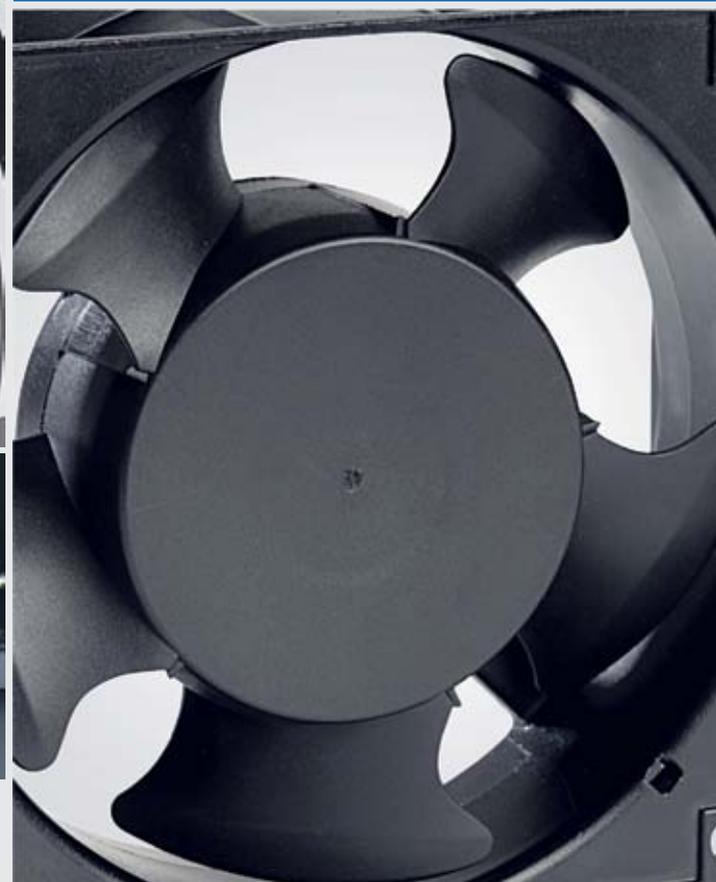


**HICOOL**<sup>TM</sup>  
*Air Moving Products*

PRODUCT OVERVIEW





Corporate Headquarters

## Quality with Integrity

Founded in 1988, Hicool is a leading manufacturer of motors, fans and blowers serving diverse markets and covering the entire scope of air moving technology and thermal solutions.

Our highly skilled team are driven every single day to create tailor-made solutions for complex applications in different industries. Our engineers are passionate about working very closely with our customers to meet their exact requirements in the most cost-effective way.

By having full control of our process chain, we are able to deliver unrivalled quality products with superior lifespans and reliability.

Hicool products enhance operational efficiency, save energy and improve customer product and equipment lifetime by providing the desired amount of temperature control.

With 2 state of the art manufacturing facilities and a yearly capacity of over 15 million motors we are able to cater to the rising demand of climate and temperature control products.

Do contact us for tailor-made solutions for your needs.



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# Selecting The Right Fan

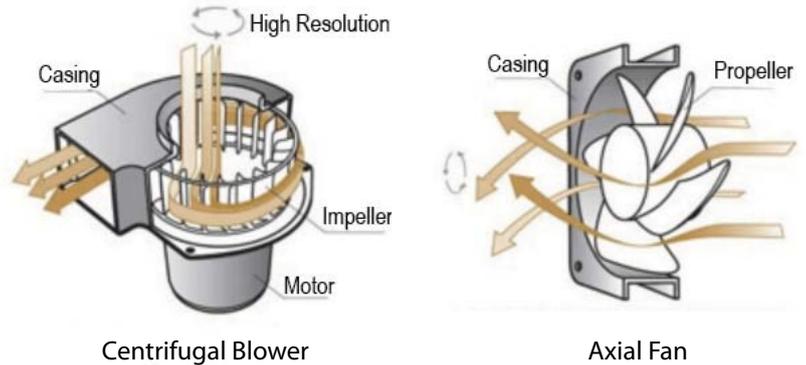
In recent years, the importance of cooling technology has become even greater due to an increase in heat emitted by equipment in line with a transition to high functionality and high speed. Therefore, selection of a right cooling fan for the application have become even more critical.

Based on the application, below parameters need to be determined for the right selection of the fan:

Fan Type	Airflow	Static Pressure	Atmospheric Condition	Ingress Protection
----------	---------	-----------------	-----------------------	--------------------

## Fan Type

Fans are generally categorized by the way the air enters and leaves the fan; if it exits in the same plane as it enters it is normally termed an axial fan, as to draw air in from one side and expel it from the other. If the airflow leaves in a different plane it is normally referred to as a centrifugal design, as the air drawn in changes direction inside the fan and is expelled in a different direction. Axial fans are predominantly suitable for high airflow in systems with low static pressure, while centrifugal fans offer lower airflow against higher static pressure.

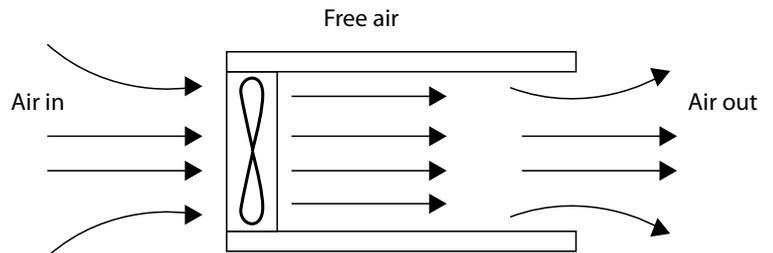


## Airflow

Once the fan type is known, the volume of air exchanged must be determined. Airflow is rated in cubic feet of air per minute (CFM) or in metric equivalent, it is rated in cubic meters per hour (M<sup>3</sup>/hr).

$$1 \text{ CFM} = 0.58858 \text{ M}^3/\text{hr}$$

Lower airflow will affect the cooling of equipment; therefore, it is always recommended to select a fan with airflow that is slightly higher than required.

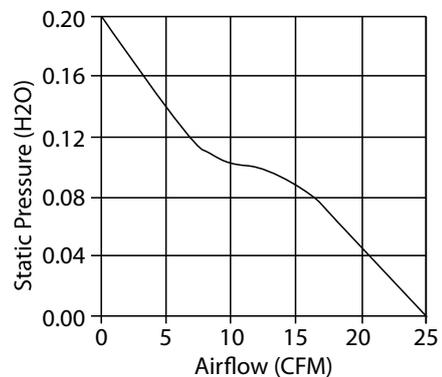


## Static Pressure

An accurate measurement of static pressure is critical for proper fan selection. Static Pressure is the resistance to airflow (friction) caused by the air moving through a pipe, duct, hose, filter etc. Static Pressure is rated in inches water gauge (inWG) or the metric equivalent, millimeters water gauge (mmWG).

$$1 \text{ inWG} = 25.4 \text{ mmWG}$$

The airflow given in our catalogue is at free air i.e. at 0 static pressure. Please ask for Airflow vs Static Pressure Chart before selecting a Fan.



