



2020 | 2021  
4<sup>th</sup> Edition

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# Safety Features For Ceiling Fans



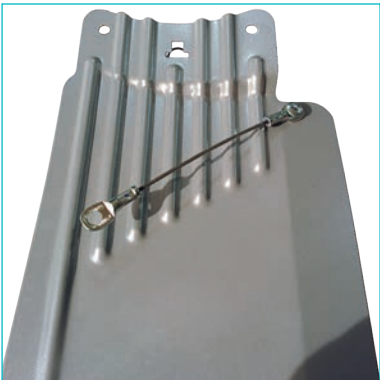
## Safety Wire

Safety Wire secures the fan motor to the ceiling hook.



## Cut-off Safety Switch

Cut off power supply while detecting dangerous wear and tear of the shaft or bolt.



## Blade Safety Wire

*(applicable to model: K12W0, K15W0, K15W0-S and K15W0-SL)*

In the event of breakage of the blade frame, the Blade Safety Wire will hold the blade to the motor.



## Blade Safety Hanger

*(applicable to model: K12V0, K15V0 and K15V0-PBR)*

In the event of breakage of the blade frame, the Blade Safety Hanger will hold the blade to the motor.

# Ceiling Fans

Energy Saving Ceiling Fans



K12V0  
K15V0



K12V0-PBR  
K15V0-PBR

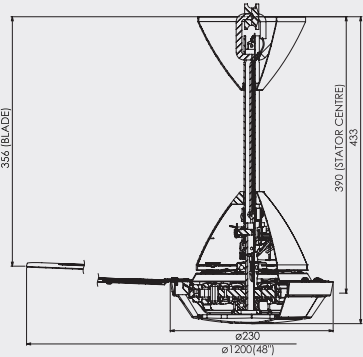
### Features

- Hexagon decorative cover
- Embossed logo deco cover
- Energy saving condenser motor
- Meets C.O.P (Co-Efficient of Performance) requirements

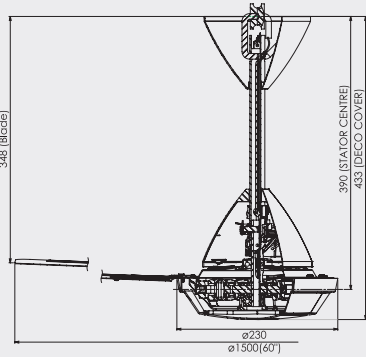
### Specifications

| Model     | Color | No. of Blade | Dimension | Energy Star Rating | RPM     |         | Air Delivery (m³/min) | Motor W   |           | Motor HP | Motor Type        | Noise Level (dB) | Nett Weight (kg) |
|-----------|-------|--------------|-----------|--------------------|---------|---------|-----------------------|-----------|-----------|----------|-------------------|------------------|------------------|
|           |       |              |           |                    | Low     | High    |                       | Low       | High      |          |                   |                  |                  |
| K12V0     | White | 3            | 48"/120cm | 5                  | 131-177 | 273-333 | 162                   | 15.1-20.5 | 47.7-58.3 | 0.08     | 14 Pole Condenser | <58              | 4.60             |
| K12V0-PBR | Brown |              |           |                    |         |         |                       |           |           |          |                   |                  |                  |
| K15V0     | White |              | 60"/150cm |                    | 81-118  | 216-264 | 230                   | 14.7-19.9 | 67.5-82.5 | 0.10     |                   | <62              | 5.10             |
| K15V0-PBR | Brown |              |           |                    |         |         |                       |           |           |          |                   |                  |                  |

### Dimensions



K12V0 / K12V0-PBR



K15V0 / K15V0-PBR



# Ceiling Fans

## Preassembled Fan Rod Ceiling Fans



K15VC

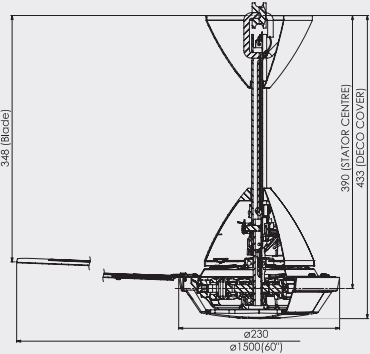
### Features

- Hexagon decorative cover
- Embossed logo deco cover
- Energy saving condenser motor
- Meets C.O.P (Co-Efficient of Performance) requirements
- Preassembled fan rod
- Comply with government project standard
- Available by February 2021

### Specifications

| Model | Color | No. of Blade | Dimension | Energy Star Rating | RPM    |         | Air Delivery (m³/min) | Motor W   |           | Motor HP | Motor Type        | Noise Level (dB) | Nett Weight (kg) |
|-------|-------|--------------|-----------|--------------------|--------|---------|-----------------------|-----------|-----------|----------|-------------------|------------------|------------------|
|       |       |              |           |                    | Low    | High    |                       | Low       | High      |          |                   |                  |                  |
| K15VC | White | 3            | 60"/150cm | 5                  | 81-118 | 216-264 | 230                   | 14.7-19.9 | 67.5-82.5 | 0.10     | 14 Pole Condenser | <62              | 5.10             |

### Dimensions



K15VC

# Ceiling Fans

## Decorative Ceiling Fans



K12W0



K15W0



K15W0-S



K15W0-SL

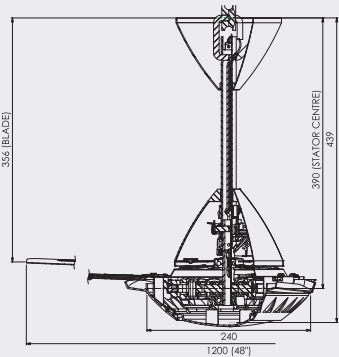
### Features

- Energy saving condenser motor
- Meets C.O.P (Co-Efficient of Performance) requirements
- Treated with **double hybrid coating** treatment for added protection and reliability. It is ideal for coastal areas, where the air is salty and corrosive (Applicable to K15W0-S only)

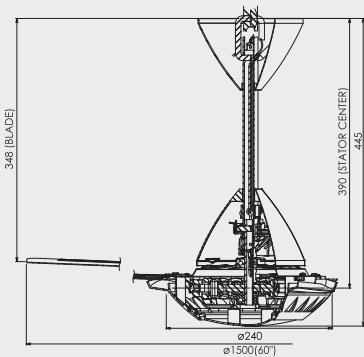
### Specifications

| Model    | Color        | No. of Blade | Dimension | Energy Star Rating | RPM     |         | Air Delivery (m³/min) | Motor W   |           | Motor HP | Motor Type        | Noise Level (dB) | Nett Weight (kg) |
|----------|--------------|--------------|-----------|--------------------|---------|---------|-----------------------|-----------|-----------|----------|-------------------|------------------|------------------|
|          |              |              |           |                    | Low     | High    |                       | Low       | High      |          |                   |                  |                  |
| K12W0    | Copper Brown | 3            | 48"/120cm | 5                  | 131-177 | 273-333 | 162                   | 15.1-20.5 | 47.7-58.3 | 0.08     | 14 Pole Condenser | <58              | 4.80             |
| K15W0-S  | White        |              | 60"/150cm |                    | 81-118  | 216-264 | 230                   | 14.7-19.9 | 67.5-82.5 | 0.10     |                   | <62              | 5.30             |
| K15W0    | Copper Brown |              |           |                    |         |         |                       |           |           |          |                   |                  |                  |
| K15W0-SL | Silver       |              |           |                    |         |         |                       |           |           |          |                   |                  |                  |

### Dimensions



K12W0



K15W0-S / K15W0 / K15W0-SL

# Ceiling Fans

## Remote Control Ceiling Fans



K14X2



K14X2-PBR

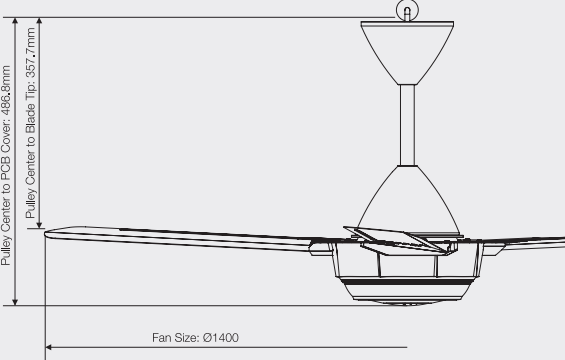
### Features

- Frameless blade design
- Remote control with **3 preset speed**, 1, 3, 6 hours **OFF** timer and sleep mode

### Specifications

| Model     | Color | No. of Blade | Dimension   | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-----------|-------|--------------|-------------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|           |       |              |             |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K14X2     | Grey  | 3            | 56" / 140cm | 5                  | 113 | 257  | 210                   | 33.5    | 65   | 0.09     | AC         | 51               | 5.10             |
| K14X2-PBR | Brown |              |             |                    |     |      |                       |         |      |          |            |                  |                  |

### Dimensions



K14X2 / K14X2-PBR

# Ceiling Fans

Baby Fan Series



K11Z1-ES



K11Z1-WT

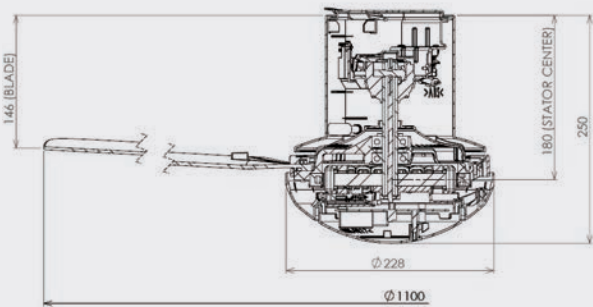
### Features

- Ball-joint type installation (no hook required)
- Remote control with **3 preset speed**, 1,3,6 hours timer and sleep mode
- PPG material blades for better durability and anti rust

### Specifications

| Model    | Color           | No. of Blade | Dimension   | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|----------|-----------------|--------------|-------------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|          |                 |              |             |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K11Z1-ES | Sterling Silver | 3            | 44" / 110cm | 5                  | 124 | 257  | 170                   | 21      | 58   | 0.077    | AC         | 49.5             | 5.10             |
| K11Z1-WT | White           |              |             |                    |     |      |                       |         |      |          |            |                  |                  |

### Dimensions



K11Z1



# Ceiling Fans

## Z Series



K14YZ-GY



K14XZ-GY



K14XZ-PBR



K14YZ-PBR

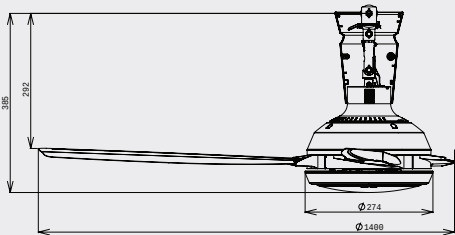
### Features

- Innovative design with two colours option
- Remote control with **3 preset speed**, 1, 3, 6 hours **OFF** timer and sleep mode
- Strong and smooth air breeze in silent operation

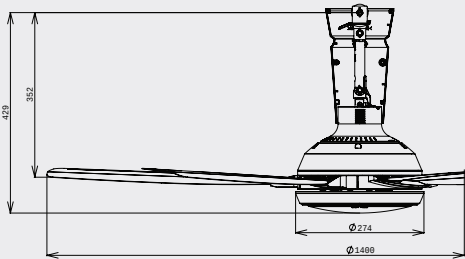
### Specifications

| Model     | Color | No. of Blade | Dimension   | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-----------|-------|--------------|-------------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|           |       |              |             |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K14XZ-GY  | Grey  | 4            | 56" / 140cm | 5                  | 102 | 196  | 215                   | 20      | 68   | 0.091    | AC         | 51               | 7.00             |
| K14XZ-PBR | Brown |              |             |                    |     |      |                       |         |      |          |            |                  |                  |
| K14YZ-GY  | Grey  | 5            |             |                    | 95  | 183  | 215                   | 21      | 69   | 0.092    |            |                  | 7.60             |
| K14YZ-PBR | Brown |              |             |                    |     |      |                       |         |      |          |            |                  |                  |

### Dimensions



K14XZ



K14YZ

# Ceiling Fans

V-Touch™ Series



K14Y2 (V-Touch™ Jr.)



