

# SPECIFICATIONS



| Model No.       | Voltage    |      | Air Volume |       | Consumption | Noise    | Weight | Installation Space | Duct Size |      |
|-----------------|------------|------|------------|-------|-------------|----------|--------|--------------------|-----------|------|
|                 | [V]        | [Hz] | [m³/h]     | [CFM] | [W]         | [dB (A)] | [kg]   | [mm]               | [mm]      |      |
| Sensor Series   | FV-24CURV2 | 220  | 50         | 140   | 82          | 11       | 25     | 2.9                | 240 x 240 | ø100 |
|                 | FV-24CHR2  | 220  | 50         | 200   | 118         | 17       | 32     | 2.9                | 240 x 240 | ø100 |
|                 | FV-24CUR2  | 220  | 50         | 140   | 82          | 11       | 25     | 2.8                | 240 x 240 | ø100 |
|                 | FV-24CHR2  | 220  | 50         | 200   | 118         | 17       | 32     | 2.8                | 240 x 240 | ø100 |
| Standard Series | FV-24CU9   | 220  | 50         | 140   | 82          | 10.5     | 25     | 2.7                | 240 x 240 | ø100 |
|                 |            | 230  | 50         | 150   | 88          | 11       | 26     |                    |           |      |
|                 |            |      | 60         | 150   | 88          | 13.5     | 26.5   |                    |           |      |
|                 |            | 240  | 50         | 160   | 94          | 12       | 27     |                    |           |      |
|                 | FV-24CD9   | 220  | 50         | 170   | 100         | 13.5     | 28.5   | 2.7                | 240 x 240 | ø100 |
|                 |            | 230  | 50         | 180   | 106         | 15       | 30     |                    |           |      |
|                 |            |      | 60         | 180   | 106         | 19       | 31     |                    |           |      |
|                 |            | 240  | 50         | 190   | 112         | 16.5     | 31.5   |                    |           |      |
|                 | FV-24CH9   | 220  | 50         | 200   | 118         | 16.5     | 32     | 2.7                | 240 x 240 | ø100 |
|                 |            | 230  | 50         | 210   | 124         | 18       | 34     |                    |           |      |
|                 |            | 240  | 50         | 210   | 124         | 19.5     | 35     |                    |           |      |
|                 | FV-17CH9   | 220  | 50         | 100   | 59          | 9.5      | 27.5   | 1.7                | 177 x 177 | ø100 |
|                 | FV-17CU9   | 220  | 50         | 85    | 50          | 7.5      | 23     | 1.7                | 177 x 177 | ø100 |
|                 |            | 230  | 50         | 85    | 50          | 8.5      | 24.5   |                    |           |      |
|                 |            |      | 60         | 85    | 50          | 10       | 24     |                    |           |      |
|                 |            | 240  | 50         | 90    | 53          | 9.5      | 26     |                    |           |      |

**Note:**

- 1.The value of power consumption, air volume and noise are specified at the static pressure of 0 Pa.
- 2.The value of air volume is the mean value which is measured by our company.
- 3.The value of noise level is measured at 1m apart from the left, the right and the front of product, then get the average of three values.
- 4.The value of noise level is A weight average sound pressure level, the mean value is measured by our company.

Living in Fresh Environment

## VENTILATING FAN CEILING-MOUNT




Panasonic Ecology Systems Co., Ltd.  
<http://www.peshk.panasonic.hk>

- Actual colors may vary slightly from shown.  
 - Specifications are subject to change without prior notice.