## Atmospheric Condition

Apart from the above parameters while selecting a fan also consider the Atmospheric Condition near the fan. A fan should be operated within the operating temperature range given in the spec sheet. Fan should be selected based on the application (i.e. whether outdoor or indoor, dusty atmosphere etc). For dusty atmosphere it is always recommended to go for a fan with at least IP 44 protection and for outdoor application where the fan is exposed to the environment higher IP rating is required.

## What is Ingress Protection

Ingress protection ratings or IP ratings, refer to the level of protection offered by an electrical enclosure, against solids and liquids.

### SOLIDS

1



Protected against a solid object greater than 50mm such as hand

2



Protected against a solid object greater than 12.5mm such as finger

3



Protected against a solid object greater than 2.5mm such as a screwdriver

4



Protected against a solid object greater than 1mm such as a wire

5



Dust protected, limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours

6



Dust tight, no ingress of dust. Two to eight hours

### WATER

1



Protected against vertically falling drop of water. Limited ingress permitted. Duration 10 minutes

2



Protected against vertically falling drops of water with Fan tilted up to 15 degrees from the vertical. Duration 10 minutes, shall have no harmful effect.

3



Protected against sprays of water up to 60 degrees from the vertical. Duration 5 minutes, shall have no harmful effect.

4



Protected against water splashed from all directions. Duration 5 minutes, shall have no harmful effect.

5



Protected against jets of water. Duration 3 minutes, shall have no harmful effect.

6



Water projected from powerful source shall not enter the enclosure in harmful effect.

7



Protection against the effects of immersion in water between 15cm and 1 meter for 30 minutes

8



Protection against the effects of immersion in water under pressure for long periods

### IP Ratings Explained

E.g. IP 4 4

The first digit (4) represents the protection against solid objects and the second number (4), against water





## Compact Fans - DC Brushless



Model	Bearing	Voltage (VDC)	Current (mA)	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm H <sub>2</sub> O)	Noise (dBA)
<b>60X60X20mm (Also available 60X60X25mm)</b>							
6P12HSDC	Sleeve	12	180	4300	18	3.8	30
6P24HSDC	Sleeve	24	125	4300	18	3.8	30
<b>80X80X25mm (Available upto 58 CFM)</b>							
 8P12HSDC-L	Sleeve	12	120	3100	39	3.8	32
8P12HSDC-X	Sleeve	12	140	3200	41	4.5	33
8P12HSDC	Sleeve	12	200	3000	38	3.8	32
8P12HBDC	Ball	12	200	3000	38	3.8	32
8P24HSDC	Sleeve	24	150	3000	38	3.8	32
8P24HBDC	Ball	24	150	3000	38	3.8	32
8P48HBDC	Ball	48	70	3000	38	4.5	34
<b>92X92X25mm (Available upto 65 CFM)</b>							
9P12HSDC	Sleeve	12	300	2500	55	5	40
9P12HBDC	Ball	12	300	2500	55	5	40
9P24HSDC	Sleeve	24	200	2500	55	5	40
9P24HBDC	Ball	24	200	2500	55	5	40
9P48HSDC	Sleeve	48	100	3000	55	5	40
9P48HBDC	Ball	48	100	3000	55	5	40

**Additional Features - Fan Failure Alarm ■ Alarm Signal For Speed Monitoring ■ PWM ■ Higher Air Flow ■ Non-standard voltages**

## Compact Fans - DC Brushless



Model	Bearing	Voltage (VDC)	Current (mA)	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm H <sub>2</sub> O)	Noise (dBA)
<b>120X120X38mm (Available upto 240 CFM)</b>							
12P12HSDC	Sleeve	12	350	3000	105	8	48
12P12HBDC	Ball	12	350	3000	105	8	48
12P24HSDC	Sleeve	24	250	3000	105	8	48
12P24HBDC	Ball	24	250	3000	105	8	48
12P48HSDC	Sleeve	48	105	3000	105	8	48
12P48HBDC	Ball	48	105	3000	105	8	48
12P48H1BDC (190CFM)	Ball	48	400	4200	192	17.1	54.6
12P48H1BDC(240CFM)	Ball	48	1330	5500	285	47.1	69.5
<b>172X150X51mm &amp; 172X172X55mm (Available upto 282 CFM)</b>							
17A12HBDC	Ball	12	1600	3000	210	13	58
17A24HBDC	Ball	24	750	3000	210	13	58
17A48HBDC	Ball	48	450	3000	210	13	58
<b>220ΦX60mm &amp; 220X220X60mm</b>							
22A12HBDC	Ball	12	4000	2900	400	28	62
22A24HBDC	Ball	24	2000	2900	400	28	62
22A48HBDC	Ball	48	1000	2900	400	28	62

**Additional Features - Fan Failure Alarm ■ Alarm Signal For Speed Monitoring ■ PWM ■ Higher Air Flow ■ Non-standard voltages ■ 17A and 22A models available in square and round casings**

## Compact Fans - AC



Model	Bearing	Voltage (VAC)	Frequency (Hz)	Current (mA)	Speed (RPM)	Watt (W)	Air Flow (CFM)	Static Pressure (mm H <sub>2</sub> O)	Noise (dBA)
<b>80X80X25mm</b>									
8A115HBAC	Ball	115	50/60	210/180	2300/2800	14/12	21/25	4/4.8	29/34
8A115HSAC	Sleeve	115	50/60	210/180	2300/2800	14/12	21/25	4/4.8	29/34
8A230HBAC	Ball	230	50/60	70/60	2300/2800	14/12	21/25	4/4.8	29/34
8A230HSAC	Sleeve	230	50/60	70/60	2300/2800	14/12	21/25	4/4.8	29/34
<b>92X92X25mm</b>									
9A115HBAC	Ball	115	50/60	210/180	2300/2800	14/14	36/42	5/6	36/38
9A115HSAC	Sleeve	115	50/60	210/180	2300/2800	14/14	36/42	5/6	36/38
9A230HBAC	Ball	230	50/60	70/60	2300/2800	14/12	36/42	5/6	36/38
9A230HSAC	Sleeve	230	50/60	70/60	2300/2800	14/12	36/42	5/6	36/38
<b>120X120X38mm</b>									
12A24HBAC	Ball	24	50/60	1000/900	2600/2800	18/17	95/102	8.4/9.4	43/46
12A24HSAC	Sleeve	24	50/60	1000/900	2600/2800	18/17	95/102	8.4/9.4	43/46
12A115HBAC	Ball	115	50/60	170/145	2600/2800	14/12	95/102	8.4/9.4	43/46
12A115HSAC	Sleeve	115	50/60	170/145	2600/2800	14/12	95/102	8.4/9.4	43/46
12A230HBAC	Ball	230	50/60	100/90	2600/2800	18/17	95/102	8.4/9.4	43/46
12A230HSAC	Sleeve	230	50/60	100/90	2600/2800	18/17	95/102	8.4/9.4	43/46
12A415HBAC	Ball	415	50/60	70/60	2600/2800	20/20	95/102	8.4/9.4	43/46
12A415HSAC	Sleeve	415	50/60	70/60	2600/2800	20/20	95/102	8.4/9.4	43/46
 B12038230H	Ball	230	50/60	250	4500	30	243	29.2	64
 12A230HSAC-EC	Sleeve	230	50/60	30	2950	5.8	105	7.0	43
 12A230HSAC-EC-X	Sleeve	230	50/60	100	4200	13.0	135	17	55