K15Y2-C0 (V-Touch™)



K15Y2-GS (V-Touch™)

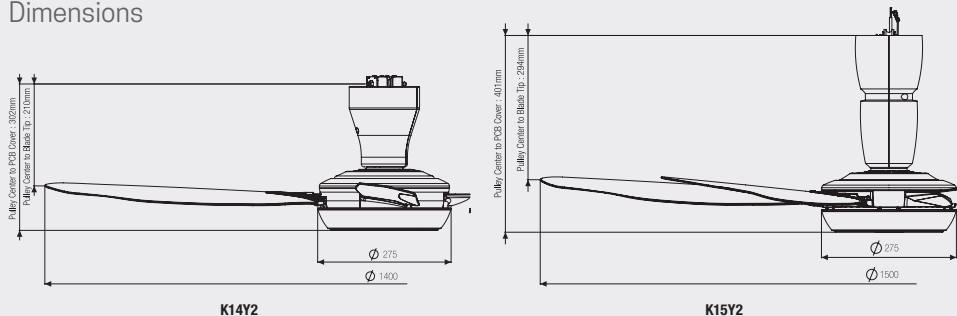
## Features

- Modern deco design with Japan Film Injection Technology
- Remote control with **5 preset speed**, 3-6 hours sleep mode and 1-6 hours **OFF** timer
- Equipped with **1/f Yuragi** feature (Natural Breeze)
- 3D Aero Curve blade design
- Distinctive blade material (PPG) for better durability, rust and dent resistance

## Specifications

| Model    | Color         | No. of Blade | Dimension   | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|----------|---------------|--------------|-------------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|          |               |              |             |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K14Y2    | Silver Grey   | 4            | 56" / 140cm | 2                  | 102 | 215  | 225                   | 19.5    | 85   | 0.11     | AC         | 52               | 6.20             |
| K15Y2-C0 | Copper Bronze | 5            | 60" / 150cm |                    | 84  | 195  | 225                   | 20.5    | 85   |          |            | 48               | 7.40             |
| K15Y2-GS | Silver Grey   |              |             |                    |     |      |                       |         |      |          |            |                  |                  |

## Dimensions



# Ceiling Fans



K15YX - QBR



K15YX - RBR

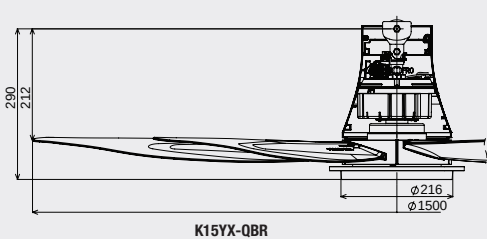
### Features

- **DC (Direct Current)** motor for energy saving
- Remote control with **9 preset speed**, 2-8 hours sleep mode, 1-8 hours **OFF** and **ON** timer
- Geared up with **1/f Yuragi** function (Natural breeze)
- Modernistic design with short pipe or long pipe
- Built-in LCD screen remote control

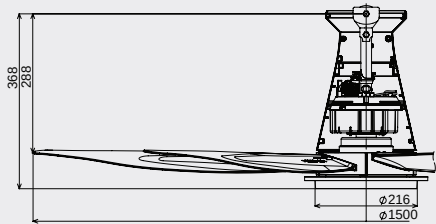
### Specifications

| Model     | Color | No. of Blade | Dimension | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-----------|-------|--------------|-----------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|           |       |              |           |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K15YX-QBR | Brown | 5            | 60"/150cm | 5                  | 80  | 235  | 245                   | 3       | 41   | 0.055    | DC         | 54               | 5.1              |
| K15YX-RBR |       |              |           |                    |     |      |                       |         |      |          |            |                  | 5.3              |

### Dimensions

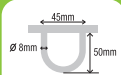


K15YX-QBR



K15YX-RBR

### RECOMMENDED HOOK





# Ceiling Fans

Nikko Series



K12UX (Nikko Jr)

### Features

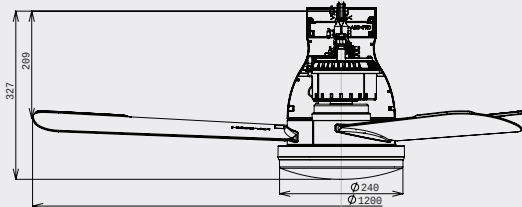
- **DC (Direct Current)** motor for energy saving
- LED Lighting comes with 3 level of brightness control dedicated for different needs and preference
- Remote control with **9 preset speed**, 2-8 hours sleep mode, 1-8 hours **OFF** and **ON** timer
- Geared up with **1/f Yuragi** feature (Natural breeze)
- Built-in LCD screen remote control
- Suitable for small and low ceiling room

### Specifications

| Model | Color        | No. of Blade | Dimension | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W  |      |             |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-------|--------------|--------------|-----------|--------------------|-----|------|-----------------------|----------|------|-------------|------|----------|------------|------------------|------------------|
|       |              |              |           |                    |     |      |                       | Fan Only |      | Fan & Light |      |          |            |                  |                  |
|       |              |              |           |                    | Low | High |                       | Low      | High | Low         | High |          |            |                  |                  |
| K12UX | Elegant Grey | 3            | 48"/120cm | 5                  | 80  | 236  | 187                   | 3.0      | 28.0 | 21.0        | 46.0 | 0.038    | DC         | 50               | 4.9              |

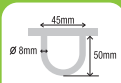
| Model              | K12UX         |        |       |
|--------------------|---------------|--------|-------|
|                    | High          | Medium | Low   |
| Brightness Control | 150(lx)       | 75(lx) | 3(lx) |
| LED Colour         | Cool Daylight |        |       |
| Wattage            | 18W           | 9W     | 1W    |

### Dimensions



K12UX

### RECOMMENDED HOOK



# Ceiling Fans

## Nikko Series



K15UW-QEY (Nikko)



K15UW (Nikko)

### Features

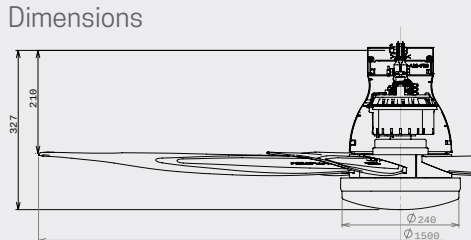
- **DC (Direct Current)** motor for energy saving
- LED Lighting comes with 3 level of brightness control dedicated for different needs and preference
- Remote control with **9 preset speed**, 2-8 hours sleep mode, 1-8 hours **OFF** and **ON** timer
- Geared up with **1/f Yuragi** function (Natural breeze)
- Built-in LCD screen remote control
- Modernistic design with short pipe or long pipe

### Specifications

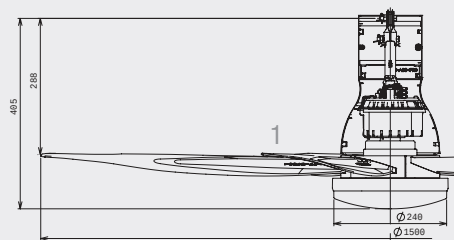
| Model     | Color        | No. of Blade | Dimension | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W  |      |             |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-----------|--------------|--------------|-----------|--------------------|-----|------|-----------------------|----------|------|-------------|------|----------|------------|------------------|------------------|
|           |              |              |           |                    |     |      |                       | Fan Only |      | Fan & Light |      |          |            |                  |                  |
|           |              |              |           |                    | Low | High |                       | Low      | High | Low         | High |          |            |                  |                  |
| K15UW-QEY | Elegant Grey | 5            | 60"/150cm | 5                  | 80  | 235  | 245                   | 3.0      | 41.0 | 25.0        | 63.0 | 0.055    | DC         | 53               | 6.2              |
| K15UW     |              |              |           |                    |     |      |                       |          |      |             |      |          |            |                  |                  |

| Model              | K15UW-QEY / K15UW |               |       |      |
|--------------------|-------------------|---------------|-------|------|
|                    | High              | Medium        | Low   |      |
| Brightness Control | 200(lx)           | 150(lx)       | 3(lx) |      |
| LED Colour         | White             | Cool Daylight | Warm  | Warm |
| Wattage            | 22W               | 18W           | 18W   | 1W   |

### Dimensions



K15UW-QEY



K15UW



# Ceiling Fans

Sensa™ Series



K14ZW (Sensa™ 4)

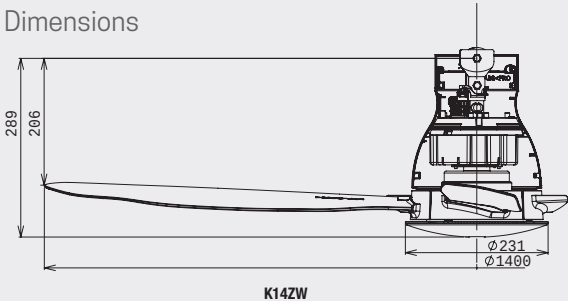
### Features

- **DC (Direct Current)** motor for energy saving
- **Temperature sensor** equipped
- Remote control with **9 preset speed**, 2-8 hours sleep mode, 1-8 hours **OFF** and **ON** timer
- Geared up with **1/f Yuragi** function (Natural breeze)
- Built-in LCD screen remote control

### Specifications

| Model | Color        | No. of Blade | Dimension | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-------|--------------|--------------|-----------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|       |              |              |           |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K14ZW | Elegant Grey | 4            | 56"/140cm | 5                  | 81  | 239  | 225                   | 2.5     | 41   | 0.055    | DC         | 51               | 4.9              |

### Dimensions



# Ceiling Fans

Sensa™ Series



K15Z5 - QEY (Sensa™ 5)



K15Z5 - REY (Sensa™ 5)

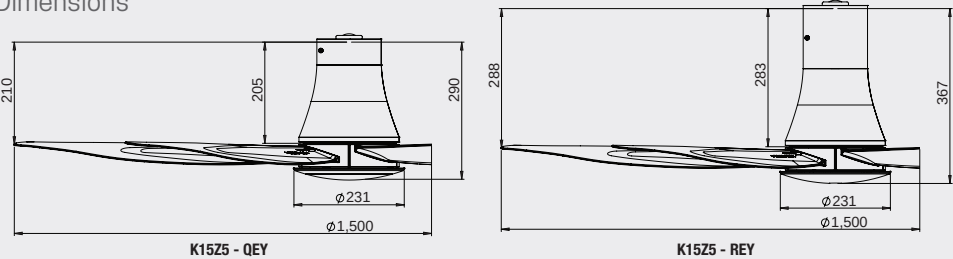
## Features

- **DC (Direct Current)** motor for energy saving
- **Temperature sensor** equipped
- Remote control with **9 preset speed**, 2-8 hours sleep mode, 1-8 hours **OFF** and **ON** timer
- Geared up with **1/f Yuragi** function (Natural breeze)
- Modernistic design with short pipe or long pipe
- Built-in LCD screen remote control

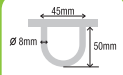
## Specifications

| Model     | Color        | No. of Blade | Dimension | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-----------|--------------|--------------|-----------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|           |              |              |           |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K15Z5-QEY | Elegant Grey | 5            | 60"/150cm | 5                  | 80  | 235  | 245                   | 3       | 41   | 0.055    | DC         | 54               | 5.1              |
| K15Z5-REY |              |              |           |                    |     |      |                       |         |      |          |            |                  | 5.3              |

## Dimensions



## RECOMMENDED HOOK



# Ceiling Fans

Nodoka Series



K12YC (Nodoka Jr.)



K12UC (Nodoka Jr.)

