



Smart

**Eco-friendly**

Cost effective

The way

**Technology**

should be

## Unrivalled Performance



Corporate Headquarters

Founded in 1988, Hicool is a leading brand in air moving products serving diverse markets including IT & Telecom, HVAC, Refrigeration, Industrial, Drive Systems, Automotive & Rail Technology, Medical & many more.

Our highly skilled & experienced engineers are ready to tackle your most difficult air moving challenges & offer tailored solutions that meet your requirements ensuring lowest lifetime cost.

Passionately involved in R&D we strongly believe in continuous improvement.

With state-of-the-art manufacturing facility, production capacity of over three million motors, test lab for performance, conditioning, endurance, noise level, airflow and static pressure, in house tools & dies development, small volume custom developed products, short turnaround time for samples - are a few reasons why customers are our loyal fans!

Do contact us to find the optimum solution for your individual application.



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# 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>                      |          |               |              |             |                |                                       |             |
| 8P12HBDC                                                       | Ball     | 12            | 200          | 3000        | 38             | 4.5                                   | 34          |
| 8P24HBDC                                                       | Ball     | 24            | 150          | 3000        | 38             | 4.5                                   | 34          |
| 8P48HBDC                                                       | Ball     | 48            | 70           | 3000        | 38             | 4.5                                   | 34          |
| <b>92X92X25mm (Available upto 65 CFM)</b>                      |          |               |              |             |                |                                       |             |
| 9P12HBDC                                                       | Ball     | 12            | 300          | 2500        | 55             | 5                                     | 40          |
| 9P24HBDC                                                       | Ball     | 24            | 200          | 2500        | 55             | 5                                     | 40          |
| 9P48HBDC                                                       | Ball     | 48            | 100          | 3000        | 55             | 5                                     | 40          |
| <b>120X120X38mm</b>                                            |          |               |              |             |                |                                       |             |
| 12P12HBDC                                                      | Ball     | 12            | 350          | 3000        | 105            | 8                                     | 50          |
| 12P24HBDC                                                      | Ball     | 24            | 250          | 3000        | 105            | 8                                     | 50          |
| 12P48HBDC                                                      | Ball     | 48            | 105          | 3000        | 105            | 8                                     | 50          |
| 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; 172x172x51mm (Available upto 282CFM)</b> |          |               |              |             |                |                                       |             |
| 17A12HBDC                                                      | Ball     | 12            | 1600         | 3000        | 210            | 13                                    | 60          |
| 17A24HBDC                                                      | Ball     | 24            | 750          | 3000        | 210            | 13                                    | 60          |
| 17A48HBDC                                                      | Ball     | 48            | 450          | 3000        | 210            | 13                                    | 60          |

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



# 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                               | 42/45       |
| 12A24HSAC                           | Sleeve   | 24            | 50/60          | 1000/900     | 2600/2800   | 18/17    | 95/102         | 8.4/9.4                               | 42/45       |
| 12A115HBAC                          | Ball     | 115           | 50/60          | 170/145      | 2600/2800   | 14/12    | 95/102         | 8.4/9.4                               | 42/45       |
| 12A115HSAC                          | Sleeve   | 115           | 50/60          | 170/145      | 2600/2800   | 14/12    | 95/102         | 8.4/9.4                               | 42/45       |
| 12A230HBAC                          | Ball     | 230           | 50/60          | 100/90       | 2600/2800   | 18/17    | 95/102         | 8.4/9.4                               | 42/45       |
| 12A230HSAC                          | Sleeve   | 230           | 50/60          | 100/90       | 2600/2800   | 18/17    | 95/102         | 8.4/9.4                               | 42/45       |
| 12A415HBAC                          | Ball     | 415           | 50/60          | 70/60        | 2600/2800   | 20/20    | 95/102         | 8.4/9.4                               | 42/45       |
| 12A415HSAC                          | Sleeve   | 415           | 50/60          | 70/60        | 2600/2800   | 20/20    | 95/102         | 8.4/9.4                               | 42/45       |
| B12038230H                          | Ball     | 230           | 50/60          | 250          | 4500        | 30       | 243            | 29.2                                  | 64          |
| <b>172Φx150x51 &amp; 172x172x51</b> |          |               |                |              |             |          |                |                                       |             |
| 17A115HBAC                          | Ball     | 115           | 50/60          | 450/450      | 2600/2750   | 41/38    | 190/235        | 16/21                                 | 45/50       |
| 17A115HSAC                          | Sleeve   | 115           | 50/60          | 450/450      | 2600/2750   | 41/38    | 190/235        | 16/21                                 | 45/50       |
| 17A230HBAC                          | Ball     | 230           | 50/60          | 250/245      | 2600/2750   | 38/37    | 190/235        | 16/21                                 | 45/50       |
| 17A230HSAC                          | Sleeve   | 230           | 50/60          | 250/245      | 2600/2750   | 38/37    | 190/235        | 16/21                                 | 45/50       |
| 17A415HBAC                          | Ball     | 415           | 50/60          | 125/125      | 2600/2750   | 38/38    | 190/235        | 16/21                                 | 45/50       |
| 17A415HSAC                          | Sleeve   | 415           | 50/60          | 125/125      | 2600/2750   | 38/38    | 190/235        | 16/21                                 | 45/50       |
| <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          |
| 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

