



Engineering Industry.  
Powering Progress.

## PRODUCT PROFILE

# Hicool Industrial Cooling Fans

Made-in-India industrial cooling fans for electrical enclosures and panels. AC axial, compact, DC, EC, backward curved and Q motor technology.

AC Axial Fans

Compact Axial

All Metal Compact

DC Compact

Centrifugal Blowers

EC Fans

Q Motors

**ABOUT SSC CONTROL**

## Your single source for Hicool

Leading industrial automation, safety solutions, and electrical distribution for over 60 years. Your link to excellence. SSC Control is the No.1 channel partner for Hicool, delivering industrial cooling fans and air-moving products with leading sales performance and dependable after-sales service.

**10**

Product Lines

**IP54**

Rated

**ISI**

Certified

**PRODUCT RANGE**

## Hicool, Product Categories

|           |                               |                             |
|-----------|-------------------------------|-----------------------------|
| <b>01</b> | <b>AC Axial Fans</b>          | AC Axial Fan Series         |
| <b>02</b> | <b>Compact Axial Fans</b>     | Compact AC Axial Fans       |
| <b>03</b> | <b>All Metal Compact Fans</b> | All Metal Fans              |
| <b>04</b> | <b>DC Compact Fans</b>        | DC Brushless Compact Fans   |
| <b>05</b> | <b>Centrifugal Blowers</b>    | Radial Centrifugal Blowers  |
| <b>06</b> | <b>Backward Curved Fans</b>   | Backward Curved Impeller    |
| <b>07</b> | <b>EC Compact Fans</b>        | EC Compact Energy Efficient |
| <b>08</b> | <b>EC Axial Fans</b>          | EC Axial Energy Efficient   |
| <b>09</b> | <b>Q Motors</b>               | Q Motor Series              |
| <b>10</b> | <b>EC Q Motors</b>            | EC Q Motor Series           |

01



#### AC AXIAL FAN SERIES

### AC Axial Fans

Single and three phase AC axial fans from 120mm to 400mm for panel ventilation, equipment cooling and general industrial air circulation.

#### SERIES

**200 mm** | 200 x 220 x 60 mm

**250 mm** | 250 x 275 x 60 mm

**300 mm** | 300 x 320 x 60 mm

**350 mm** | 350 x 370 x 60 mm

**400 mm** | 400 x 420 x 60 mm

**450 mm** | 450 x 470 x 60 mm

**500 mm** | 500 x 520 x 60 mm

**550 mm** | 550 x 570 x 60 mm

**600 mm** | 600 x 620 x 60 mm

**630 mm** | 630 x 650 x 60 mm

**710 mm** | 703 x 770 x 60 mm

**800 mm** | 784 x 857 x 60 mm

02



#### COMPACT AC AXIAL FANS

### Compact Axial Fans

Compact AC axial fans from 60mm to 120mm for tight space cooling in control panels, electronics enclosures and instrumentation cabinets.

#### SERIES

**8A Series** | 80 x 80 x 25 mm

**9A Series** | 92 x 92 x 25 mm

**12A Series** | 120 x 120 x 38 mm

**17A Series** | 172 x 172 x 150 mm

**22A Series** | 220 x 220 x 60 mm

03



#### ALL METAL FANS

### All Metal Compact Fans

Full aluminium and metal construction compact fans for high-temperature, corrosive or vibration-heavy industrial environments requiring maximum durability.

#### SERIES

**17A Series** | 172 x 150 x 55 mm

**225A Series** | 225 x 225 x 80 mm

**280A Series** | 280 x 280 x 80 mm

04



#### DC BRUSHLESS COMPACT FANS

### DC Compact Fans

12V, 24V and 48V DC brushless compact fans from 40mm to 120mm for control panels, electronics cooling and battery cabinet ventilation.

#### SERIES

**6P Series** | 60 x 60 x 20 mm

**8P Series** | 80 x 80 x 25 mm

**9P Series** | 92 x 92 x 25 mm

**12P Series** | 120 x 120 x 38 mm

**17A Series** | 172 x 150 x 51 mm

05



#### RADIAL CENTRIFUGAL BLOWERS

### Centrifugal Blowers

Single and double inlet centrifugal blowers for high-pressure, low-noise air handling in electrical panels, clean rooms and HVAC applications.