## Features

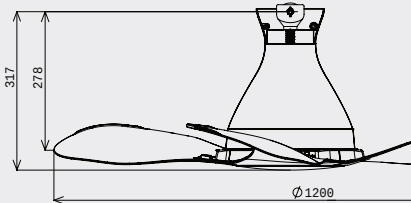
- **New Generation DC** (direct current) motor for better air delivery and performance
- **Intelligent Motor Drive System (IMDS)** for motor faulty detection
- Remote control with **10 preset speed**
- **Wi-Fi Smart control** with 24 hours **sleep mode**, 24 hours **ON/OFF timer** and **1/f Yuragi** (natural breeze) function
- **Schedule function** is set to perform preferred fan speed, ON/OFF timer and other features based on individual preference
- **Scene setting** can be preset 4 light settings for daily activities (Applicable to K12UC only)
- **Reverse function** drives the cool air upward and circulate the airflow evenly in comfortable temperature
- Stepless control of **LED brightness and color** (Applicable to K12UC only)
- Compatible Device: Android 6.0 or above and iOS 12.0 or above

## Specifications

| Model | Color      | No. of Blade | Dimension | Energy Star Rating | RPM (Forward) |      | RPM (Reverse) |      | Air Delivery (m³/min) | Motor W  |      |             |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-------|------------|--------------|-----------|--------------------|---------------|------|---------------|------|-----------------------|----------|------|-------------|------|----------|------------|------------------|------------------|
|       |            |              |           |                    |               |      |               |      |                       | Fan Only |      | Fan & Light |      |          |            |                  |                  |
|       |            |              |           |                    | Low           | High | Low           | High |                       | Low      | High | Low         | High |          |            |                  |                  |
| K12YC | Matte Grey | 3            | 48"/120cm | 5                  | 55            | 170  | 55            | 170  | 200                   | 3        | 31   | -           | -    | 0.042    | DC         | 41               | 4.9              |
| K12UC | Matte Grey | 3            | 48"/120cm |                    | 55            | 170  | 55            | 170  | 200                   | 3        | 31   | 22          | 50   | 0.042    |            | 41               | 5.2              |

| Model              | K12UC              |        |       |        |       |        |                    |        |        |
|--------------------|--------------------|--------|-------|--------|-------|--------|--------------------|--------|--------|
| LED Color          | Mix (White + Warm) |        | White |        | Warm  |        | Night Light (Warm) |        |        |
| Range              | MIN                | MAX    | MIN   | MAX    | MIN   | MAX    | Low                | Medium | High   |
| Brightness Control | 23(k)              | 200(k) | 26(k) | 150(k) | 26(k) | 150(k) | 0.15(k)            | 0.6(k) | 1.1(k) |
| Wattage (LED Only) | 1.9W               | 19W    | 2.1W  | 15W    | 2.1W  | 15W    | 0.2W               | 0.3W   | 0.4W   |

## Dimensions



K12YC / K12UC



# Ceiling Fans

Nodoka Series



K15YC (Nodoka)



K15UC (Nodoka)

## Features

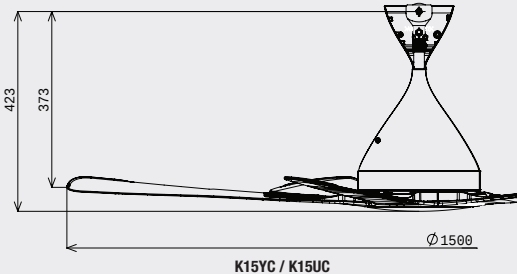
- **New Generation DC** (direct current) motor for better air delivery and performance
- **Intelligent Motor Drive System (IMDS)** for motor faulty detection and blade faulty detection
- Remote control with **10 preset speed**
- **Wi-Fi Smart control** with 24 hours **sleep mode**, 24 hours **ON/OFF timer** and **1/f Yuragi** (natural breeze) function
- **Schedule function** is set to perform preferred fan speed, ON/OFF timer and other features based on individual preference
- **Scene setting** can be preset 4 light settings for daily activities (Applicable to K15UC only)
- **Reverse function** drives the cool air upward and circulate the airflow evenly in comfortable temperature
- Stepless control of **LED brightness and color** (Applicable to K15UC only)
- Compatible Device: Android 6.0 or above and iOS 12.0 or above

## Specifications

| Model | Color       | No. of Blade | Dimension | Energy Star Rating | RPM (Forward) |      | RPM (Reverse) |      | Air Delivery (m³/min) | Motor W  |      |             |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-------|-------------|--------------|-----------|--------------------|---------------|------|---------------|------|-----------------------|----------|------|-------------|------|----------|------------|------------------|------------------|
|       |             |              |           |                    | Low           | High | Low           | High |                       | Fan Only |      | Fan & Light |      |          |            |                  |                  |
|       |             |              |           |                    |               |      |               |      |                       | Low      | High | Low         | High |          |            |                  |                  |
| K15YC | Pearl White | 5            | 60"/150cm | 5                  | 80            | 245  | 80            | 255  | 300                   | 4        | 54   | -           | -    | 0.073    | DC         | 59               | 7.0              |
| K15UC | Pearl White | 5            | 60"/150cm |                    | 80            | 245  | 80            | 255  | 300                   | 4        | 54   | 23          | 73   | 0.073    |            | 59               | 7.3              |

| Model              | K15UC              |        |       |        |       |        |                    |        |        |
|--------------------|--------------------|--------|-------|--------|-------|--------|--------------------|--------|--------|
| LED Color          | Mix (White + Warm) |        | White |        | Warm  |        | Night Light (Warm) |        |        |
| Range              | MIN                | MAX    | MIN   | MAX    | MIN   | MAX    | Low                | Medium | High   |
| Brightness Control | 23(k)              | 200(k) | 26(k) | 150(k) | 26(k) | 150(k) | 0.15(k)            | 0.6(k) | 1.1(k) |
| Wattage (LED Only) | 1.9W               | 19W    | 2.1W  | 15W    | 2.1W  | 15W    | 0.2W               | 0.3W   | 0.4W   |

## Dimensions



# Ceiling Fans

Moshon™ Series



K18NY-RBR (Moshon™)



K18NY-SBR (Moshon™)

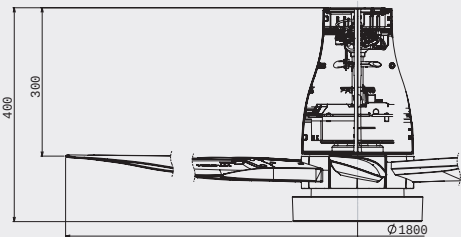
## Features

- Ball-joint installation (no hook required)
- Twin **DC (Direct Current)** motor for energy saving
- **Motion Sensor** equipped
- Remote control with **9 preset speed**, 2-8 hours sleep mode, 1-8 hours **OFF** and **ON** timer
- Geared up with **1/f Yuragi** function (Natural breeze)
- Modernistic design with short pipe or long pipe
- Preset **fan speed memory** function

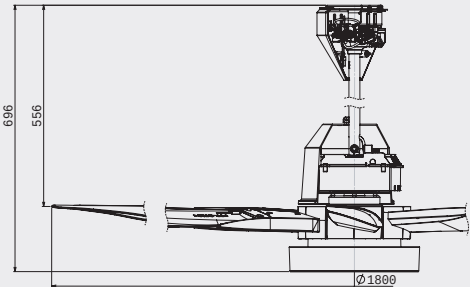
## Specifications

| Model     | Color      | No. of Blade | Dimension | Energy Star Rating | RPM |      | Air Delivery (m³/min) | Motor W |      | Motor HP | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-----------|------------|--------------|-----------|--------------------|-----|------|-----------------------|---------|------|----------|------------|------------------|------------------|
|           |            |              |           |                    | Low | High |                       | Low     | High |          |            |                  |                  |
| K18NY-RBR | Dark Brown | 6            | 70"/180cm | 5                  | 80  | 185  | 325                   | 6       | 55   | 0.074    | DC         | 54               | 11.7             |
| K18NY-SBR |            |              |           |                    |     |      |                       |         |      |          |            |                  | 11.9             |

## Dimensions



K18NY-RBR



K18NY-SBR



# Auto Fans

## 360° Oscillation Fan



KQ409

### Features

- 360° oscillation
- Easy adjustment angle 15°, 30° and 50°
- Condenser motor with ball bearing
- 5 speed electronic regulator

### Specifications

| Model | Color | Dimension  | Energy Star Rating | RPM     |           | Air Delivery (m³/min) | Motor W   |           | Motor HP | Motor Type        | Noise Level (dB) | Nett Weight (kg) |
|-------|-------|------------|--------------------|---------|-----------|-----------------------|-----------|-----------|----------|-------------------|------------------|------------------|
|       |       |            |                    | Low     | High      |                       | Low       | High      |          |                   |                  |                  |
| KQ409 | White | 16" / 40cm | 5                  | 568-694 | 1089-1331 | 85                    | 18.3-22.4 | 46.8-57.2 | 0.08     | 14 Pole Condenser | <60              | 3.90             |



# Wall Fans

Wall Fans With Pull Cord



KU453



KU308



KU408



KU408 YG



KV408

## Features

- Slim body with honeycomb design panel
- 3 speed ON/OFF pull switch
- Full automatic oscillation
- Flexible neck adjustment
- Silver color metal blade for better durability (Applicable to KV408 only)
- Additional safety screw

## Specifications

| Model    | Color | Dimension | Energy Star Rating | RPM      |           | Air Delivery (m³/min) | Motor W   |           | Motor HP | Motor Type        | Noise Level (dB) | Nett Weight (kg) |
|----------|-------|-----------|--------------------|----------|-----------|-----------------------|-----------|-----------|----------|-------------------|------------------|------------------|
|          |       |           |                    | Low      | High      |                       | Low       | High      |          |                   |                  |                  |
| KU308    | White | 12"/30cm  | 4                  | 871-1065 | 1158-1416 | 45                    | 30.0-36.6 | 39.8-48.6 | 0.07     | 14 Pole Condenser | < 50             | 3.30             |
| KU408    |       | 16"/40cm  | 5                  | 774-946  | 1103-1349 | 63                    | 38.9-47.5 | 49.9-60.9 | 0.08     |                   | < 60             | 4.45             |
| KU408 YG | Grey  |           |                    | 839-1025 | 1135-1387 | 63                    | 38.3-46.8 | 48.2-59.0 | 0.09     |                   |                  | 4.55             |
| KV408    |       |           |                    | 730-892  | 961-1175  | 95                    | 41.6-50.8 | 54.2-66.3 |          |                   |                  | 5.00             |
| KU453    | White | 18"/45cm  |                    |          |           |                       |           |           |          |                   |                  |                  |

# Wall Fans

## Remote Control Wall Fan



KC4GR

### Features

- Full function remote control with **ON/OFF timer**, 3 speed control, timer setting and oscillation control
- Condenser motor with ball bearing
- Manual on/off and oscillation control available
- Additional safety screw

### Specifications

| Model  | Color | Dimension  | Energy Star Rating | RPM     |           | Air Delivery (m³/min) | Motor W   |           | Motor HP | Motor Type        | Noise Level (dB) | Nett Weight (kg) |
|--------|-------|------------|--------------------|---------|-----------|-----------------------|-----------|-----------|----------|-------------------|------------------|------------------|
|        |       |            |                    | Low     | High      |                       | Low       | High      |          |                   |                  |                  |
| KC-4GR | Black | 16" / 40cm | 5                  | 774-946 | 1103-1349 | 63                    | 43.0-52.7 | 53.4-65.2 | 0.09     | 14 Pole Condenser | <60              | 4.60             |

# Commercial Wall Fan



KU50Y

## Features

- 3 speed **ON/OFF** pull switch
- Full automatic oscillation
- Aluminium blade for stronger airflow and durability
- **Turbo Fin Guard** design generates strong and focus airflow up to 10 meter distance
- **Front Guard Locking System** for safety purpose
- Added **angle adjust bolt** for extra stability on the fan's knee joint

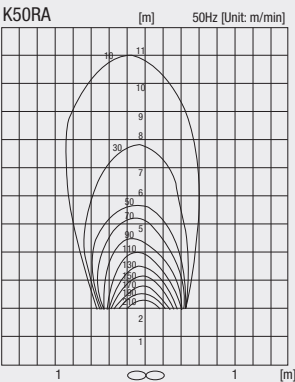
## Specifications

| Model | Color | Dimension | RPM |      | CFM  | Motor W |      | Motor HP | Motor Type        | Noise Level (dB) | Nett Weight (kg) |
|-------|-------|-----------|-----|------|------|---------|------|----------|-------------------|------------------|------------------|
|       |       |           | Low | High |      | Low     | High |          |                   |                  |                  |
| KU50Y | White | 20"/ 50cm | 940 | 1280 | 3885 | 60      | 70   | 0.094    | 14 Pole Condenser | 59               | 6.0              |