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          | 400/425      | 2500/2700   | 80/85    | 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   | 119/158  | 1090/1130      | 16.5/20                               | 68/70       |

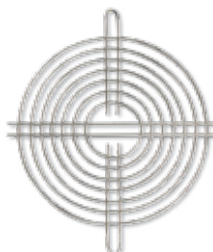
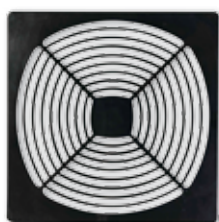
Also available 115VAC & 415VAC

## 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

## Accessories

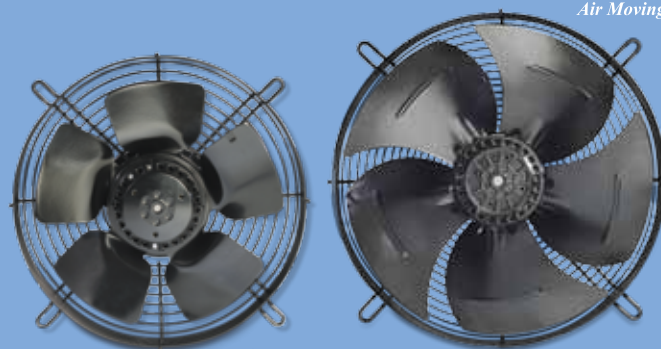


Plastic Finger Guards

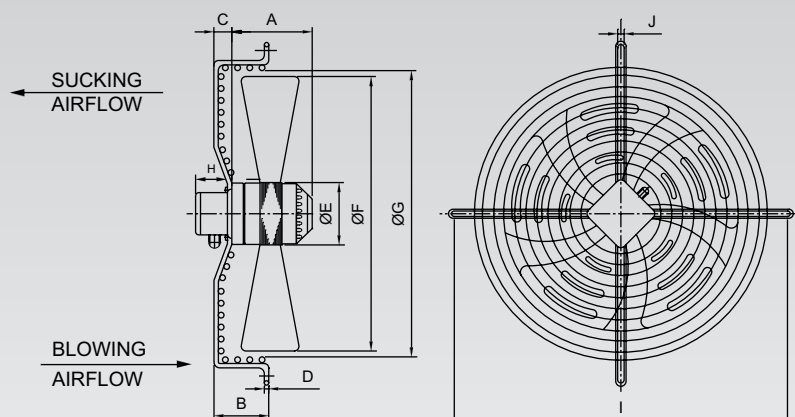
Metal Finger Guards - Chrome & Powder Coated



Filter Kits



# Large Axial Fans


**Dimensions (mm)**

| Size | A   | B   | C  | D   | E   | F   | G   | H  | I   | J    |
|------|-----|-----|----|-----|-----|-----|-----|----|-----|------|
| 200  | 66  | 45  | -  | 4   | 92  | 200 | 220 | 60 | 245 | 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 |