■ Ask for Low Noise versions

Specifications subject to change without notice

## Compact Fans - AC



Model	Bearing	Voltage (VAC)	Frequency (Hz)	Current (mA)	Speed (RPM)	Watt (W)	Air Flow (CFM)	Static Pressure (mm H <sub>2</sub> O)	Noise (dBA)
<b>172Φx150x51mm &amp; 172x172x55mm</b>									
17A115HBAC	Ball	115	50/60	450/450	2600/2750	41/38	190/235	16/21	52/55
17A115HSAC	Sleeve	115	50/60	450/450	2600/2750	41/38	190/235	16/21	52/55
17A230HBAC	Ball	230	50/60	250/245	2600/2750	38/37	190/235	16/21	52/55
17A230HSAC	Sleeve	230	50/60	250/245	2600/2750	38/37	190/235	16/21	52/55
17A415HBAC	Ball	415	50/60	125/125	2600/2750	38/38	190/235	16/21	52/55
17A415HSAC	Sleeve	415	50/60	125/125	2600/2750	38/38	190/235	16/21	52/55
<b>220ΦX60mm &amp; 220X220X60mm</b>									
22A115HBAC	Ball	115	50	550	2300	50	360	23	56
22A115HSAC	Sleeve	115	50	550	2300	50	360	23	56
22A230HBAC	Ball	230	50	320	2300	50	360	23	56
22A230HSAC	Sleeve	230	50	320	2300	50	360	23	56
22A230HSAC-X	Sleeve	230	50/60	320/350	2600/2700	55/60	430/450	28/29	56/57
22A230HBAC-X	Sleeve	230	50/60	320/350	2600/2700	55/60	430/450	28/29	56/57
22A415HBAC	Ball	415	50	200	2300	50	360	23	56
22A415HSAC	Sleeve	415	50	200	2300	50	360	23	56

■ Ask for Low Noise versions  
17A and 22A models available in square and round casings

Specifications subject to change without notice

## Compact Fans - All Metal



### AC Axial

Model	Bearing	Voltage (VAC)	Frequency (Hz)	Current (mA)	Speed (RPM)	Watt (W)	Air Flow (CFM)	Static Pressure (mm H <sub>2</sub> O)	Noise (dBA)
<b>120 x 120 x 38 mm - Metal</b>									
12A230HBAC-M	Ball	230	50/60	100/90	2700/3100	17/15	95/107	8.4/9.4	42/46
<b>172 x 150 x 55 mm - Metal</b>									
17A230HBAC-M	Ball	230	50/60	250/230	2800/3250	42/42	195/230	14/16	49/53
<b>225 x 225 x 80 mm - Metal</b>									
225A230HBAC-M	Ball	230	50/60	300/325	2500/2800	65/70	530/600	17/14	59/61
<b>280 x 280 x 80 mm - Metal</b>									
280A230HBAC-M	Ball	230	50/60	590/820	2500/2700	119/130	1090/1130	16.5/20	68/70

Also available 115VAC & 415VAC

### DC Brushless

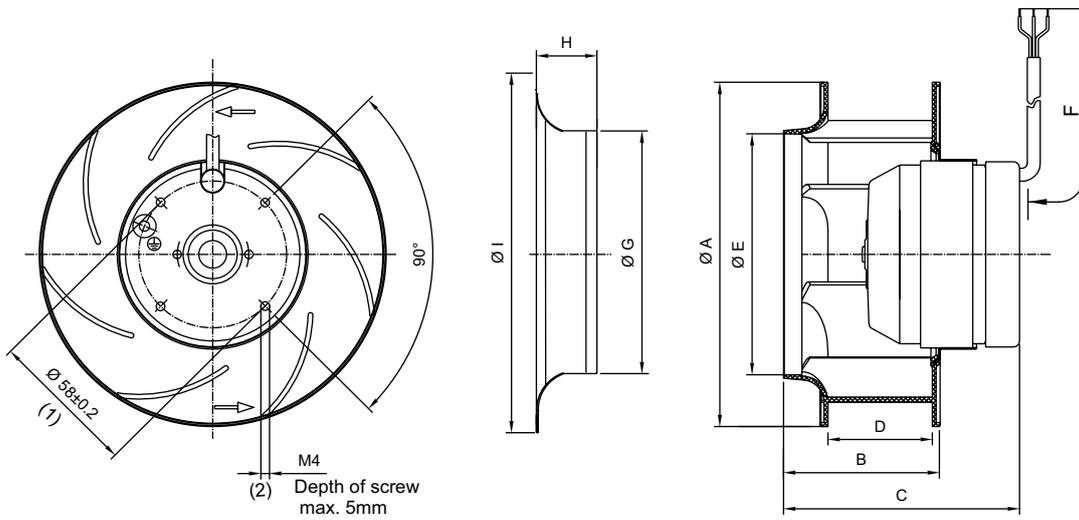
Model	Bearing*	Voltage (VDC)	Current (mA)	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm H <sub>2</sub> O)	Noise (dBA)
<b>225 x 225 x 80 mm - Metal</b>							
225A48HBDC - M	Ball	48	1100	2850	647	25	67
<b>280 x 280 x 80 mm - Metal</b>							
280A48HBDC - M	Ball	48	1900	2700	1130	22	69

Specifications subject to change without notice

# Backward Curved Fans



Model	Size mm	Phase	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (M <sup>3</sup> /hr)	Noise dBA	Cap µf/450V	wt Kg
BCF-133	Φ130 x 54	Single	230	50	0.12	26	2550	220	60/62	1	1
BCF-180	Φ180 x 49	Single	230	50/60	0.40/0.34	61/66	2500/2700	440/470	59/62	2	1.2
BCF-190	Φ192 x 60	Single	230	50/60	0.39/0.48	80/90	2400/2600	570/630	62/65	2	1.6
BCF-220	Φ220 x 63	Single	230	50/60	0.44/0.50	95/120	2400/2600	800/865	65/68	3	2.7
BCF-225	Φ225 x 90	Single	230	50	0.57	129	2650	1070	79	4	2.7
BCF-250	Φ250 x 82	Single	230	50/60	0.83/1.13	190/250	2700/3030	1540/1660	74/76	6	3
BCF-355	Φ355 x 174	Single	230	50	1.12	245	1400	2800	74	8	5.6
BCF-400	Φ400 x 185	Single	230	50	1.6	370	1370	3653	77	12	6.8