# Industrial Wall Fan



K50RA



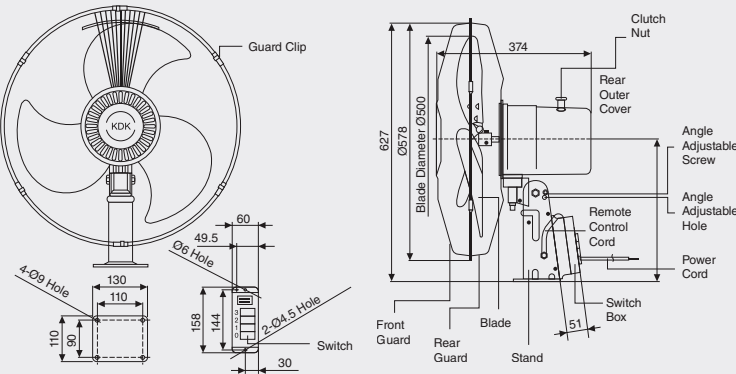
## Features

- Oscillation control and easy angle adjustment
- Safety mesh wire guard
- 3-speed and off by push button switch (Wall Mounted)

## Specifications

| Model | Dimension  |        | Air Velocity (ft/min) | CFM  | Motor W | Nett Weight (kg) | Noise Level (dB) |
|-------|------------|--------|-----------------------|------|---------|------------------|------------------|
| K50RA | 20" / 50cm | High   | 1043                  | 6710 | 146     | 13.10            | 62               |
|       |            | Medium | 925                   | 5297 | 115     |                  |                  |
|       |            | Low    | 826                   | 4238 | 104     |                  |                  |

## Dimensions



# Wall Mounted Ventilating Fans



15AAQ1



20AQM8 ■ 25AQM7 ■ 30AQM8

## Features

- Quiet operation
- High efficiency for air flow and energy saving
- Ball bearing motor for smooth rotation and excellent durability
- Automatic shutter
- Excellent for small room (Applicable to 15AAQ1)

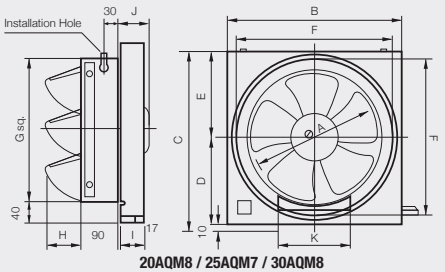
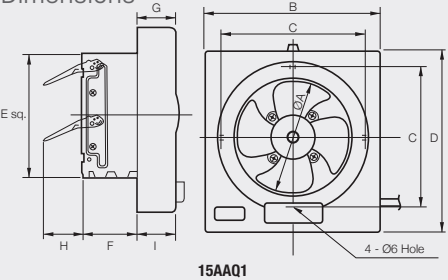
## Specifications

| Model  | Dimension  | RPM       | CFM | Motor Rating   | Motor W   | Motor HP | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|--------|------------|-----------|-----|----------------|-----------|----------|------------------|------------------|------------------|
| 15AAQ1 | 6" / 15cm  | 1480      | 170 | 220-240V, 50Hz | 15        | -        | Condenser        | 31               | 1.40             |
| 20AQM8 | 8" / 20cm  | 1109-1301 | 318 |                | 14.9-18.3 | 0.02     | 4 Pole Condenser | 37               | 2.30             |
| 25AQM7 | 10" / 25cm | 999-1221  | 530 |                | 25.2-30.8 | 0.03     |                  | 39               | 2.60             |
| 30AQM8 | 12" / 30cm | 925-1085  | 727 |                | 31.8-38.8 | 0.05     |                  | 45               | 3.00             |

## Dimensions (mm)

| Model  | A        | B   | C   | D   | E   | F   | G   | H  | I  | J  | K   |
|--------|----------|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| 15AAQ1 | 150 dia. | 240 | 195 | 254 | 170 | 75  | 55  | 54 | 52 | -  | -   |
| 20AQM8 | 200 dia. | 300 | 310 | 160 | 150 | 260 | 240 | 83 | 45 | 68 | 140 |
| 25AQM7 | 250 dia. | 350 | 360 | 185 | 175 | 310 | 290 | 65 | 40 | 48 | 150 |
| 30AQM8 | 300 dia. | 400 | 410 | 210 | 200 | 360 | 340 | 81 |    |    | 160 |

## Dimensions



# Wall Mounted Ventilating Fans



20ALH ■ 25ALH



25AUFA (Raku-Raku™)

## Features

- Curve shape front louver design for better outlook and safety
- Advance aerodynamic blade design minimizes any obstacle against the airflow
- Improved high performance condenser motor with long life bearing
- Energy saving
- Automatic shutter
- Aluminium punching filter with non-stick coating provides easy maintenance (Applicable to 25AUFA)
- Oil deposition. Oil indicator on oil container shows deposited oil in level (Applicable to 25AUFA)

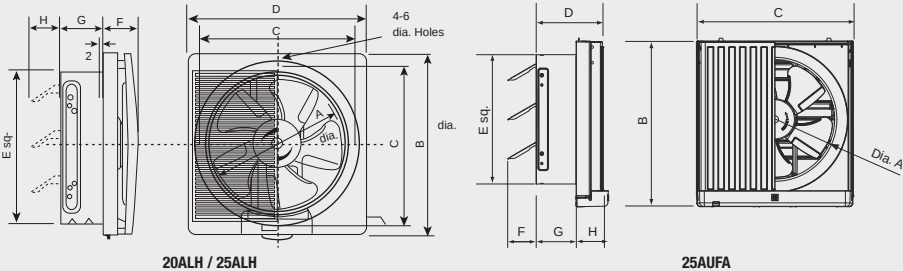
## Specifications

| Model  | Dimension  | RPM  | CFM | Motor Rating   | Motor W | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|--------|------------|------|-----|----------------|---------|------------|------------------|------------------|
| 20ALH  | 8" / 20cm  | 1210 | 321 | 220-240V, 50Hz | 22      | Condenser  | 40               | 2.20             |
| 25ALH  | 10" / 25cm | 1055 | 491 |                | 29      |            | 43               | 2.70             |
| 25AUFA | 10" / 25cm | 1100 |     |                | 34      | HP         | 42               | 2.80             |

## Dimensions (mm)

| Model  | A   | B   | C   | D   | E   | F  | G  | H  |
|--------|-----|-----|-----|-----|-----|----|----|----|
| 20ALH  | 200 | 306 | 260 | 302 | 240 | 88 | 90 | 80 |
| 25ALH  | 250 | 356 | 310 | 352 | 290 | 68 | 90 | 63 |
| 25AUFA | 250 | 371 | 352 | 150 | 290 | 70 | 90 | 65 |

## Dimensions

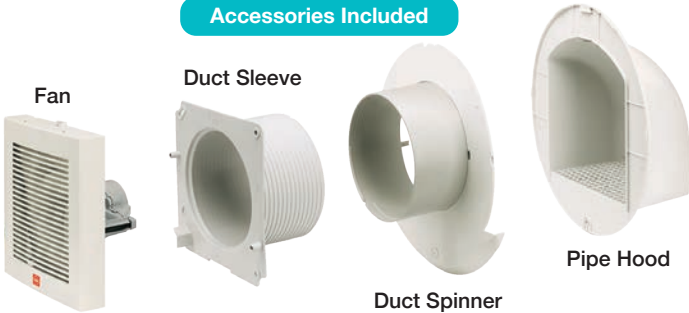


# Wall Mounted Ventilating Fans



10EGKA • 15EGKA

## Accessories Included



Duct Spinner

Pipe Hood

10EGKA • 15EGKA

## Features

- Excellent for bathroom use
- Easy installation
- Equipped with full accessories
- Easy cleaning
- Energy saving
- Exhaust moisture and odour, preventing mould

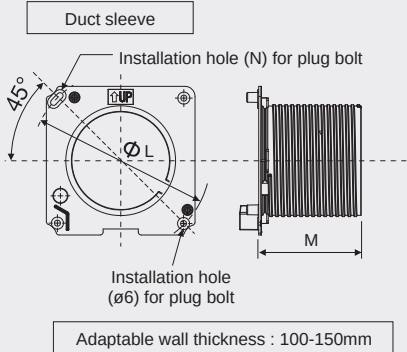
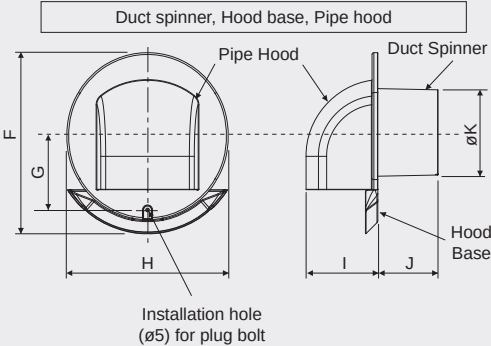
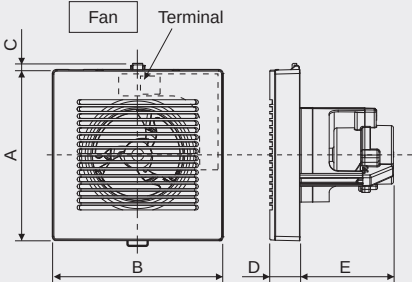
## Specifications

| Model  | Dimension | RPM  | CFM | Motor Rating      | Motor W | Motor Type                              | Noise Level (dB) | Nett Weight (kg) |
|--------|-----------|------|-----|-------------------|---------|-----------------------------------------|------------------|------------------|
| 10EGKA | 4" / 10cm | 2732 | 45  | 220-240V,<br>50Hz | 6.4     | Capacitor Start,<br>Run Induction Motor | 33               | 1.20             |
| 15EGKA | 6" / 15cm | 2405 | 96  |                   | 6.9     |                                         | 35               | 1.50             |

## Dimensions (mm)

| Model  | A   | B   | C | D  | E  | F   | G   | H   | I   | J  | K     | L     | M   | N        | Installation Space |
|--------|-----|-----|---|----|----|-----|-----|-----|-----|----|-------|-------|-----|----------|--------------------|
| 10EGKA | 170 | 170 | 6 | 30 | 93 | 250 | 107 | 220 | 99  | 83 | ø 120 | ø 177 | 100 | 6 X 9.3  | 135 ± 5            |
| 15EGKA | 220 | 220 |   |    |    | 310 | 142 | 270 | 138 |    | ø 165 | ø 221 |     | 6 X 11.5 | 180 ± 5            |

## Dimensions



# Glass Mounted Ventilating Fans

Ideal For Bathroom Ventilation



15WUD ■ 20WUD

## Features

- Improved high performance condenser motor with long life bearing
- Advanced blade design for high air volume and low noise level
- Low power consumption
- Strengthen Shutter Structure for better durability
- Installed directly into the glass window (window panel thickness from 3mm-7mm)
- Cord operated shutter

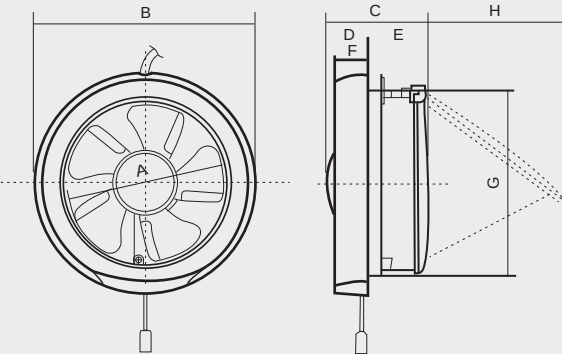
## Specifications

| Model | Dimension | RPM  | CFM | Motor Rating   | Motor W | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-------|-----------|------|-----|----------------|---------|------------|------------------|------------------|
| 15WUD | 6"/15cm   | 1463 | 124 | 220-240V, 50Hz | 8       | Condenser  | 35               | 0.90             |
| 20WUD | 8"/20cm   | 1042 | 212 |                | 16      |            | 32               | 1.10             |

## Dimensions (mm)

| Model | A     | B     | C  | D  | E  | F    | G   | H   |
|-------|-------|-------|----|----|----|------|-----|-----|
| 15WUD | ø 150 | ø 210 | 97 | 43 | 54 | 37.4 | 177 | 149 |
| 20WUD | ø 200 | ø 271 | 98 | 36 | 62 | 36   | 237 | 201 |