**Specifications**

| Model  | Size in inch | Poles | Phase  | Voltage (VAC) | Current (A) | Power (W) | Speed (RPM) | Airflow (M³/hr) | Airflow (CFM) | Noise dBA | Capacitor uf | wt Kg |
|--------|--------------|-------|--------|---------------|-------------|-----------|-------------|-----------------|---------------|-----------|--------------|-------|
| 2E-200 | 8            | 2     | Single | 230           | 0.38        | 80        | 2400        | 850             | 500           | 50        | 2            | 2.5   |
| 4E-200 | 8            | 4     | Single | 230           | 0.21        | 45        | 1450        | 450             | 265           | 45        | 1.5          | 2.5   |
| 4D-200 | 8            | 4     | Three  | 415           | 0.12        | 35        | 1450        | 450             | 265           | 45        | -            | 2.5   |
| 2D-200 | 8            | 2     | Three  | 415           | 0.22        | 65        | 2400        | 850             | 500           | 50        | -            | 2.5   |
| 2E-250 | 10           | 2     | Single | 230           | 0.5         | 115       | 2400        | 1730            | 1018          | 65        | 3            | 3.0   |
| 4E-250 | 10           | 4     | Single | 230           | 0.23        | 60        | 1400        | 950             | 559           | 55        | 2            | 3.0   |
| 4D-250 | 10           | 4     | Three  | 415           | 0.25        | 60        | 1400        | 950             | 559           | 55        | -            | 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          | 70        | 4            | 3.3   |
| 4E-300 | 12           | 4     | Single | 230           | 0.42        | 85        | 1380        | 1850            | 1089          | 58        | 3            | 3.3   |
| 4D-300 | 12           | 4     | Three  | 415           | 0.22        | 75        | 1380        | 1850            | 1089          | 58        | -            | 3.3   |
| 2D-300 | 12           | 2     | Three  | 415           | 0.35        | 145       | 2300        | 2300            | 1354          | 70        | -            | 3.3   |
| 4E-350 | 14           | 4     | Single | 230           | 0.65        | 140       | 1380        | 2600            | 1530          | 62        | 4            | 4.9   |
| 4D-350 | 14           | 4     | Three  | 415           | 0.38        | 140       | 1380        | 2600            | 1530          | 62        | -            | 4.9   |
| 4E-400 | 16           | 4     | Single | 230           | 0.82        | 180       | 1380        | 4000            | 2354          | 68        | 6            | 5.6   |
| 4D-400 | 16           | 4     | Three  | 415           | 0.47        | 180       | 1380        | 4000            | 2354          | 68        | -            | 5.6   |
| 4E-450 | 18           | 4     | Single | 230           | 1.2         | 250       | 1380        | 5400            | 3178          | 68        | 8            | 7.2   |
| 4D-450 | 18           | 4     | Three  | 415           | 0.6         | 250       | 1380        | 5400            | 3178          | 68        | 7.2          | 7.2   |
| 4E-500 | 20           | 4     | Single | 230           | 1.95        | 420       | 1300        | 7155            | 4211          | 72        | 10           | 9.5   |
| 4D-500 | 20           | 4     | Three  | 415           | 0.9         | 450       | 1300        | 7395            | 4353          | 72        | -            | 9.5   |
| 4E-550 | 22           | 4     | Single | 230           | 2.55        | 550       | 1300        | 8510            | 5009          | 75        | 12           | 10.5  |
| 4D-550 | 22           | 4     | Three  | 415           | 1.2         | 600       | 1300        | 8920            | 5250          | 75        | -            | 10.5  |
| 4E-600 | 24           | 4     | Single | 230           | 3.2         | 700       | 1360        | 10040           | 5909          | 78        | 16           | 14.0  |
| 4D-600 | 24           | 4     | Three  | 415           | 1.6         | 780       | 1350        | 11000           | 6478          | 78        | -            | 14.0  |
| 6D-600 | 24           | 6     | Three  | 415           | 1.5         | 500       | 900         | 10285           | 6054          | 72        | -            | 14.0  |
| 4D-630 | 25           | 4     | Three  | 415           | 1.6         | 800       | 1320        | 12420           | 7310          | 78        | -            | 15.0  |
| 6D-630 | 25           | 6     | Three  | 415           | 1.6         | 550       | 900         | 11785           | 6936          | 75        | -            | 15.0  |
| 6D-710 | 28           | 6     | Three  | Δ415          | 1.9         | 900       | 900         | 16200           | 9535          | 80        | -            | 25.0  |
| 6D-710 | 28           | 6     | Three  | Y415          | 1.15        | 650       | 730         | 13100           | 7710          | 80        | -            | 25.0  |
| 6D-800 | 32           | 6     | Three  | Δ415          | 3.5         | 1790      | 890         | 20100           | 11830         | 82        | -            | 35.0  |
| 6D-800 | 32           | 6     | Three  | Y415          | 2.23        | 1230      | 680         | 16100           | 9476          | 82        | -            | 35.0  |