Only for BCF- 355 & 400  
 (1) Ø 90  
 (2) M6 and Depth of screw max.12mm

## Dimensions (mm)

Model	A	B	C	D	E	F	G	H	I
BCF-133	133	53.6	77.5	42	93	600	87	13	129
BCF-180	180	49	69	35	131	930	125	14	170
BCF-190	192	60	70	40	132	930	125	14	170
BCF-220	220	63	71	45	159	930	156.2	21	252
BCF-225	225	90	99	63	159	930	145	28	223
BCF-250	252	84.3	102	56	172	930	167	33	255
BCF-355	359	174	195	121	250	520	239	31	350
BCF-400	413	185	236	123	270	990	255	58	370

Available in DC Voltages  
 Few sizes available in 3 Phase

Specifications subject to change without notice

# Large Axial Fans



Model	Size in inch	Poles	Phase	Voltage (VAC)	Current (A)	Power (W)	Speed (RPM)	Airflow (M <sup>3</sup> /hr)	Airflow (CFM)	Noise dBA	Capacitor uf	wt Kg
2E-200	8	2	Single	230	0.30	65	2400	850	500	55	2	2.5
4E-200	8	4	Single	230	0.21	45	1450	450	265	46	1.5	2.5
4D-200	8	4	Three	415	0.12	35	1450	450	265	46	-	2.5
2D-200	8	2	Three	415	0.22	65	2400	850	500	55	-	2.5
2E-250	10	2	Single	230	0.55	115	2400	1730	1018	65	3	3.0
4E-250	10	4	Single	230	0.30	60	1400	950	559	53	2	3.0
4D-250	10	4	Three	415	0.25	60	1400	950	559	53	-	3.0
2D-250	10	2	Three	415	0.25	115	2400	1730	1018	65	-	3.0
2E-300	12	2	Single	230	0.66	145	2300	2300	1354	65	4	3.3
4E-300	12	4	Single	230	0.42	85	1380	1850	1089	54	3	3.3
4D-300	12	4	Three	415	0.22	75	1380	1850	1089	54	-	3.3
2D-300	12	2	Three	415	0.35	145	2300	2300	1354	65	-	3.3
4E-350	14	4	Single	230	0.65	140	1380	2600	1530	58	4	4.9
4D-350	14	4	Three	415	0.38	140	1380	2600	1530	58	-	4.9
4E-400	16	4	Single	230	0.82	180	1380	4000	2354	65	6	5.6
4D-400	16	4	Three	415	0.47	180	1380	4000	2354	65	-	5.6
4E-450	18	4	Single	230	1.2	250	1380	5500	3237	66	8	7.2
4D-450	18	4	Three	415	0.6	250	1380	5500	3237	66	-	7.2
4E-500	20	4	Single	230	1.75	380	1320	7155	4211	71	10	9.0
4D-500	20	4	Three	415	1.20	350	1410	7395	4353	71	-	9.0

Frequency (Hz) - 50  
E-Single Phase D- Three Phase

All models available in Suction (S) and Blow (B)  
Also available 115VAC

Specifications subject to change without notice  
Also available in 6 pole motors

# Large Axial Fans

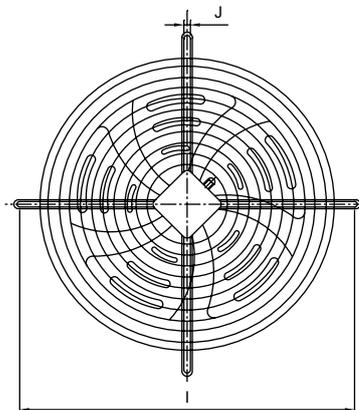
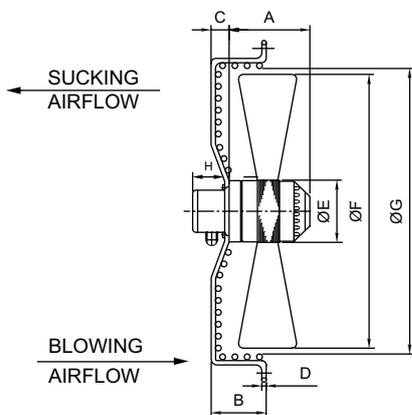


Model	Size in inch	Poles	Phase	Voltage (VAC)	Current (A)	Power (W)	Speed (RPM)	Airflow (M <sup>3</sup> /hr)	Airflow (CFM)	Noise dBA	Capacitor uf	wt Kg
4E-550	22	4	Single	230	2.55	550	1300	8510	5009	72	12	11.0
4D-550	22	4	Three	415	1.15	470	1395	8920	5250	72	-	11.0
4E-600	24	4	Single	230	3.2	700	1360	10040	5909	74	16	14.0
4D-600	24	4	Three	415	1.46	765	1370	11000	6478	74	-	14.0
6D-600	24	6	Three	415	1.6	520	950	10285	6054	70	-	14.0
4D-630	25	4	Three	415	1.6	815	1320	12420	7310	75	-	15.0
6D-630	25	6	Three	415	1.6	550	900	11785	6936	71	-	15.0
6D-710	28	6	Three	Δ415	1.9	900	900	15120	8899	73	-	30.0
6D-710	28	6	Three	Y415	1.15	650	730	13050	7681	72	-	30.0
6D-800	32	6	Three	Δ415	2.85	1200	920	20695	12181	75	-	35.0
6D-800	32	6	Three	Y415	1.65	930	770	17635	10380	74	-	35.0

Frequency (Hz) - 50  
E-Single Phase D- Three Phase

All models available in Suction (S) and Blow (B)  
Also available 115VAC

Specifications subject to change without notice  
Also available in 6 pole motors



Dimensions (mm)

Size	A	B	C	D	E	F	G	H	I	J
200	66	45	-	4	92	200	220	60	260	6
250	76	55	-	4	92	250	275	60	320	7
300	86	80	30	4	92	300	320	60	360	7
350	104	80	30	5	102	350	370	60	422	9.5
400	117	90	30	5	102	400	420	60	470	9.5
450	130	90	30	6	102	450	470	60	522	9.5
500	129	90	30	6	137	500	520	60	570	10.5
550	144	100	30	6	137	550	570	60	622	10.5
600	164	100	30	7.5	137	600	620	60	679	10.5
630	164	100	30	7.5	137	630	650	60	750	10.5
710	191	175	55	10	180	703	770	60	840	14.0
800	191	175	55	10	180	784	857	60	920	14.0