CATALOG NO: P-CM004

11. 2022



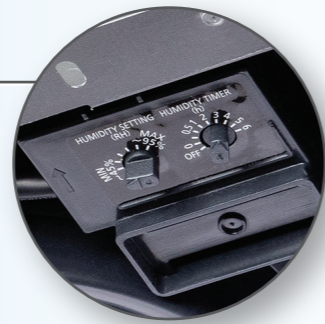
# GENERAL FEATURE (for Sensor and Standard Series)

## STANDARD SERIES

Achieve reduction of power consumption and noise by the optimized product structure



## SENSOR SERIES



Switch for Pre-set Humidity / Off Delay Timer (for sensor series FV-24CURV2 and FV-24CHR2)

## Long Life

- The unique design of HP (Half Pitch) motor incorporates with well lubricated ball bearings. It reduces temperature rise and prolongs motor lifetime and product durability
- Frame assembly made of ZAM alloy coated steel enhances rust protection
- Louver adopts PP material which has comparatively higher chemical resistance and weatherability than ABS material used in previous model

## Highly Efficient

- Taper blade design effectively controls the turbulence surrounding the blade. Strong and smooth ventilation performance is achieved while noise level is reduced
- Curve-shaped backdraft shutter results in further improvement of air tightness and strength

## Super Low Noise

- The integrated casing and orifice minimize the transmission of noise from the fan and motor to exterior. This technology further reduces the operation noise to incredibly low level by "Resonance-Noise-Absorption" operation, which creates a silent environment

## Easy Installation

- Cassette type discharge adaptor facilitates the installation of the product, as well as duct connecting work
- Spring-clip on louver allows convenient installation and removal of louver

# AUTO OPERATION (for Sensor Series)

## Motion Sensor

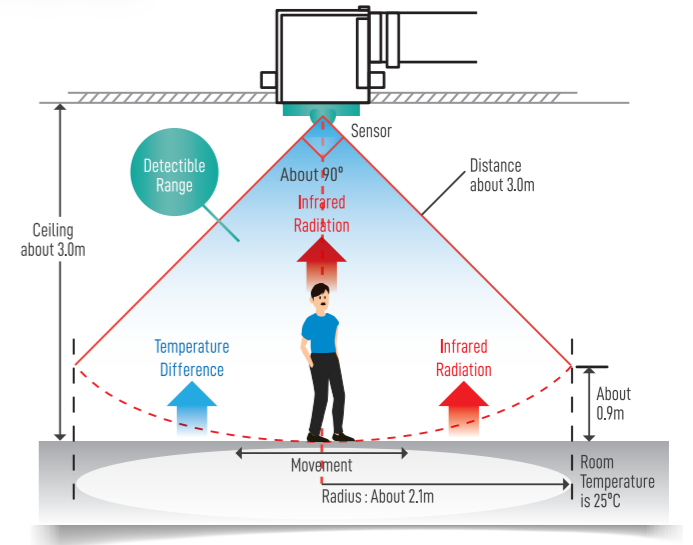
(for FV-24CURV2, FV-24CUR2, FV-24CHR2 and FV-24CHR2)

You may forget to switch off the fan after using the toilet/bathroom, then you have to walk back for switching off the fan afterwards.

Ventilating fan with motion sensor can be switched on automatically when you enter the room and switched off after you leave.

### Note:

- It may be difficult to sense in the following cases
- When there is almost no human movement
  - When the room temperature is close to the body temperature
  - There is an obstacle such as a shelf near the product

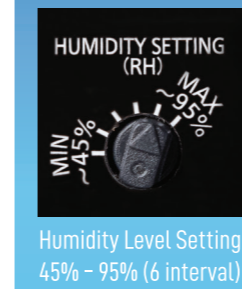


## Humidity Sensor (for FV-24CURV2 and FV-24CHR2)

High level of humidity is often the result of vapor and steam generated by bathing that leads to discomfort and dampness problems in the house.

Ventilating fan with humidity sensor can help remove excess moisture from the room. The fan will be switched on when room humidity rises to the pre-set level and vice versa.

Also, during humid seasons, the fan will be activated as the room humidity reaches the pre-set level for ventilation effect. (Default Setting : 85%)



Humidity Level Setting : 45% - 95% (6 interval)

## Off Delay Timer (for FV-24CURV2 and FV-24CHR2)

Sensor ventilating fan is equipped with Off Delay Timer which allows the fan to exhaust residual moisture and smell for pre-set duration after you leave the room. Even motion is not detected or the room humidity is lower than the pre-set level, the fan continues the operation until pre-set time has elapsed.