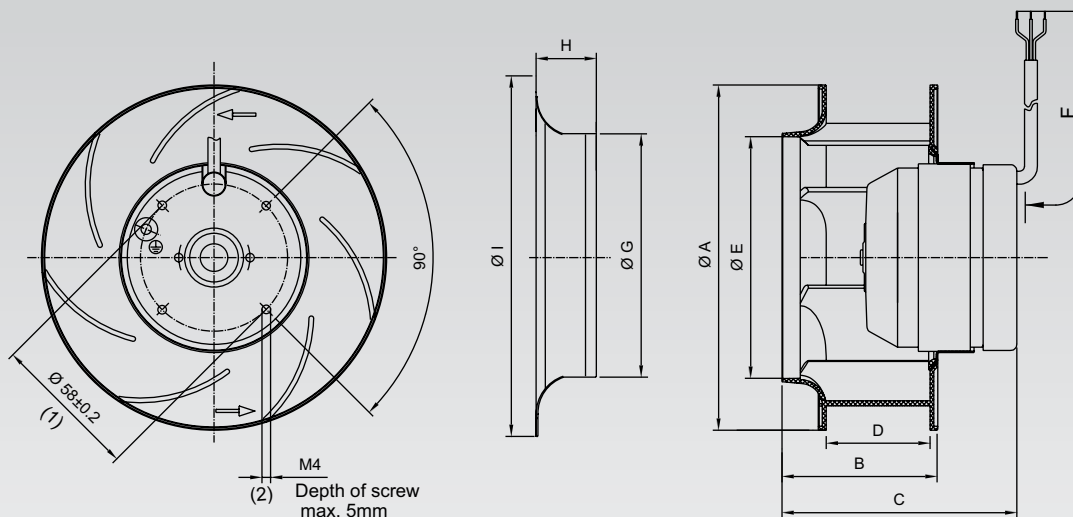
Frequency (Hz) - 50  
 E-Single Phase D- Three Phase

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

Specifications subject to change without notice



# Backward Curved Fans



Only for BCF-315, 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-225AA | 227 | 65.3 | 79   | 40   | 153 | 930 | 145   | 28 | 223 |
| BCF-225BB | 225 | 90   | 99   | 63   | 159 | 930 | 145   | 28 | 223 |
| BCF-250   | 251 | 82   | 99   | 56.6 | 174 | 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 |

**Specifications**

| Model     | Size<br>mm | Phase  | Voltage<br>(VAC) | Frequency<br>(Hz) | Current<br>(A) | Power<br>(W) | Speed<br>(RPM) | Airflow<br>(M³/hr) | Noise<br>dBA | Cap<br>µt/450V | wt<br>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             | 0.39/0.34      | 61/62        | 2350/2200      | 440/420            | 63/62        | 1.5            | 1.2      |
| BCF-190   | Φ192 x 60  | Single | 230              | 50/60             | 0.39/0.48      | 87/109       | 2600/2900      | 570/630            | 68/71        | 3              | 1.6      |
| BCF-220   | Φ220 x 63  | Single | 230              | 50/60             | 0.4/0.50       | 95/120       | 2400/2600      | 800/865            | 69/71        | 3              | 2.7      |
| BCF-225AA | Φ225 x 65  | Single | 230              | 50/60             | 0.53/0.64      | 110/145      | 2650/2950      | 860/950            | 72/75        | 3              | 2.4      |
| BCF-225BB | Φ225 x 90  | Single | 230              | 50/60             | 0.80/0.86      | 147/195      | 2680/3100      | 1200/1350          | 74/78        | 5              | 2.7      |
| BCF-250   | Φ250 x 82  | Single | 230              | 50/60             | 0.76/1.08      | 173/245      | 2600/2790      | 1400/1460          | 75/76        | 5              | 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      |

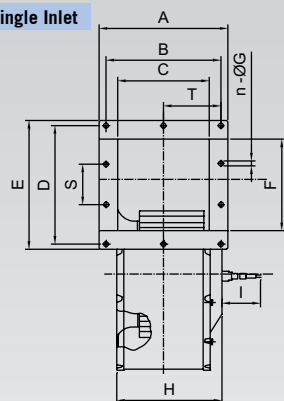
Specifications subject to change without notice