## Dimension





# Ceiling Mounted Ventilating Fans



## Features

- Q-Blade design for perfect balance and quiet operation
- High efficiency for air flow and energy saving
- Ball bearing motor for smoother and durable operation
- Suitable for commercial and residential use

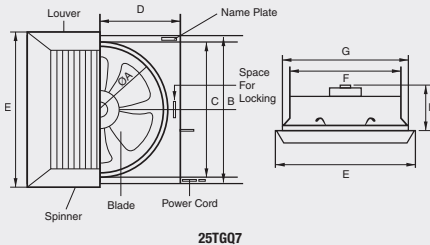
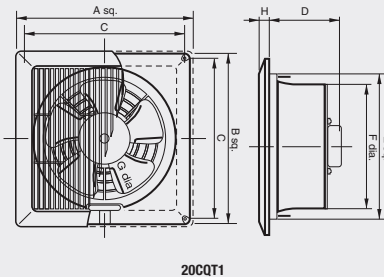
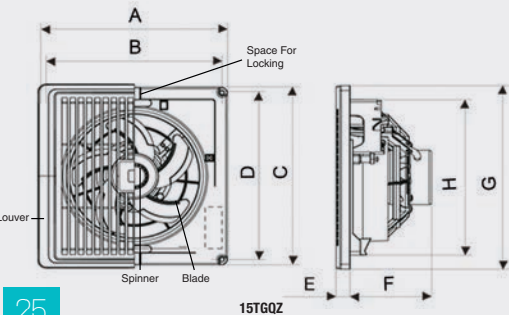
## Specifications

| Model  | Dimension  | RPM      | CFM | Motor Rating      | Motor W   | Motor HP | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|--------|------------|----------|-----|-------------------|-----------|----------|------------------|------------------|------------------|
| 15TGQZ | 6" / 15cm  | 1330     | 141 | 220-240V,<br>50Hz | 12        | -        | Condenser        | 35               | 1.20             |
| 20CQT1 | 8" / 20cm  | 1207     | 265 |                   | 25.7      | -        | Condenser        | 41               | 1.80             |
| 25TGQ7 | 10" / 25cm | 959-1172 | 367 |                   | 24.8-30.3 | 0.03     | 4 Pole Condenser | 45               | 1.90             |

## Dimensions (mm)

| Model  | A   | B   | C   | D     | E   | F   | G   | H     |
|--------|-----|-----|-----|-------|-----|-----|-----|-------|
| 15TGQZ | 244 | 230 | 244 | 230   | 18  | 108 | 253 | 214   |
| 20CQT1 | 315 | 305 | 286 | 128   | 260 | 223 | 200 | 18    |
| 25TGQ7 | 250 | 355 | 336 | 177.5 | 365 | 272 | 310 | 117.5 |

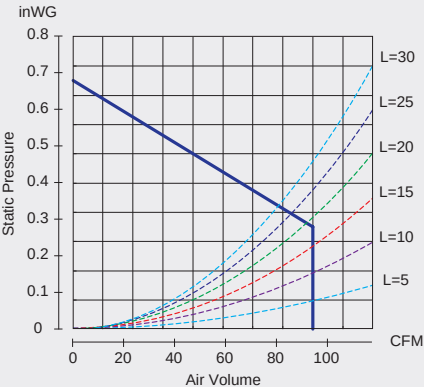
## Dimensions



# Ceiling Mounted Sirocco Ventilating Fans



24JRB



## Features

- **DC (Direct Current)** motor – Energy Saving
- Auto operation by Motion Sensor activated
- Constant airflow for 24-hour ventilating plan
- Variable speed selection
- Low noise with the distinctive design of Resonance-Noise-Absorption structure
- Taper blade design for strong and smooth performance
- Equipped with 15 minute delay timer

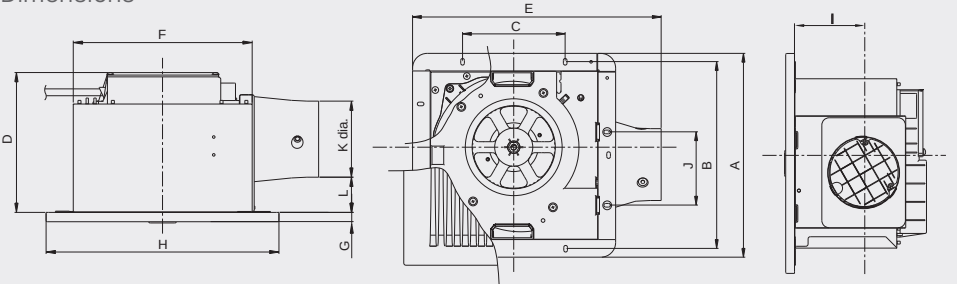
## Specifications

| Model | RPM | CFM | Motor Rating   | Motor W | Motor Type | Noise Level (dB) | Nett Weight (kg) |
|-------|-----|-----|----------------|---------|------------|------------------|------------------|
| 24JRB | 794 | 94  | 220-240V, 50Hz | 8       | DC         | 31               | 2.90             |

## Dimensions (mm)

| Model | A   | B   | C   | D   | E   | F   | G  | H   | I  | J   | K  | L  | Installation Space | Applicable Pipe |
|-------|-----|-----|-----|-----|-----|-----|----|-----|----|-----|----|----|--------------------|-----------------|
| 24JRB | 278 | 255 | 140 | 180 | 339 | 230 | 12 | 300 | 94 | 100 | 98 | 45 | 240 x 240          | Ø 100           |

## Dimensions



# Ceiling Mounted Sirocco Ventilating Fans



17CUG ■ 24CUG

### Features

- Low noise with the distinctive design of Resonance-Noise-Absorption structure
- Taper blade design to achieve strong and smooth ventilating performance
- HP (half pitch) motor with ball bearing for better durability
- Curve-shaped backdraft shutter

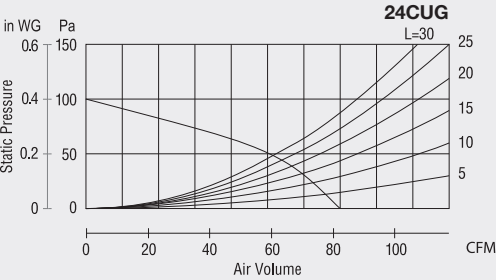
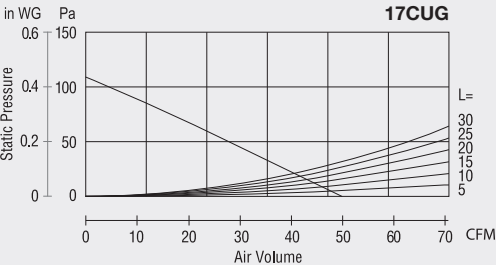
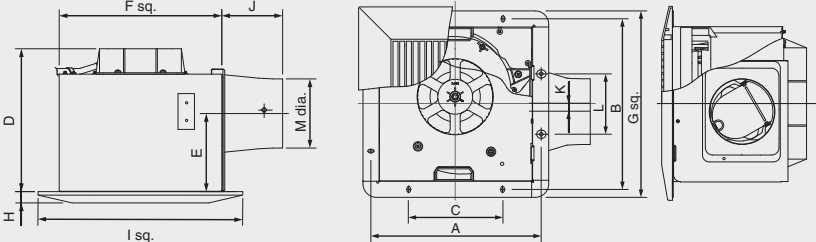
### Specifications

| Model | RPM | CFM | Motor Rating     | Motor W | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|-------|-----|-----|------------------|---------|------------------|------------------|------------------|
| 17CUG | 680 | 50  | 220-240V<br>50Hz | 7.5     | 2 Pole Condenser | 23               | 1.70             |
| 24CUG | 530 | 82  |                  | 10.5    | 2 Pole Condenser | 25               | 2.70             |

### Dimensions (mm)

| Model | A   | B   | C   | D   | E | F   | G   | H  | I   | J | K | L | M  | Installation Space | Applicable Pipe |
|-------|-----|-----|-----|-----|---|-----|-----|----|-----|---|---|---|----|--------------------|-----------------|
| 17CUG | 194 | 194 | 84  | 164 | 0 | 170 | 214 | 13 | 230 | 0 | 0 | 0 | 98 | 177 x 177          | Ø 100           |
| 24CUG | 255 | 255 | 140 | 180 | 0 | 233 | 278 | 13 | 300 | 0 | 0 | 0 | 98 | 240 x 240          | Ø 100           |

### Dimensions

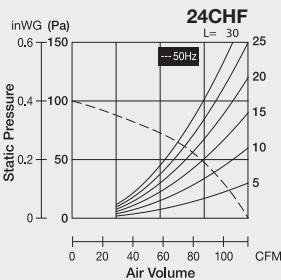
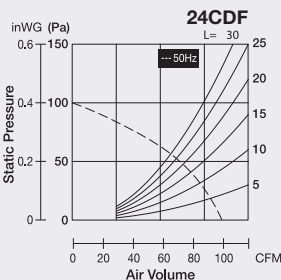


L : The length of duct (m) (The diameter of duct : Ø100mm)

# Ceiling Mounted Sirocco Ventilating Fans



24CDF ■ 24CHF



L : The length of duct (m) (The diameter of duct : Ø100mm)

## Features

- Low noise with the distinctive design of Resonance-Noise-Absorption structure
- Taper blade design to achieve strong and smooth ventilating performance
- Better durability with well lubricated ball bearing type motor
- Reverse flow prevention shutter (shutter deflection if slight, resulting in further improvement of air tightness)

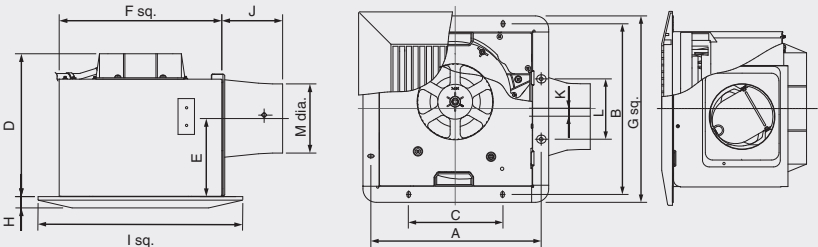
## Specifications

| Model | RPM | CFM | Motor Rating     | Motor W | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|-------|-----|-----|------------------|---------|------------------|------------------|------------------|
| 24CDF | 790 | 100 | 220-240V<br>50Hz | 17      | 4 Pole Condenser | 31               | 3.00             |
| 24CHF | 870 | 118 |                  | 20      |                  | 35               | 3.00             |

## Dimensions (mm)

| Model | A   | B   | C   | D   | E   | F   | G   | H  | I   | J  | K  | L  | M  | Installation Space | Applicable Pipe |
|-------|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|----|----|--------------------|-----------------|
| 24CDF | 254 | 255 | 140 | 200 | 110 | 230 | 278 | 13 | 300 | 85 | 10 | 90 | 98 | 240 x 240          | Ø 100           |
| 24CHF |     |     |     |     |     |     |     |    |     |    |    |    |    |                    |                 |

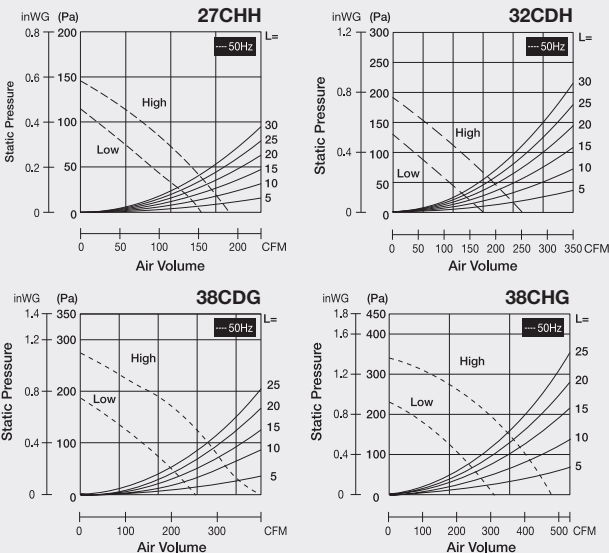
## Dimensions



# Ceiling Mounted Sirocco Ventilating Fans



27CHH • 32CDH • 38CDG • 38CHG



L : The length of duct (m) (The diameter of duct : Ø150mm)