Pre-set Delay Duration  
 Motion Sensing : 15 minutes (default)  
 Humidity Sensing : OFF / 0.25 / 0.5 / 1 / 2 / 3 / 4 / 5 / 6 hours  
 (Default Setting : 1 hour)



Off Delay Timer Setting for Humidity Sensing

|                  |                        |                  |                  |  |                 |
|------------------|------------------------|------------------|------------------|--|-----------------|
| Motion Sensing   | Unoccupied             | Motion Sensed    | Occupied         | Unoccupied Elapse Time 15min.              | Unoccupied      |
| Humidity Sensing | Pre-set Humidity Level |                  |                  |  |                 |
| Room Humidity    | < Pre-set Level        | >= Pre-set Level | >= Pre-set Level | < Pre-set Level Elapse Time 0.25 - 6 hours | < Pre-set Level |
| Operation        | Stop                   | Sensor Activated | Operation        | Delay Timer Operation                      | Stop            |



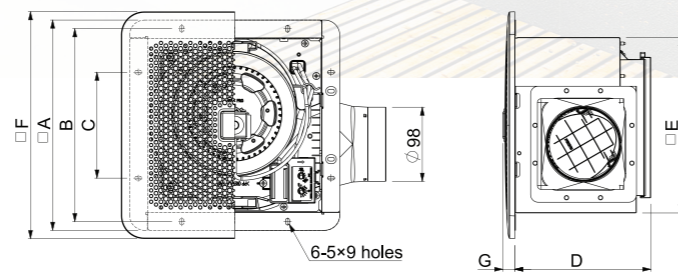
# CEILING MOUNT VENTILATING FAN



## SENSOR SERIES

### FV-24CURV2 FV-24CHR2

- Auto operation by motion sensor and humidity sensor
- Off delay timer (6 selections)
- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level

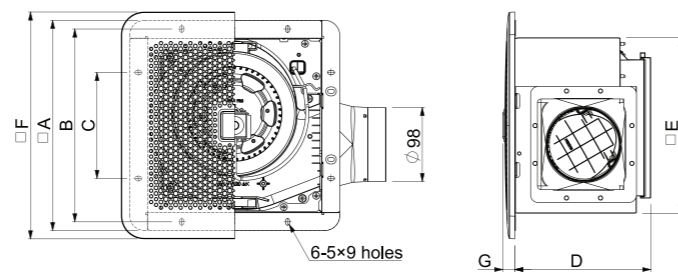


Unit: mm

| A   | B   | C   | D   | E   | F   | G  | Duct Size |
|-----|-----|-----|-----|-----|-----|----|-----------|
| 278 | 255 | 140 | 180 | 233 | 300 | 16 | Ø100      |

### FV-24CUR2 FV-24CHR2

- Auto operation by motion sensor
- Off delay timer (15 minutes)
- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level



Unit: mm

| A   | B   | C   | D   | E   | F   | G  | Duct Size |
|-----|-----|-----|-----|-----|-----|----|-----------|
| 278 | 255 | 140 | 180 | 233 | 300 | 16 | Ø100      |