Available in DC Voltages  
Few sizes available in 3 Phase

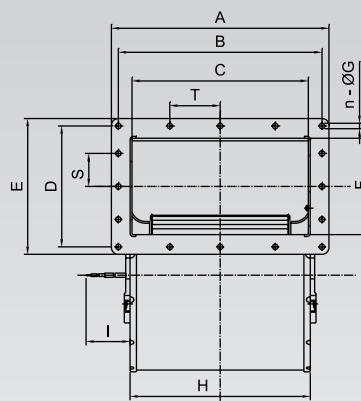
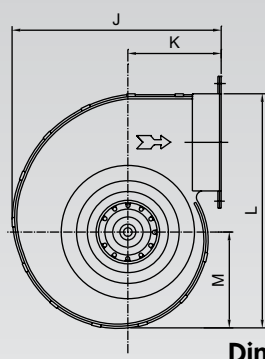


# Centrifugal Blowers

Single Inlet



Dual Inlet



Dimensions (mm)

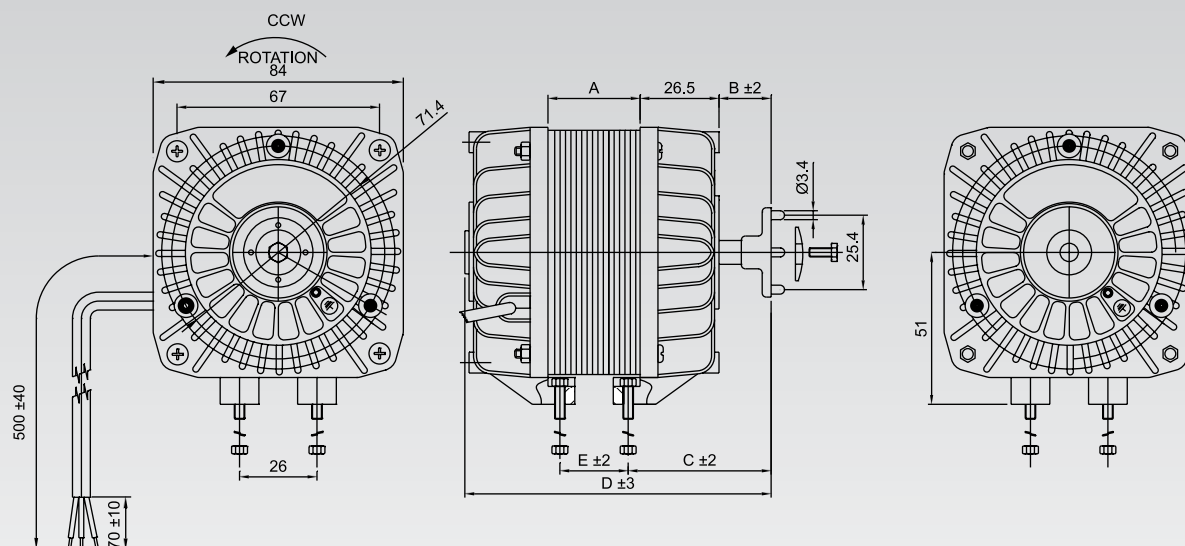
| Model               | A   | B      | C   | D      | E     | F   | n-ØG    | H    | I    | J   | K   | L   | M     | S    | T    |
|---------------------|-----|--------|-----|--------|-------|-----|---------|------|------|-----|-----|-----|-------|------|------|
| <b>Single Inlet</b> |     |        |     |        |       |     |         |      |      |     |     |     |       |      |      |
| CFB2E-140S          | 130 | 115    | 94  | 110    | 127.5 | 92  | 4-6.5   | 97   | 1000 | 228 | 105 | 245 | 107   | -    | -    |
| CFB2E-150S          | 102 | 90     | 72  | 120    | 140   | 92  | 4-7.0   | 75.2 | 1000 | 228 | 105 | 254 | 107   | -    | -    |
| CFB2E-160S          | 130 | 115    | 94  | 110    | 127.5 | 92  | 4-6.5   | 97   | 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 | 3X85   | 275   | 225 | 10-7.0  | 158  | 1000 | 297 | 133 | 333 | 136   | 85   | 80   |
| CFB4E-200S          | 195 | 2X87.5 | 145 | 2X90   | 199.5 | 150 | 8-7.0   | 172  | 1000 | 329 | 147 | 371 | 151.5 | -    | 87.5 |
| CFB4D-225S          | 195 | 2X87.5 | 145 | 3X93   | 299.5 | 250 | 10-7.0  | 181  | 1000 | 328 | 158 | 371 | 151.5 | 93   | 87.5 |
| <b>Dual Inlet</b>   |     |        |     |        |       |     |         |      |      |     |     |     |       |      |      |
| CFB2E-133D          | 255 | 237    | 215 | 92     | 110   | 70  | 6-Ø6.0  | 217  | 1000 | 174 | 90  | 180 | 79    | -    | -    |
| CFB2E-146D          | 270 | 252    | 230 | 122    | 140   | 100 | 6-Ø6.0  | 232  | 1000 | 210 | 100 | 218 | 97    | -    | -    |
| CFB4E-160D          | 310 | 4X73.5 | 270 | 129    | 145   | 105 | 12-Ø6.0 | 312  | 1000 | 228 | 105 | 245 | 107   | -    | 73.5 |
| CFB4D-180D          | 300 | 4X70   | 250 | 4X63.5 | 275   | 225 | 16-Ø7.0 | 252  | 1000 | 297 | 133 | 333 | 136   | 63.5 | 70   |
| CFB4D-200D          | 330 | 4X77.5 | 280 | 4X70   | 300   | 250 | 16-Ø7.0 | 282  | 1000 | 329 | 147 | 370 | 151   | 70   | 77.5 |
| CFB4D-225D          | 330 | 4X77.5 | 280 | 4X70   | 300   | 250 | 16-Ø7.0 | 282  | 1000 | 328 | 158 | 370 | 151   | 70   | 77.5 |