## Features

- Low noise with the distinctive design of Resonance-Noise-Absorption structure
- Taper blade design to achieve strong and smooth ventilating performance
- Better durability with well lubricated ball bearing type motor
- Reverse flow prevention shutter (shutter deflection if slight, resulting in further improvement of air tightness)
- 2 speed motor for better convenience

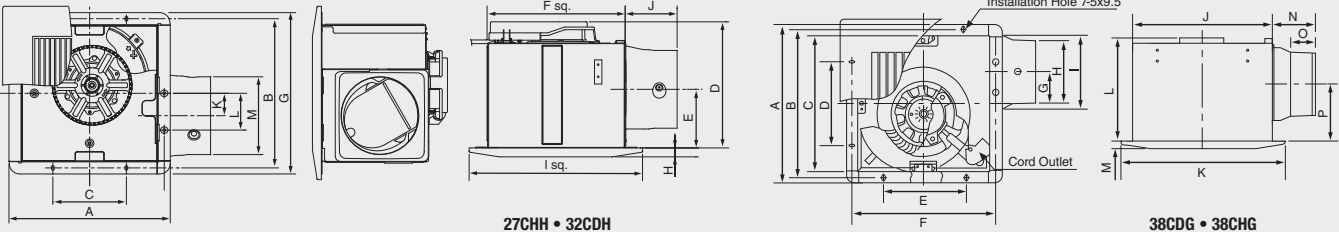
## Specifications

| Model |      | RPM | CFM | Motor Rating       | Motor W | Motor Type          | Noise Level (dB) | Net Weight (kg) |
|-------|------|-----|-----|--------------------|---------|---------------------|------------------|-----------------|
| 27CHH | High | 570 | 194 | 220 - 240V<br>50Hz | 28      | 4 Pole<br>Condenser | 34               | 4.40            |
|       | Low  | 480 | 153 |                    | 23      |                     | 30               |                 |
| 32CDH | High | 590 | 253 |                    | 42      |                     | 36               | 5.20            |
|       | Low  | 460 | 177 |                    | 32      |                     | 28               |                 |
| 38CDG | High | 645 | 377 |                    | 90      |                     | 44               | 9.70            |
|       | Low  | 456 | 253 |                    | 66      |                     | 35               |                 |
| 38CHG | High | 790 | 471 |                    | 122     |                     | 50               | 10.40           |
|       | Low  | 540 | 309 |                    | 89      |                     | 40               |                 |

## Dimensions (mm)

| Model | A   | B   | C   | D   | E   | F   | G    | H   | I   | J   | K   | L   | M   | N   | O  | P   | Installation Space | Applicable Pipe |
|-------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|----|-----|--------------------|-----------------|
| 27CHH | 307 | 284 | 140 | 240 | 112 | 260 | 307  | 19  | 330 | 100 | 43  | 70  | 148 | 100 | -  | 112 | 270 x 270          | Ø 150           |
| 32CDH | 357 | 334 | 190 | 240 | 112 | 310 | 357  | 19  | 380 | 100 | 68  | 70  | 148 | 100 | -  | 112 | 320 x 320          | Ø 150           |
| 38CDG | 422 | 399 | 375 | 255 | 255 | 374 | 72.3 | 142 | 158 | 376 | 450 | 250 | 22  | 108 | 55 | 127 | 385 x 385          | Ø 150           |
| 38CHG |     |     |     |     |     |     |      |     |     |     |     |     |     |     |    |     |                    |                 |

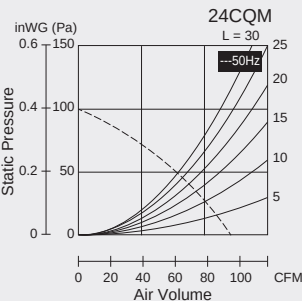
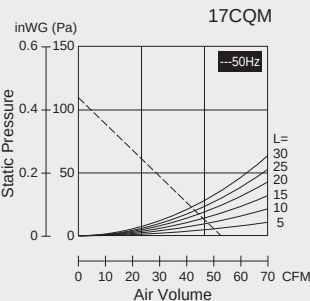
## Dimensions



# Ceiling Mounted Sirocco Ventilating Fans



17CQM ■ 24CQM



## Features

- Stylish front louver design
- Taper blade design to achieve strong and smooth ventilating performance
- Better durability with well lubricated ball bearing type motor
- Reverse flow prevention shutter (shutter deflection if slight, resulting in further improvement of air tightness)

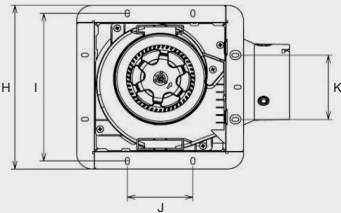
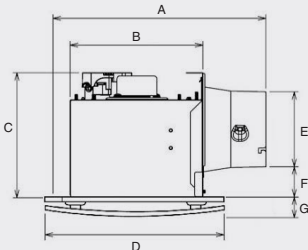
## Specifications

| Model | RPM | CFM | Motor Rating   | Motor W | Motor Type   | Noise Level (dB) | Nett Weight (kg) |
|-------|-----|-----|----------------|---------|--------------|------------------|------------------|
| 17CQM | 900 | 53  | 220-240V, 50Hz | 9.5     | Ball Bearing | 24               | 1.90             |
| 24CQM | 790 | 94  |                | 12      | Ball Bearing | 26               | 2.90             |

## Dimensions (mm)

| Model | A   | B   | C   | D   | E  | F  | G  | H   | I   | J   | K  | Installation Space | Applicable Pipe |
|-------|-----|-----|-----|-----|----|----|----|-----|-----|-----|----|--------------------|-----------------|
| 17CQM | 273 | 170 | 164 | 240 | 98 | 39 | 34 | 214 | 194 | 84  | 84 | 177 x 177          | Ø 100           |
| 24CQM | 336 | 233 | 180 | 300 | 98 | 39 | 38 | 278 | 255 | 140 | 90 | 240 x 240          | Ø 100           |

## Dimensions



# Industrial Ventilating Fans



30KQT ■ 40KQT



50AEQ2

## Features

- To ventilate factories, warehouse, restaurant kitchen and other locations where powerful ventilation is necessary
- Large metal blade assembly for abundant air volume
- Powerful, efficient and durable condenser motor
- Can be used over an ambient temperature range of -10°C to +50°C
- Possible to install horizontally
- Equipped with automatic shutter

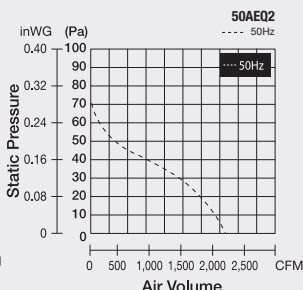
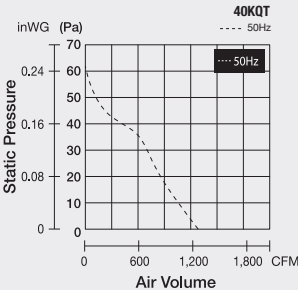
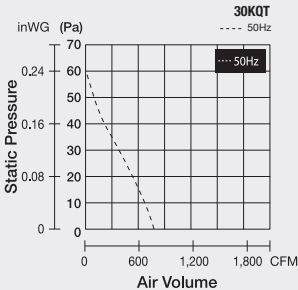
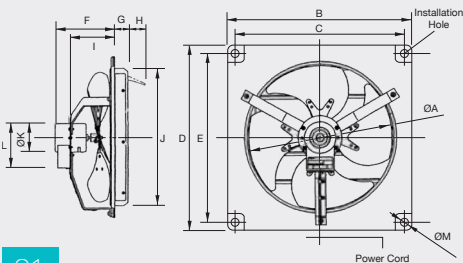
## Specifications

| Model  | Dimension  | RPM  | CFM  | Motor Rating   | Motor W | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|--------|------------|------|------|----------------|---------|------------------|------------------|------------------|
| 30KQT  | 12" / 30cm | 1185 | 718  | 220-240V, 50Hz | 42      | 4 Pole Condeser  | 46               | 4.90             |
| 40KQT  | 16" / 40cm | 1175 | 1212 |                | 61      |                  | 49               | 6.40             |
| 50AEQ2 | 20" / 50cm | 920  | 2136 |                | 108     | 4 Pole Induction | 54               | 11.50            |

## Dimensions (mm)

| Model  | A   | B   | C   | D   | E   | F   | G  | H  | I   | J   | K   | L   | M  |
|--------|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|----|
| 30KQT  | 307 | 420 | 385 | 420 | 385 | 164 | 34 | 40 | 116 | 340 | 90  | 141 | 10 |
| 40KQT  | 410 | 510 | 480 | 510 | 480 | 181 | 40 | 52 | 133 | 434 | 90  | 141 | 10 |
| 50AEQ2 | 500 | 650 | 600 | 650 | 600 | 331 | 48 | 63 | 181 | 526 | 175 | -   | 12 |

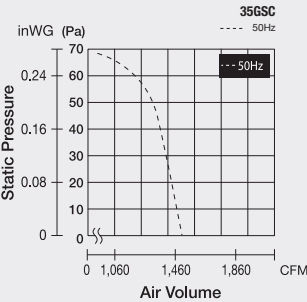
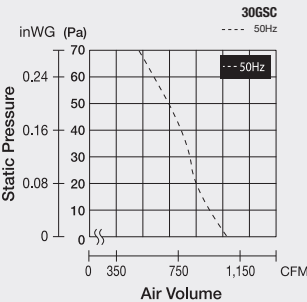
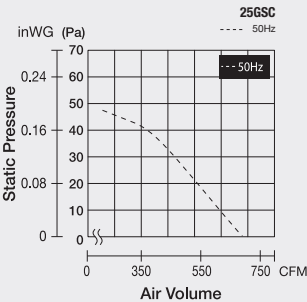
## Dimensions



# High Pressure Industrial Ventilating Fans



25GSC ■ 30GSC ■ 35GSC



## Features

- Single Phase (Reversible)
- Slimline design for optimum space utilization, permitting installation in equipment
- A unique drain mechanism discourages the ingress of water and dust into the motor, resulting in excellent durability
- The high-performance totally enclosed condenser motor contains a thermal protector which prevents the temperature of the motor from rising abnormally
- Can be used over an ambient temperature range of -10°C to + 50°C
- Possible to install horizontally
- Optional shutter available (Refer page 36)

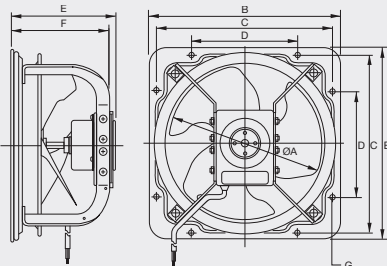
## Specifications

| Model | Dimension  | RPM  | CFM  | Motor Rating | Motor W | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|-------|------------|------|------|--------------|---------|------------------|------------------|------------------|
| 25GSC | 10" / 25cm | 1360 | 676  | 240V, 50Hz   | 39      | 4 Pole Induction | 34               | 4.40             |
| 30GSC | 12" / 30cm | 1360 | 1071 |              | 59      |                  | 38               | 6.10             |
| 35GSC | 14" / 35cm | 1420 | 1507 |              | 88      |                  | 44               | 10.50            |

## Dimensions (mm)

| Model | A        | B   | C   | D   | E   | F   | G       |
|-------|----------|-----|-----|-----|-----|-----|---------|
| 25GSC | 250 dia. | 327 | 298 | 165 | 171 | 164 | 10 dia. |
| 30GSC | 300 dia. | 378 | 349 | 210 | 200 | 187 |         |
| 35GSC | 350 dia. | 467 | 434 | 250 | 236 | 219 | 12 dia. |

## Dimensions





# High Pressure Industrial Ventilating Fans



40GSC ■ 45GSC ■ 50GSC ■ 60GSC

## Features

- Single Phase (Reversible)
- Slimline design for optimum space utilization, permitting installation in equipment
- A unique drain mechanism discourages the ingress of water and dust into the motor, resulting in excellent durability
- The high-performance totally enclosed condenser motor contains a thermal protector which prevents the temperature of the motor from rising abnormally
- Can be used over an ambient temperature range of -10°C to + 50°C
- Possible to install horizontally
- Optional shutter available (Refer page 36)