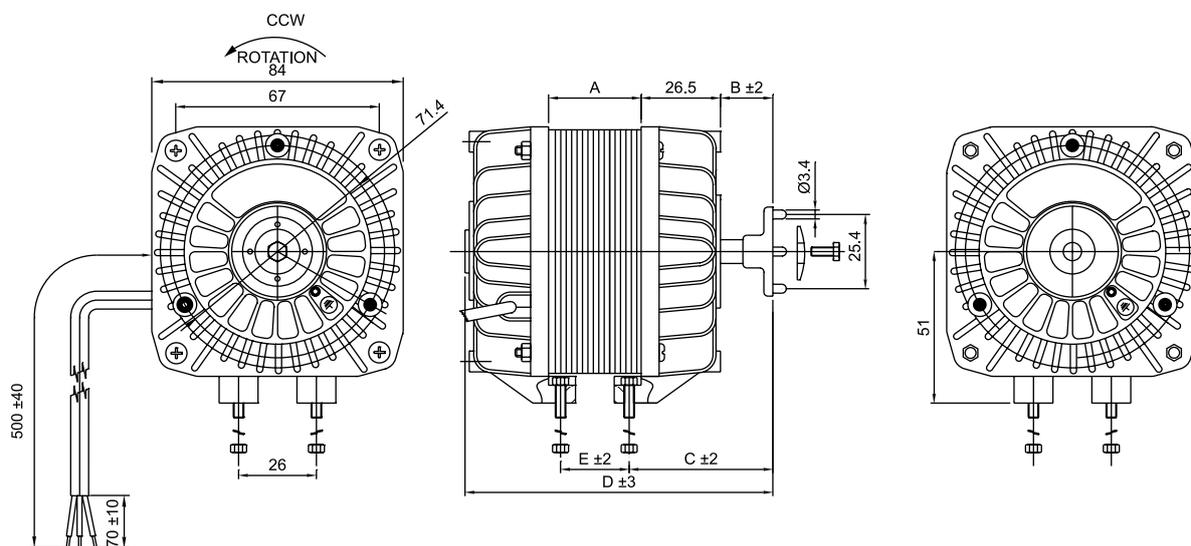
# Q Motors



Model	Poles	Voltage (VAC)	Frequency (Hz)	Input Watt	Output Watt	Speed (RPM)	Fan Blade	Rotation
83 A 230 SAC-5	4	230	50Hz	30	5	1300	200	CCW
83 A 230 SAC-7	4	230	50Hz	35	7	1300	230	CCW
83 A 230 SAC-10	4	230	50Hz	45	10	1300	230	CCW
83 A 230 SAC-16	4	230	50Hz	50	16	1300	254	CCW
83 A 230 SAC-18	4	230	50Hz	70	18	1300	254	CCW
83 A 230 SAC-25	4	230	50Hz	90	25	1300	300	CCW
83 A 230 SAC-34	4	230	50Hz	110	34	1300	300	CCW

Also available in Ball Bearing

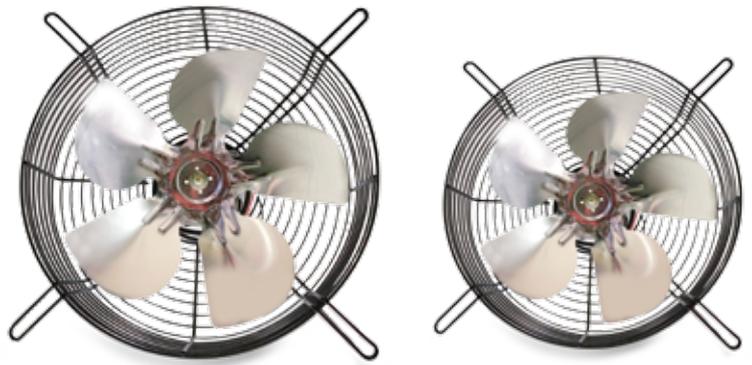
Specifications subject to change without notice



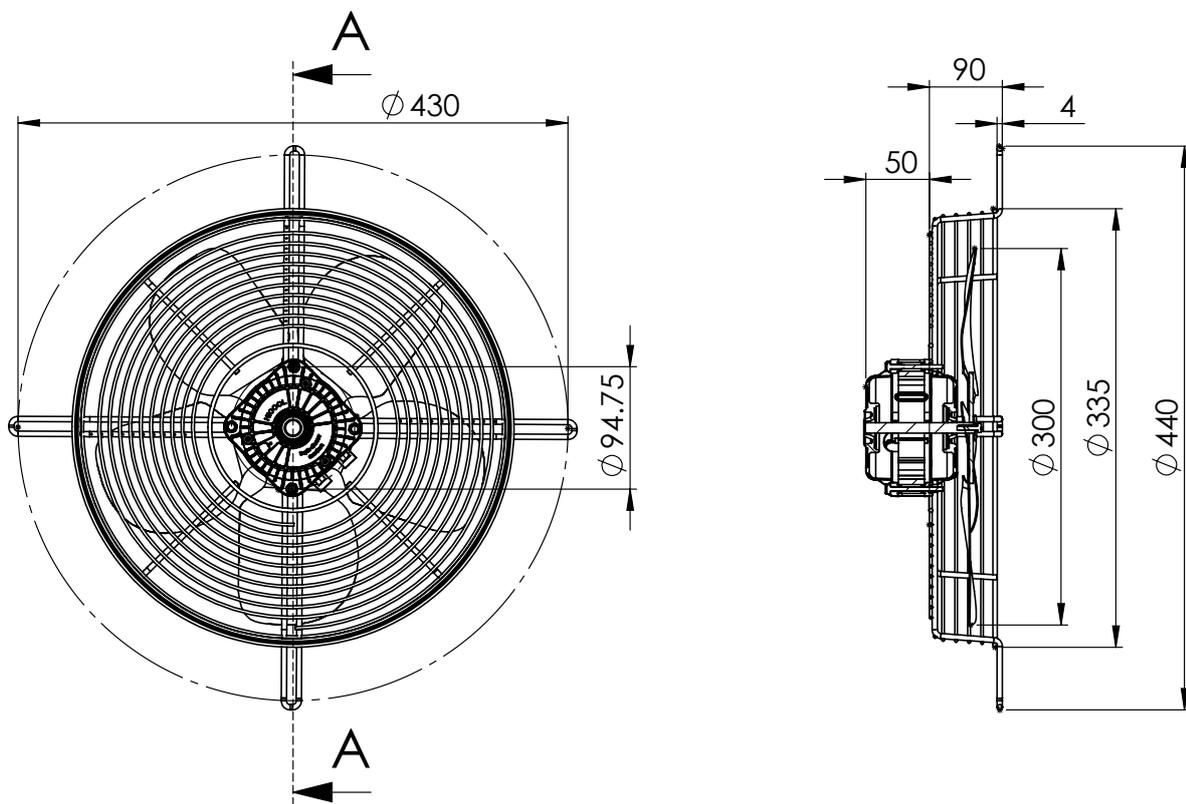
Dimensions (mm)