## Specifications

| Model               | Size mm  | Phase  | Voltage (VAC) | Frequency (Hz) | Current (A) | Power (W) | Speed (RPM) | Airflow (M³/hr) | Noise (dBA) | Cap µf/450V | wt Kg |
|---------------------|----------|--------|---------------|----------------|-------------|-----------|-------------|-----------------|-------------|-------------|-------|
| <b>Single Inlet</b> |          |        |               |                |             |           |             |                 |             |             |       |
| CFB2E-140S          | Φ140X65  | Single | 230           | 50             | 0.75        | 165       | 2420        | 480             | 73          | 4.0         | 2.9   |
| CFB2E-150S          | Φ150X65  | Single | 230           | 50             | 1.0         | 220       | 2300        | 475             | 60          | 4.0         | 3.8   |
| CFB2E-160S          | Φ160X65  | Single | 230           | 50             | 1.15        | 240       | 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       | 1318        | 1130            | 73          | 5.0         | 6.6   |
| CFB4E-200S          | Φ200X105 | Single | 230           | 50             | 1.30        | 290       | 1320        | 1365            | 70          | 8.0         | 8.0   |
| CFB4D-225S          | Φ225X105 | Three  | 415           | 50             | 0.84        | 460       | 1310        | 1800            | 76          | -           | 10.0  |
| <b>Dual Inlet</b>   |          |        |               |                |             |           |             |                 |             |             |       |
| CFB2E-133D          | Φ133X180 | Single | 230           | 50             | 0.85        | 190       | 1500        | 680             | 60          | 3.0         | 3.7   |
| CFB2E-146D          | Φ146X180 | Single | 230           | 50             | 1.10        | 250       | 1660        | 950             | 61          | 6.0         | 4.5   |
| CFB4E-160D          | Φ160X210 | Single | 230           | 50             | 0.81        | 180       | 1300        | 1240            | 64          | 5.0         | 6.0   |
| CFB4D-180D          | Φ180X195 | Three  | 415           | 50             | 0.55        | 290       | 1050        | 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  |

Specifications subject to change without notice

# Q Motors


**Dimensions (mm)**

| Model           | A  | B  | C  | D   | E  |
|-----------------|----|----|----|-----|----|
| 83 A 230 SAC-5  | 13 | 13 | 44 | 79  | -  |
| 83 A 230 SAC-7  | 20 | 13 | 44 | 85  | -  |
| 83 A 230 SAC-10 | 20 | 13 | 44 | 85  | -  |
| 83 A 230 SAC-16 | 25 | 14 | 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 | 22 | 53 | 121 | 36 |

**Specifications**

| 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      |

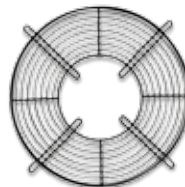
Specifications subject to change without notice

