	58	62	60
	Medium Speed	dB(A)	43	51	53	53	58	56	59	57
	Low Speed	dB(A)	41	47	49	51	56	54	55	53
Motor										
Voltage / Frequency		1 Ph - 230 V - 50 Hz								
Poles			4P	4P	4P	4P	4P	4P	6P	6P
Max. Power Consumption	High Speed	Watt	140	210	370	760	1200	1250	1220	1380
	Medium Speed	Watt	90	185	290	645	1010	1130	1100	1200
	Low Speed	Watt	70	160	210	580	880	1010	1010	1080
Nominal Motor Power		Watt	45	92	150	315	600	600	730	730
Class		Class B IP 20							Class F IP 20	
Speed Control										
3 Speed										
RPM	High Speed	RPM	1230	1250	1100	1000	1050	1050	800	800
	Medium Speed	RPM	950	1100	870	900	1000	1000	700	700
	Low Speed	RPM	750	820	700	750	900	900	600	600
Amp	High Speed	A	0.6	0.9	1.6	3.3	5.2	5.4	5.3	6.0
	Medium Speed	A	0.4	0.8	1.25	2.8	4.4	4.9	4.8	5.2
	Low Speed	A	0.3	0.7	0.9	2.5	3.8	4.4	4.4	4.7
Capacitor										
Capacitance		µF	5µF	4µF	5µF	4µF	16µF	16µF	25µF	25µF
Rated Voltage		Volt	500	500	500	500	500	500	500	500
Fan										
Size			DD 160/176	DD 185/176	DD 7/7	DD 9/7	DD 10/8	DD 10/10	DD 12/9	DD 12/12
Wheel Diameter		mm	160	185	200	250	280	280	330	330
Casing										
Material		Galvanised Steel								
Overall Dimension	H	mm	325	340	364	441	491	491	578	578
	W	mm	390	420	453	490	550	550	602	602
	L	mm	570	610	633	706	796	796	896	896
Weight		kg	12.5	14.3	16.4	24.6	31.6	33.6	37.4	39.4

Note : Noise level measurement conducted at free field at 3 meter