Model	A	B	C	D	E
83 A 230 SAC-5	13	13	44	79	-
83 A 230 SAC-7	20	16	44	86	-
83 A 230 SAC-10	20	16	44	86	-
83 A 230 SAC-16	25	16	45	92	-
83 A 230 SAC-18	30	17	48	101	21
83 A 230 SAC-25	40	18	49	112	31
83 A 230 SAC-34	45	24	53	121	36

# Elevator Cabin Fans



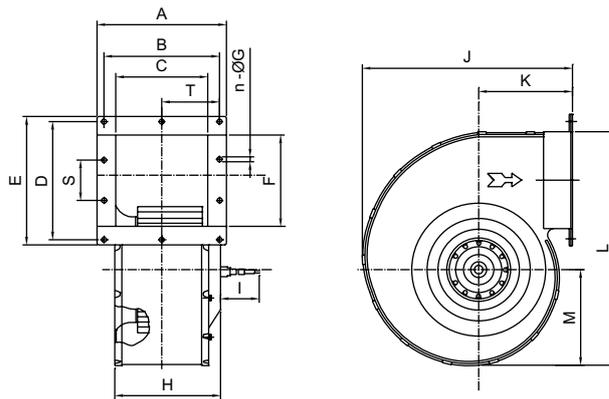
Model	Voltage (VAC)	Frequency (Hz)	Current (A)	Speed (RPM)	Power (W)	Fan Blade	Airflow (M <sup>3</sup> /hr)
83A230SAC-10-EF	230	50	0.35	1200	55	300/22°	1100



# Centrifugal Blowers Single Inlet



Model	Size mm	Phase	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (M <sup>3</sup> /hr)	Noise (dBA)	Cap μf/450V	wt Kg
CFB2E-120S	Φ120X50	Single	230	50	0.37	81	2180	280	73	2.0	2.0
CFB2E-140S	Φ140X65	Single	230	50	0.90	220	2350	480	73	6.0	2.9
CFB2E-150S	Φ150X65	Single	230	50	1.0	220	2300	475	60	4.0	3.8
CFB2E-160S	Φ160X65	Single	230	50	1.30	280	2100	600	73	6.0	4.0
CFB2E-180S	Φ180X55	Single	230	50	1.85	420	2000	750	74	8.0	6.1
CFB4E-180S	Φ180X95	Single	230	50	0.99	230	1350	1130	66	5.0	6.6
CFB4E-200S	Φ200X105	Single	230	50	1.30	290	1330	1365	70	6.0	8.0
CFB4E-225S	Φ225X105	Single	230	50	2.55	520	1330	1800	74	8.0	10.0
CFB4D-225S	Φ225X105	Three	415	50	0.84	460	1310	1800	74	-	10.0



Dimensions (mm)

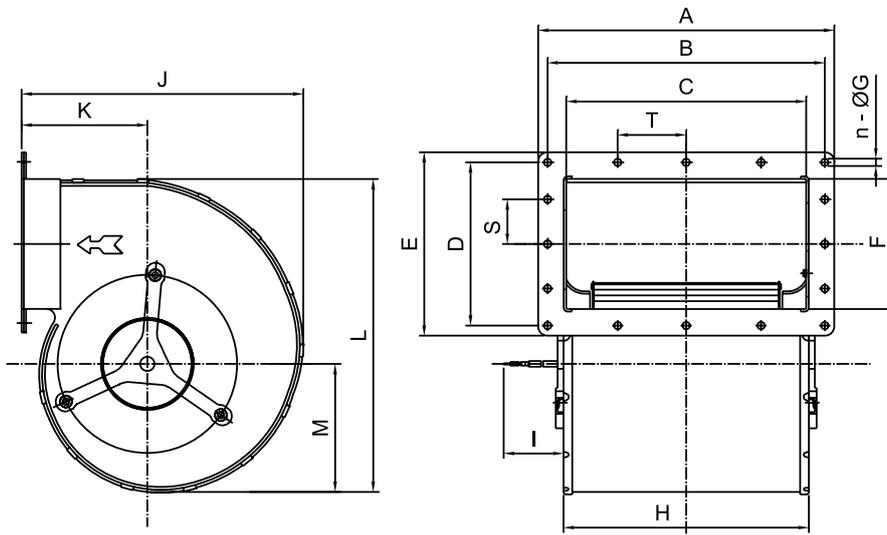
Model	A	B	C	D	E	F	n-ΦG	H	I	J	K	L	M	S	T
CFB2E-120S	130	110	78	91.4	108	68	4-6.3	99	450	174	84	180	79	-	-
CFB2E-140S	135	120	99	110	128	92	4-6.5	105	1000	228	105	245	107	-	-
CFB2E-150S	102	90	72	120	140	92	4-7.0	105	1000	228	105	245	107	-	-
CFB2E-160S	135	120	99	110	128	92	4-6.5	105	1000	228	105	245	107	-	-
CFB2E-180S	125	110	85	135	150	110	4-7.0	132	1000	261	120	281	123	-	-
CFB4E-180S	180	2X80	130	2X90	188	135	8-6.5	168	1000	297	141	340	132	90	80
CFB4E-200S	195	2X87.5	145	2X90	199.5	150	8-6.5	172	1000	329	147	371	151.5	90	87.5
CFB4D-225S	195	2X87.5	145	2X90	199.5	150	8-6.6	172	1000	328	158	371	151.5	90	87.5

Specifications subject to change without notice

# Centrifugal Blowers Dual Inlet



Model	Size mm	Phase	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (M <sup>3</sup> /hr)	Noise (dBA)	Cap μf/450V	wt Kg
CFB2E-133D	Φ133X180	Single	230	50	0.70	170	1500	680	60	4.0	3.7
CFB2E-146D	Φ146X180	Single	230	50	1.80	420	1800	950	61	10.0	4.5
CFB4E-160D	Φ160X210	Single	230	50	0.90	200	1380	1240	64	5.0	6.0
CFB4D-180D	Φ180X195	Three	415	50	0.65	350	1350	1900	63	-	9.8
CFB4D-200D	Φ200X210	Three	415	50	0.91	480	1100	2500	64	-	12
CFB4D-225D	Φ225X210	Three	415	50	1.17	690	1050	2950	65	-	12.6