## Accessories

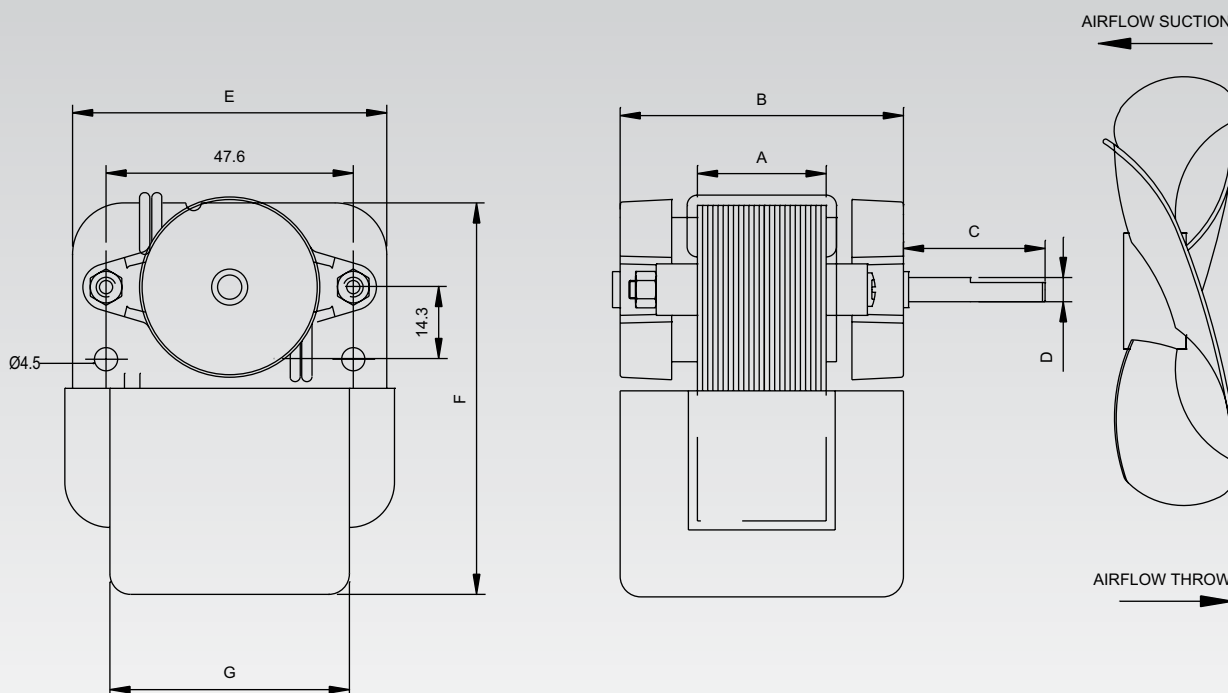


Aluminium Blades(sucking & blowing) available in dia 154,172,200,230,254&300mm.Pitch available from 19° upto 34°


**Bracket**

**Wall Ring**

**Basket Grill**

# C Frame Motors



Dimensions (mm)

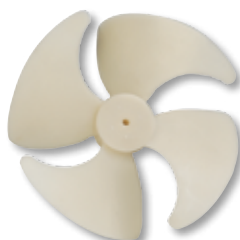
| Model No.    | A  | B  | C  | D    | E    | F  | G  |
|--------------|----|----|----|------|------|----|----|
| 61A230SAC-10 | 10 | 41 | 34 | 3.18 | 61.0 | 71 | 38 |
| 61A230SAC-25 | 25 | 56 | 21 | 4.76 | 61.0 | 76 | 47 |

Specifications

| Model No.    | Voltage (VAC) | Frequency (Hz) | Current (mA) | Speed (RPM) | Watt (W) | Air Flow (CFM) | Static Pressure (mm H <sub>2</sub> O) | Noise (dBA) |
|--------------|---------------|----------------|--------------|-------------|----------|----------------|---------------------------------------|-------------|
| 61A230SAC-10 | 230           | 50             | 100          | 2600        | 8        | 70             | 6                                     | 35          |
| 61A230SAC-25 | 230           | 50             | 300          | 2200        | 35       | 150            | 10                                    | 40          |

Specifications subject to change without notice

## Accessories



Plastic Impellers (150 mm & 100mm)



Bracket



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