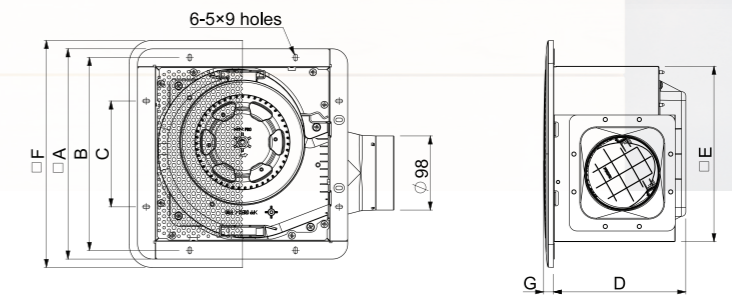
# CEILING MOUNT VENTILATING FAN



## STANDARD SERIES

### FV-24CU9 FV-24CD9 FV-24CH9

- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level

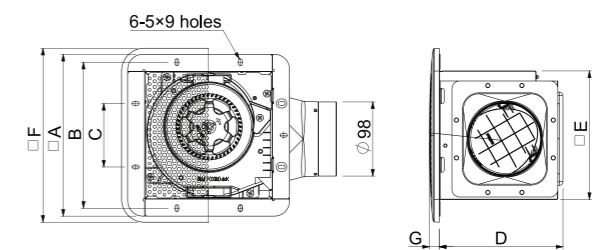


Unit: mm

| A   | B   | C   | D   | E   | F   | G  | Duct Size |
|-----|-----|-----|-----|-----|-----|----|-----------|
| 278 | 255 | 140 | 175 | 233 | 300 | 13 | Ø100      |

### FV-17CU9 FV-17CH9

- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level



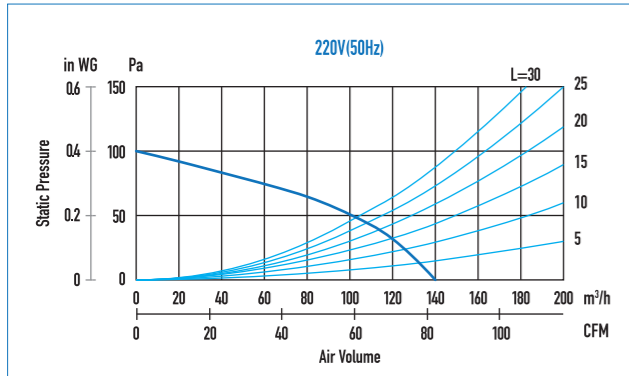
Unit: mm

| A   | B   | C  | D   | E   | F   | G  | Duct Size |
|-----|-----|----|-----|-----|-----|----|-----------|
| 214 | 194 | 84 | 164 | 170 | 230 | 13 | Ø100      |

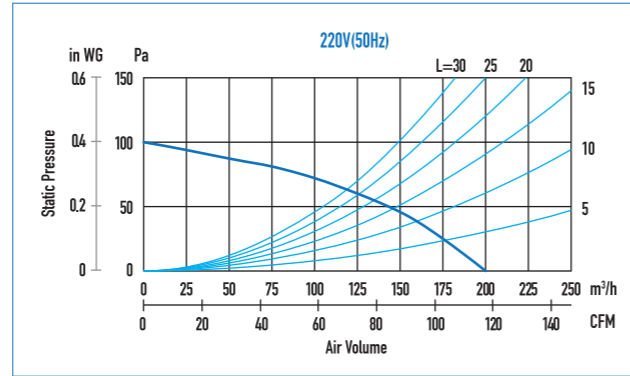


# PERFORMANCE DATA

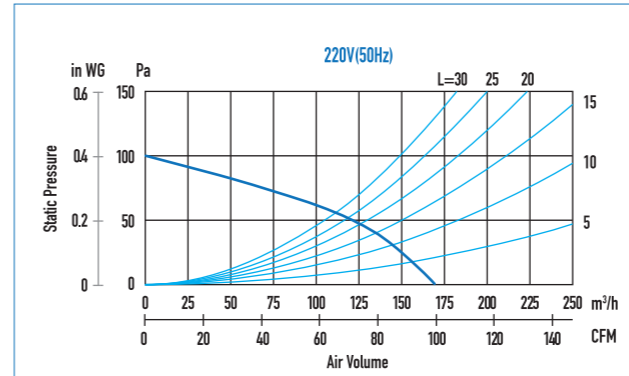
Sensor Series : FV-24CURV2 / FV-24CUR2  
Standard Series : FV-24CU9