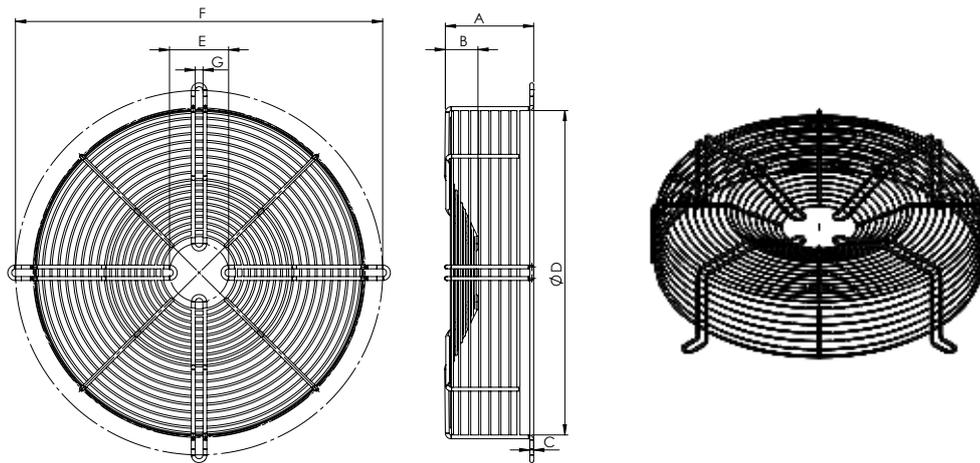
Dimensions (mm)

Model	A	B	C	D	E	F	n-ΦG	H	I	J	K	L	M	S	T
CFB2E-133D	255	237	215	92	110	70	6-Φ6.0	217	1000	174	90	180	79	-	-
CFB2E-146D	270	252	230	122	140	100	6-Φ6.0	232	1000	225	100	218	97	-	-
CFB4E-160D	270	2x126	230	129	145	105	8-Φ6.0	235	1000	235	105	245	107	-	126
CFB4D-180D	300	4X70	250	4X63.5	275	225	16-Φ7.0	252	1000	297	133	333	136	63.5	70
CFB4D-200D	330	4X77.5	280	4X70	300	250	16-Φ7.0	282	1000	329	147	370	151	70	77.5
CFB4D-225D	330	4X77.5	280	4X70	300	250	16-Φ7.0	282	1000	328	158	370	151	70	77.5

Specifications subject to change without notice

# Accessories

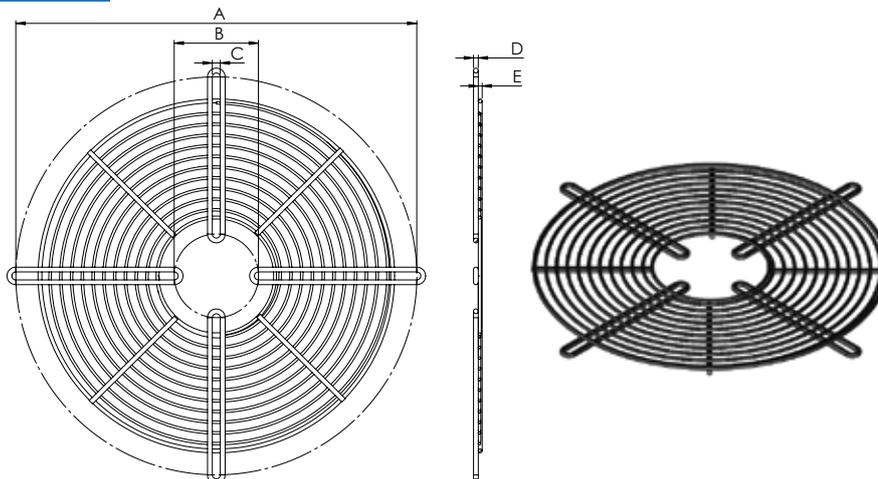
## Axial Fan Basket Grill



Dimensions (mm)

Model	Size	A	B	C	D	E	F	G
BGA 200	200 mm	45	-	4	220	58.5	260	7
BGA 250	250 mm	55	-	4	275	58.5	320	7
BGA 300	300 mm	80	30	4	320	58.5	360	7
BGA 350	350 mm	80	30	5	370	89.5	422	9.5
BGA 400	400 mm	90	30	5	420	89.5	470	9.5
BGA 450	450 mm	90	30	6	470	89.5	522	9.5
BGA 500	500 mm	90	30	6	520	120	570	10.5
BGA 550	550 mm	100	30	6	570	120	622	10.5
BGA 600	600 mm	100	30	7.5	620	120	679	10.5
BGA 630	630 mm	100	30	7.5	650	120	750	10.5

## Axial Fan Flat Grill



Dimensions (mm)

Model	Size	A	B	C	D	E
FGA 200	200 mm	260	58.5	6.5	4	3
FGA 250	250 mm	320	58.5	6.5	4	3
FGA 300	300 mm	360	58.5	7	4	3.5
FGA 350	350 mm	422	89.5	9.5	5	4
FGA 400	400 mm	470	89.5	9.5	5	4
FGA 450	450 mm	522	89.5	9.5	5	4
FGA 500	500 mm	570	120	10.5	6	4
FGA 550	550 mm	622	120	9.25	6	4

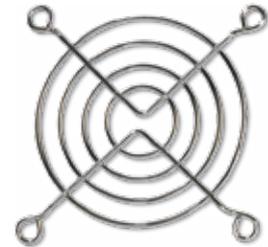
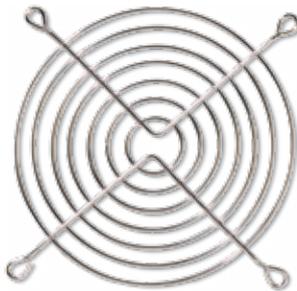
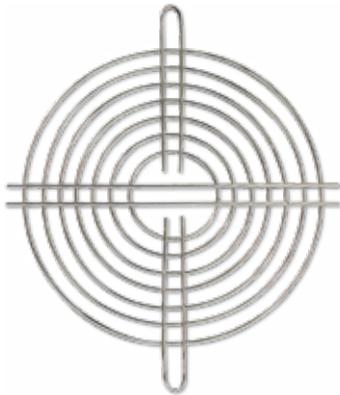
Also available in Stainless Steel

# Accessories

## Compact Fan Accessories



Plastic Finger Guards



Metal Finger Guards - Chrome & Powder Coated

## Q Motors Accessories



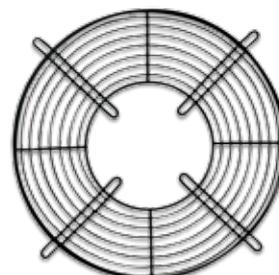
Aluminium Blades(sucking & blowing) available in dia 154,172,200,230,254&300mm.Pitch available from 19° upto 34°