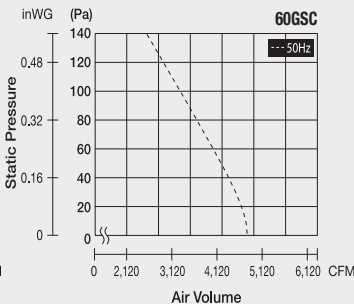
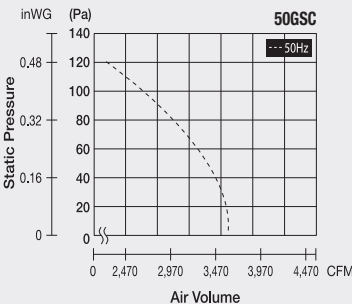
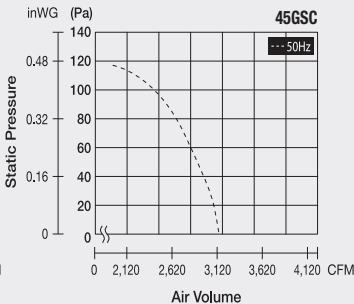
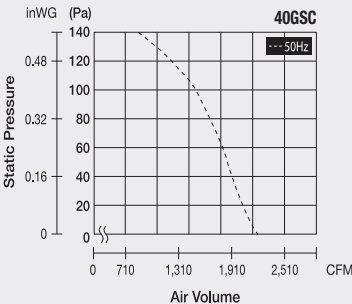
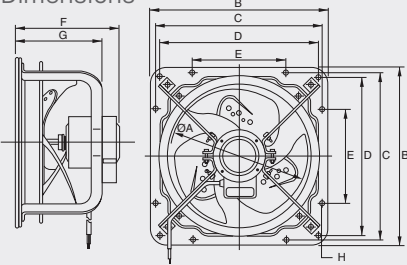
## Specifications

| Model | Dimension  | RPM  | CFM  | Motor Rating | Motor W | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|-------|------------|------|------|--------------|---------|------------------|------------------|------------------|
| 40GSC | 16" / 40cm | 1450 | 2125 | 240V, 50Hz   | 161     | 4 Pole Induction | 47               | 19.00            |
| 45GSC | 18" / 45cm | 1410 | 3061 |              | 227     |                  | 51               | 19.00            |
| 50GSC | 20" / 50cm | 960  | 3608 |              | 249     | 6 Pole Induction | 47               | 22.50            |
| 60GSC | 24" / 60cm | 970  | 4732 |              | 245     |                  | 50               | 34.00            |

## Dimensions (mm)

| Model | A        | B   | C   | D   | E   | F   | G   | H       |
|-------|----------|-----|-----|-----|-----|-----|-----|---------|
| 40GSC | 400 dia. | 518 | 485 | 460 | 280 | 274 | 225 | 12 dia. |
| 45GSC | 450 dia. | 570 | 540 | -   | 320 | 297 | 248 |         |
| 50GSC | 500 dia. | 659 | 620 | 560 | 355 | 315 | 266 | 15 dia. |
| 60GSC | 620 dia. | 760 | 720 | 650 | 400 | 320 | 262 |         |

## Dimensions



# High Pressure Industrial Ventilating Fans



45GTC • 50GTC • 60GTC

## Features

- Three Phase (Reversible)
- Slimline design for optimum space utilization, permitting installation in equipment
- A unique drain mechanism discourages the ingress of water and dust into the motor, resulting in excellent durability
- The high-performance totally enclosed condenser motor contains a thermal protector which prevents the temperature of the motor from rising abnormally
- Can be used over an ambient temperature range of -10°C to + 50°C
- Possible to install horizontally
- Optional shutter available (Refer page 36)

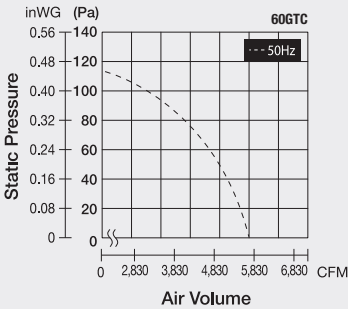
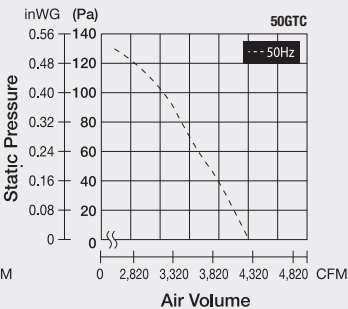
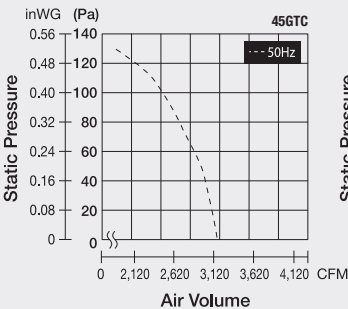
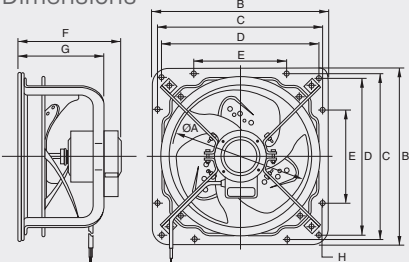
## Specifications

| Model | Dimension  | RPM  | CFM  | Motor Rating | Motor W | Motor Type       | Noise Level (dB) | Nett Weight (kg) |
|-------|------------|------|------|--------------|---------|------------------|------------------|------------------|
| 45GTC | 18" / 45cm | 1450 | 3249 | 415V, 50Hz   | 220     | 4 Pole Induction | 52               | 18.50            |
| 50GTC | 20" / 50cm | 1400 | 4097 |              | 320     |                  | 54               | 28.50            |
| 60GTC | 24" / 60cm | 940  | 5544 |              | 310     | 6 Pole Induction | 49               | 34.00            |

## Dimensions (mm)

| Model | A        | B   | C   | D   | E   | F   | G   | G       |
|-------|----------|-----|-----|-----|-----|-----|-----|---------|
| 45GTC | 450 dia. | 570 | 540 | -   | 320 | 297 | 248 | 12 dia. |
| 50GTC | 500 dia. | 659 | 620 | 560 | 355 | 304 | 246 | 15 dia. |
| 60GTC | 620 dia. | 760 | 720 | 650 | 400 | 320 | 262 |         |

## Dimensions



# Air Curtains



08ESK ■ 08ELK ■ 10ESK ■ 10ELK  
12ESK ■ 12ELK ■ 14ESK ■ 14ELK

## Features

- Unique sirocco fan provides an effective, amply-sized, powerful air door
- Simplified installation; either wall-hang, or suspended from the ceiling of a room
- Two-speed changeover (HI, LO and OFF) is available with a push-button switch provided in the unit
- Attractive modern design enhances installation placement in any location

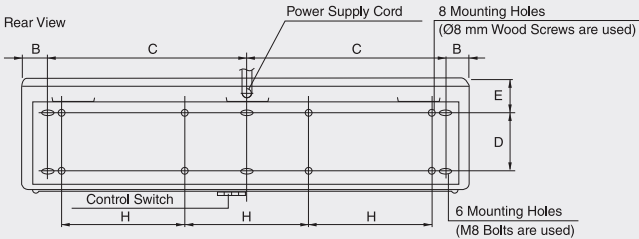
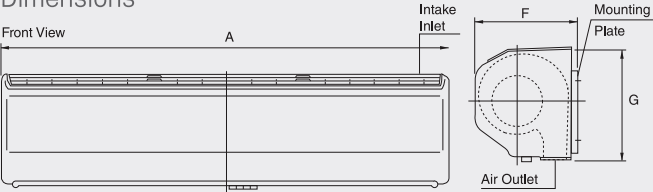
## Specifications

| Model          |    | Length (mm) | Current (A) | Outlet Velocity (m/s) | CFM  | Motor W | Noise Level (dB) | Nett Weight (kg) |
|----------------|----|-------------|-------------|-----------------------|------|---------|------------------|------------------|
| 08ESK (3 x 8)  | Hi | 900         | 0.23        | 11.5                  | 383  | 46      | 42               | 12.00            |
|                | Lo |             | 0.21        | 10.3                  | 341  | 42      | 39               |                  |
| 08ELK (4 x 8)  | Hi | 1200        | 0.28        | 11.6                  | 518  | 57      | 43               | 14.00            |
|                | Lo |             | 0.27        | 10.6                  | 471  | 53      | 41               |                  |
| 10ESK (3 x 10) | Hi | 900         | 0.4         | 13                    | 441  | 72      | 46               | 12.00            |
|                | Lo |             | 0.29        | 11.1                  | 371  | 62      | 42               |                  |
| 10ELK (4 x 10) | Hi | 1200        | 0.54        | 13.1                  | 589  | 96      | 46               | 14.00            |
|                | Lo |             | 0.35        | 11                    | 489  | 74      | 42               |                  |
| 12ESK (3 x 12) | Hi | 900         | 0.82        | 16.9                  | 618  | 176     | 55               | 13.00            |
|                | Lo |             | 0.69        | 15.8                  | 565  | 155     | 50               |                  |
| 12ELK (4 x 12) | Hi | 1200        | 1.04        | 17                    | 836  | 224     | 56               | 15.00            |
|                | Lo |             | 0.9         | 15.8                  | 777  | 200     | 51               |                  |
| 14ESK (3 x 14) | Hi | 900         | 1.14        | 21.9                  | 789  | 257     | 62               | 13.00            |
|                | Lo |             | 0.99        | 19.1                  | 687  | 218     | 59               |                  |
| 14ELK (4 x 14) | Hi | 1200        | 1.52        | 22.5                  | 1099 | 333     | 63               | 15.00            |
|                | Lo |             | 1.32        | 20.1                  | 982  | 290     | 61               |                  |

## Dimensions (mm)

| Model | A    | B   | C   | D   | E  | F   | G   | H   |
|-------|------|-----|-----|-----|----|-----|-----|-----|
| 08ESK | 900  | 50  | 400 | 120 | 63 | 205 | 226 | 250 |
| 08ELK | 1200 | 200 |     |     |    |     |     |     |
| 10ESK | 900  | 50  |     |     |    |     |     |     |
| 10ELK | 1200 | 200 |     |     |    |     |     |     |
| 12ESK | 900  | 50  |     |     |    |     |     |     |
| 12ELK | 1200 | 200 |     |     |    |     |     |     |
| 14ESK | 900  | 50  | 400 | 120 | 63 | 205 | 226 | 250 |
| 14ELK | 1200 | 200 |     |     |    |     |     |     |

Dimensions



| Efficient distance | Air velocity chart (m/s)<br>Maximum value at HI speed 50Hz                                                                                                | Length of unit    |                    |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|
|                    |                                                                                                                                                           | 900mm<br>(3 feet) | 1200mm<br>(4 feet) |
| 2.5m<br>(8 feet)   | <p>Air Outlet</p> <p>1m: 3.5 - 4.5 [4.0 - 5.0]</p> <p>2m: 2.5 - 3.0 [3.0 - 3.5]</p> <p>▼ 2.5m: 1.5 - 2.0 [2.0 - 2.5]</p> <p>3m: 1.5 - 2.0 [2.0 - 2.5]</p> | 08ESK             | 08ELK              |
| 3.0m<br>(10 feet)  | <p>Air Outlet</p> <p>1m: 4.5 - 5.5 [5.0 - 6.0]</p> <p>2m: 3.0 - 4.0 [3.5 - 4.5]</p> <p>▼ 3m: 2.5 - 3.0 [3.0 - 3.5]</p> <p>4m: 1.5 - 2.0 [2.0 - 2.5]</p>   | 10ESK             | 10ELK              |

| Efficient distance | Air velocity chart (m/s)<br>Maximum value at HI speed 50Hz                                                                                                                                 | Length of unit    |                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|
|                    |                                                                                                                                                                                            | 900mm<br>(3 feet) | 1200mm<br>(4 feet) |
| 3.5m<br>(12 feet)  | <p>Air Outlet</p> <p>1m: 6.0 - 7.0 [6.0 - 7.0]</p> <p>2m: 4.5 - 5.5 [4.5 - 5.5]</p> <p>3m: 3.5 - 4.0 [3.5 - 4.0]</p> <p>▼ 3.5m: 2.5 - 3.0 [2.5 - 3.0]</p> <p>4m: 2.5 - 3.0 [2.5 - 3.0]</p> | 12ESK             | 12ELK              |
| 4.0m<br>(14 feet)  | <p>Air Outlet</p> <p>1m: 7.5 - 8.5 [7.5 - 8.5]</p> <p>2m: 5.5 - 6.5 [5.5 - 6.5]</p> <p>3m: 4.5 - 5.5 [4.5 - 5.5]</p> <p>▼ 4m: 3.5 - 4.0 [3.5 - 4.0]</p> <p>5m: 3.0 - 3.5 [3.0 - 3.5]</p>   | 14ESK             | 14ELK              |