#### SERIES

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| CFB2E-120S | Φ120 x 50  | CFB2E-140S | Φ140 x 65  | CFB2E-150S | Φ150 x 65  |
| CFB2E-160S | Φ160 x 65  | CFB2E-180S | Φ180 x 55  | CFB4E-180S | Φ180 x 95  |
| CFB4E-200S | Φ200 x 105 | CFB4E-225S | Φ225 x 105 | CFB4D-225S | Φ225 x 105 |
| CFB2E-133D | Φ133 x 180 | CFB2E-146D | Φ146 x 180 | CFB4E-160D | Φ160 x 210 |
| CFB4D-180D | Φ180 x 195 | CFB4D-200D | Φ200 x 210 | CFB4D-225D | Φ225 x 210 |

06



#### BACKWARD CURVED IMPELLER

### Backward Curved Fans

Backward curved impeller fans for high efficiency, low noise air movement in large enclosures and ventilation systems with high static pressure requirements.

#### SERIES

|         |            |           |            |         |           |
|---------|------------|-----------|------------|---------|-----------|
| BCF-133 | Φ130 x 54  | BCF-180   | Φ180 x 49  | BCF-190 | Φ192 x 60 |
| BCF-220 | Φ220 x 63  | BCF-225BB | Φ225 x 90  | BCF-250 | Φ250 x 82 |
| BCF-355 | Φ355 x 174 | BCF-400   | Φ400 x 185 |         |           |

07



#### EC COMPACT ENERGY EFFICIENT

### EC Compact Fans

Electronically commutated compact fans with integrated speed control for tight spaces, up to 50% energy savings versus standard AC compact fans.

#### SERIES

|         |              |         |              |         |                    |
|---------|--------------|---------|--------------|---------|--------------------|
| G3HD300 | DC Axial Fan | G3HD385 | DC Axial Fan | E3HD097 | DC Centrifugal Fan |
|---------|--------------|---------|--------------|---------|--------------------|

08



#### EC AXIAL ENERGY EFFICIENT

### EC Axial Fans

Large format EC axial fans with integrated electronics for maximum energy efficiency in large panel ventilation and air handling applications.

#### SERIES

|              |        |              |        |              |        |
|--------------|--------|--------------|--------|--------------|--------|
| 250 mm frame | 250 mm | 300 mm frame | 300 mm | 330 mm frame | 330 mm |
| 350 mm frame | 350 mm | 400 mm frame | 400 mm | 450 mm frame | 450 mm |
| 500 mm frame | 500 mm | 550 mm frame | 550 mm | 630 mm frame | 630 mm |
| 710 mm frame | 710 mm | 800 mm frame | 800 mm | 910 mm frame | 910 mm |

09



#### Q MOTOR SERIES

### Q Motors

High-performance Q motor series fans with external rotor motor design for maximum airflow efficiency in electrical panel and industrial cooling.

#### SERIES

5 Watt | 83A frame

7 Watt | 83A frame

10 Watt | 83A frame

16 Watt | 83A frame

18 Watt | 83A frame

25 Watt | 83A frame

34 Watt | 83A frame

10



#### EC Q MOTOR SERIES

### EC Q Motors

EC technology Q motor fans combining the high efficiency of external rotor design with electronically commutated motor control for optimal energy performance.

#### SERIES

K92-E-15 | Frame 15 / 66 mm

K92-E-25 | Frame 25 / 75 mm

K92-E-35 | Frame 35 / 85 mm

K92-E-42 | Frame 42 / 92 mm

K102-E-34 | Frame 34 / 104 mm

K102-E-47 | Frame 47 / 117 mm

K102-E-60 | Frame 60 / 129 mm

J92 / D92 | Frame 15-95 mm



# Let's power your next project.

Our team can help with selection, pricing, and technical guidance. Genuine products, full warranty.

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