Bracket



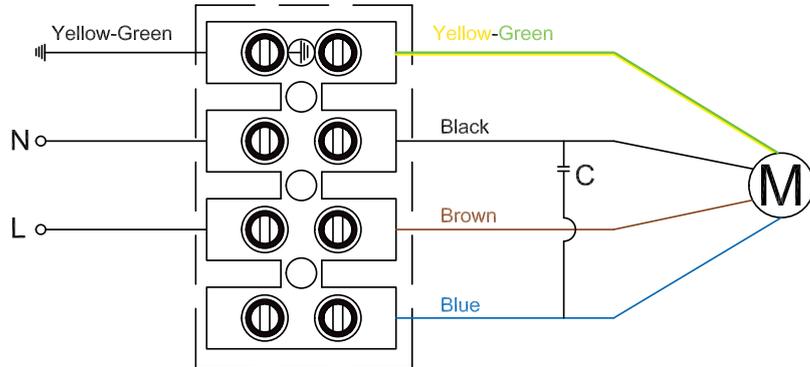
Wall Ring



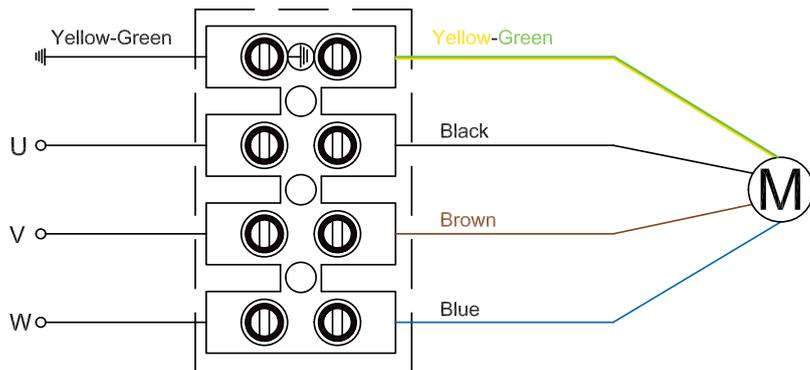
Basket Grill

# Axial Fan Connection Diagrams

Model:-200-630mm  
Single Phase

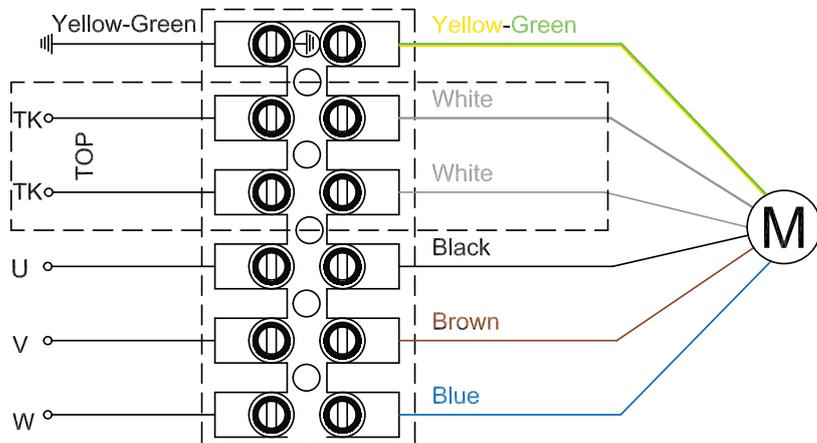
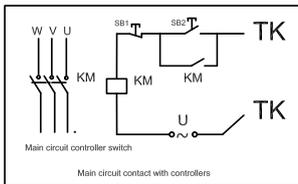


Model:-200-250mm  
Three Phase



Note:- Direction of rotation is reversed by swapping two line phaser

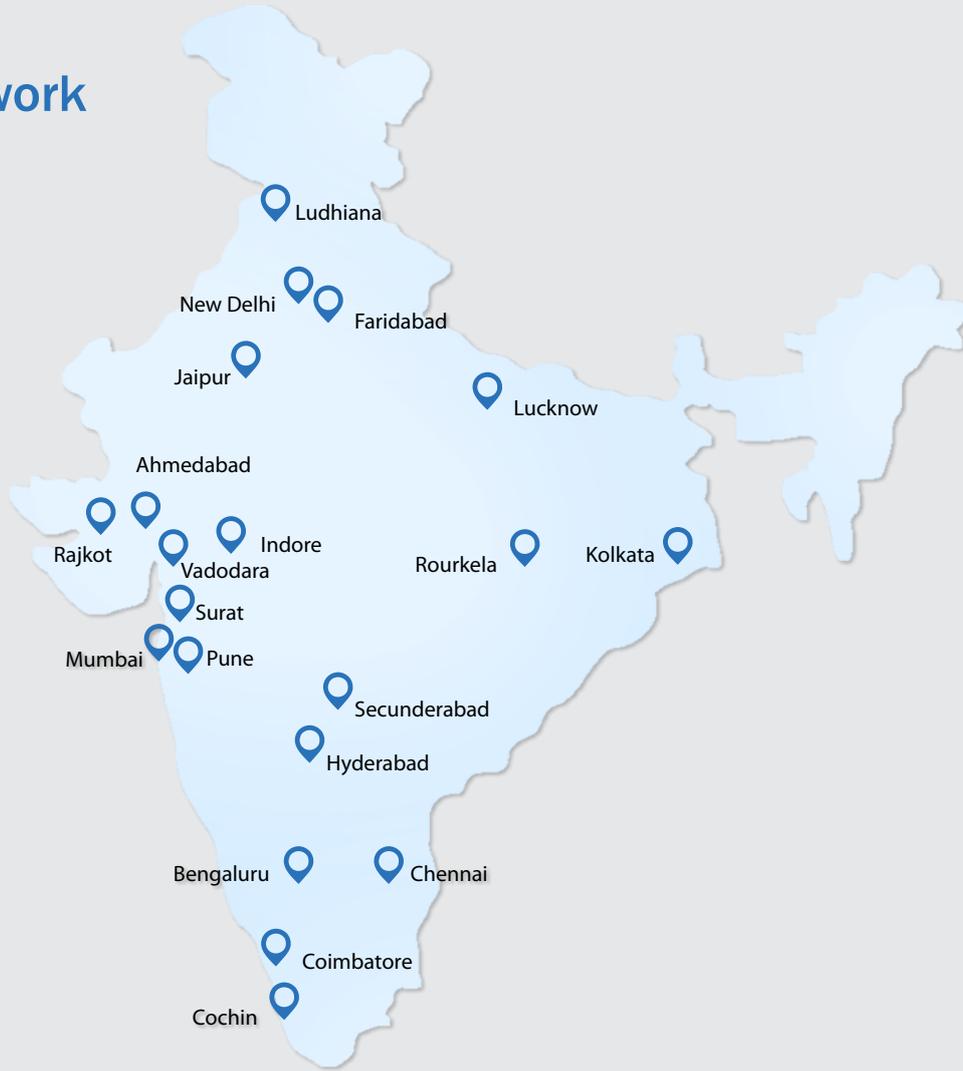
Model:-300-630mm  
Three Phase



Note:- Direction of rotation is reversed by swapping two line phaser



# India Network



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