# Mini Sirocco Fans



K10CG1 ▪ K12CG1 ▪ K14CG1  
K16CG1 ▪ K19CG1 ▪ K21CG1

## Features

- New concept body design
- High performance sirocco fan with low noise level
- Duct size at both suction and discharge port are identical to improve stability
- Outlet direction is adjustable to vertical or horizontal position

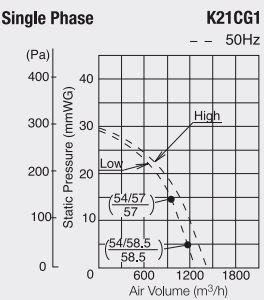
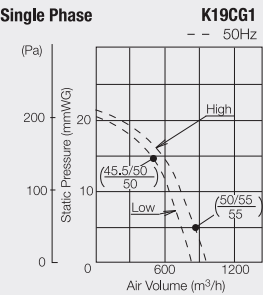
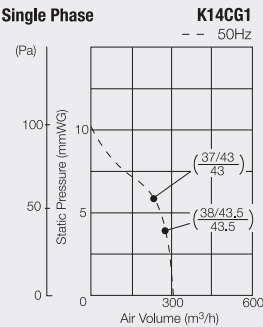
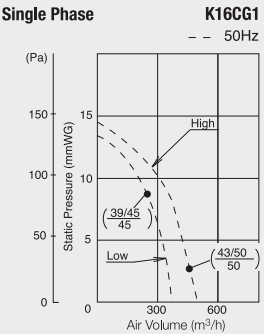
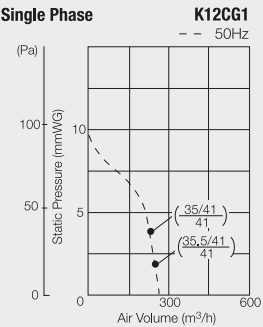
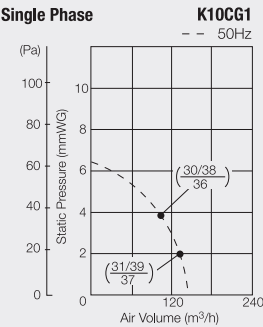
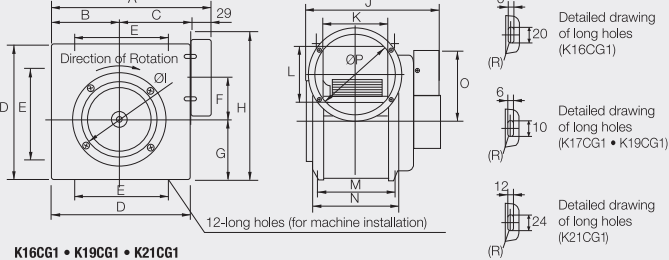
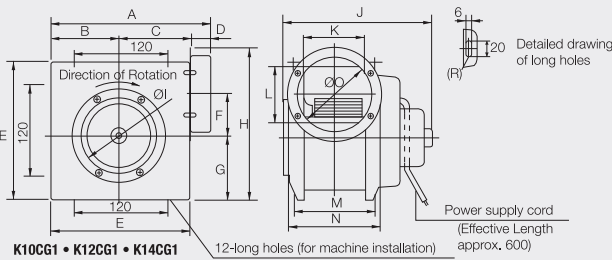
## Specifications

|              | Model No. | Input (W) | Fan Speed (min <sup>-1</sup> ) | CFM  | NOISE (dB)  |              |                | Impeller Diameter (cm) | Suction Duct Size (mm) | Discharge Duct Size (mm) | Nett Weight (kg) |
|--------------|-----------|-----------|--------------------------------|------|-------------|--------------|----------------|------------------------|------------------------|--------------------------|------------------|
|              |           |           |                                |      | Casing Side | Suction Side | Discharge Side |                        |                        |                          |                  |
| Single Phase | K10CG1    | 11        | 980                            | 85   | 32          | 38           | 38             | 10                     | ø100                   | ø100                     | 3.10             |
|              | K12CG1    | 21        | 760                            | 152  | 34          | 39           | 39             | 12                     | ø150                   | ø150                     | 3.60             |
|              | K14CG1    | 30        | 930                            | 181  | 39          | 44.5         | 44.5           | 12                     | ø150                   | ø150                     | 3.80             |
|              | K16CG1    | Hi        | 49                             | 1080 | 291         | 43.5         | 50             | 15                     | ø150                   | ø150                     | 5.30             |
|              |           | Lo        | 41                             | 875  | 215         | 38           | 44.5           |                        |                        |                          |                  |
|              | K19CG1    | Hi        | 117                            | 1110 | 557         | 50.5         | 55.5           | 18                     | ø200                   | ø200                     | 9.40             |
|              |           | Lo        | 109                            | 1030 | 483         | 49           | 54             |                        |                        |                          |                  |
|              | K21CG1    | Hi        | 240                            | 1325 | 836         | 57           | 61             | 20                     | ø200                   | ø200                     | 15.00            |
|              |           | Lo        | 220                            | 1230 | 742         | 56           | 59.5           |                        |                        |                          |                  |

## Dimensions (mm)

| Model            | A   | B   | C   | D   | E   | F   | G   | H   | I   | J   | K   | L   | M   | N   | O   | P   |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| K10CG1           | 206 | 86  | 95  | 24  | 180 | 56  | 82  | 199 | 98  | 199 | 80  | 74  | 106 | 120 | 98  | -   |
| K12CG1<br>K14CG1 | 261 | 112 | 119 | 29  | 230 | 76  | 100 | 261 | 148 | 230 | 105 | 98  | 131 | 145 | 148 | -   |
| K16CG1           | 281 | 125 | 126 | 250 | 160 | 85  | 108 | 279 | 148 | 237 | 117 | 102 | 143 | 157 | 128 | 148 |
| K19CG1           | 331 | 151 | 150 | 300 | 160 | 106 | 130 | 346 | 198 | 310 | 165 | 116 | 187 | 205 | 142 | 198 |
| K21CG1           | 361 | 166 | 165 | 330 | 200 | 121 | 145 | 378 | 198 | 360 | 190 | 110 | 226 | 250 | 161 | 198 |

Dimensions



# Accessories



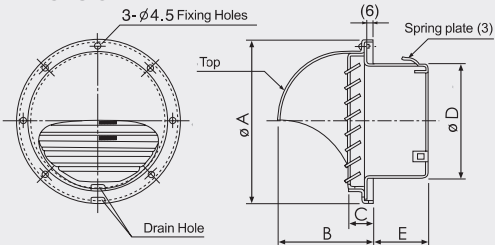
## Duct Cover For Ventilating Fan

- High Strength - SUS 304 stainless steel
- Excellent anti-rust capability - hood part coated with metallic silver paint.
- Easy Installation - spring clips facilitate duct / pipe connection
- Keep out ingress of small particles and insects from outside

| Model   | A   | B   | C  | D   | E  | Dimension of Net (mm) | Dimension of Applicable Pipe (mm)* |
|---------|-----|-----|----|-----|----|-----------------------|------------------------------------|
| MGX100K | 141 | 79  | 20 | 97  | 48 | 2.5 x 2.5             | 100                                |
| MGX150K | 190 | 106 | 23 | 147 | 53 | 2.5 x 2.5             | 150                                |

\* Applicable models  
100mm = 17CUG, 24CUG, 24CDF, 24CHF, 24JRB, 17CFM, 24CFM  
150mm = 27CHH, 32CDH, 38CDG, 38CHG

## Dimension



## Extended Fork Pipe for Ceiling Fan

- Equipped with full length safety wire with switch lever for safety switch
- Available upon ordering (1-2 months lead time)
- Available in various length

## Specifications

(Applicable to K12V0, K15V0, K15VC, K15W0-S)

| Part Number  | Description             |
|--------------|-------------------------|
| M15A00292ZMW | Pipe Assy (30cm / 12")  |
| SPCF2001-M   | Pipe Assy (40cm / 16")  |
| SPCF2002-M   | Pipe Assy (45cm / 18")  |
| SPCF2003-M   | Pipe Assy (60cm / 24")  |
| SPCF2004-M   | Pipe Assy (75cm / 30")  |
| SPCF2005-M   | Pipe Assy (90cm / 36")  |
| SPCF2007-M   | Pipe Assy (120cm / 48") |
| SPCF2008-M   | Pipe Assy (135cm / 54") |
| SPCF2009-M   | Pipe Assy (150cm / 60") |

## Specifications

(Applicable to K18NY Only)

| Part Number | Description               |
|-------------|---------------------------|
| KZ30PB      | Pipe Assy (75cm / 30")    |
| KZ36PB      | Pipe Assy (90cm / 36")    |
| KZ48PB      | Pipe Assy (120cm / 48")   |
| KZ60PB      | Pipe Assy (150cm / 60")   |
| KZ79PB      | Pipe Assy (197.5cm / 79") |

# Accessories



## Shutter for High Pressure Ventilating Fan

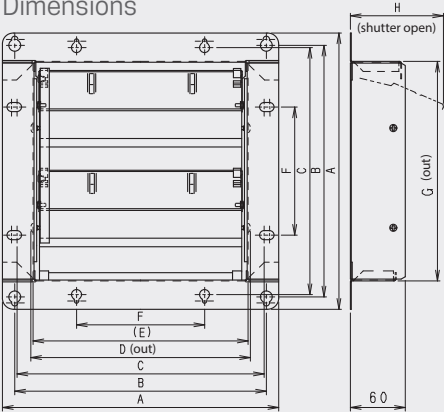
(Applicable to 25GSC, 30GSC, 35GSC, 40GSC, 45GSC, 50GSC, 60GSC, 45GTC, 50GTC, 60GTC)

- Available upon ordering  
(3-4 months lead time)

## Specifications

| Model  | Size      | Dimension (mm) |     |     |     |     |     |     |     |    |   | No of Shutter |
|--------|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|----|---|---------------|
|        |           | A              | B   | C   | D   | E   | F   | G   | H   | I  | J |               |
| 25GASC | 25cm/ 10" | 330            | 303 | 298 | 268 | 263 | 165 | 268 | 137 | 10 | 6 | 2             |
| 30GASC | 30cm/ 12" | 381            | 354 | 349 | 319 | 314 | 210 | 319 | 122 | 10 | 6 | 3             |
| 35GASC | 35cm/ 14" | 468            | 433 | 434 | 389 | 384 | 250 | 389 | 137 | 12 | 6 | 3             |
| 40GASC | 40cm/ 16" | 519            | 484 | 485 | 440 | 435 | 280 | 440 | 122 | 12 | 6 | 4             |
| 45GASC | 45cm/ 18" | 574            | 539 | 540 | 492 | 487 | 320 | 492 | 137 | 15 | 5 | 5             |
| 50GASC | 50cm/ 20" | 660            | 625 | 620 | 545 | 540 | 355 | 545 | 122 | 15 | 5 | 5             |
| 60GASC | 60cm/ 24" | 760            | 725 | 720 | 662 | 657 | 400 | 662 | 122 | 15 | 5 | 6             |

## Dimensions





Fans For Life!



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Printed in Malaysia **CATALOG NO : ME-20-D**

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Specifications are subject to change without prior notice  
\*\* Product may vary from pictures shown