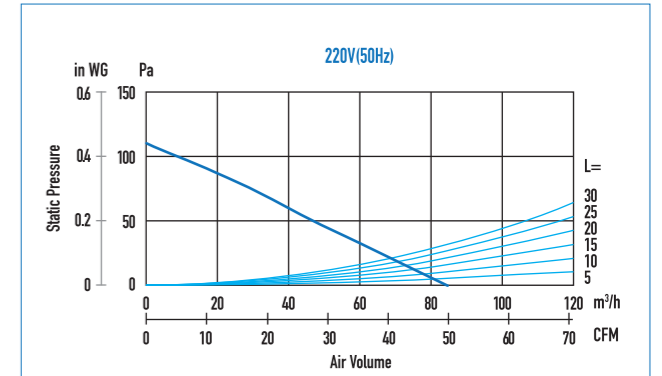
Sensor Series: FV-24HRV2 / FV-24CHR2  
Standard Series: FV-24CH9



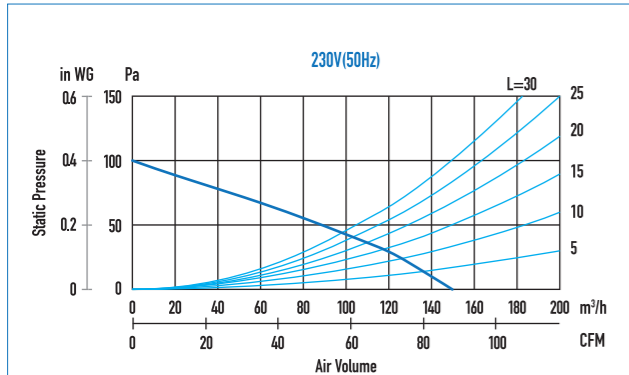
Standard Series : FV-24CD9



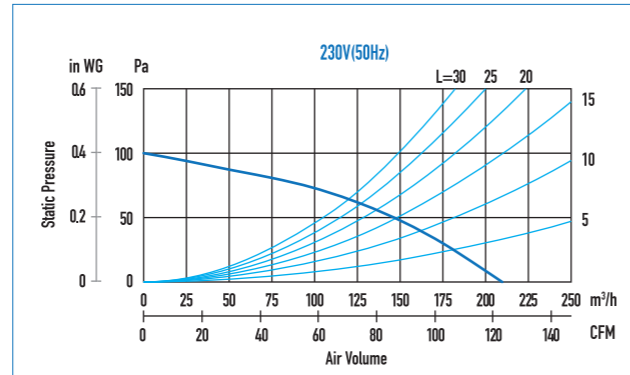
Standard Series : FV-17CU9



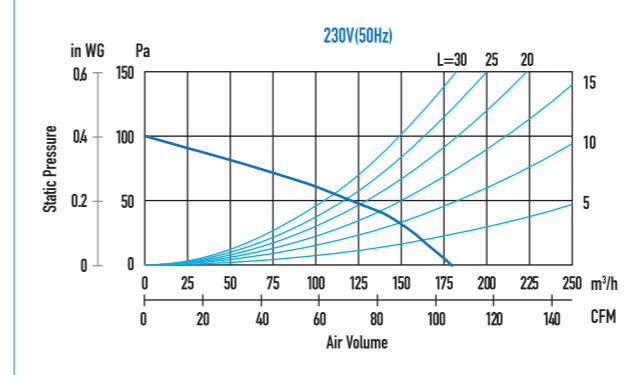
Standard Series : FV-24CU9



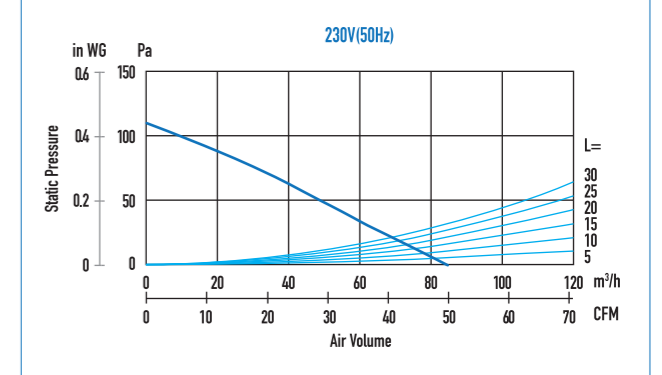
Standard Series: FV-24CH9



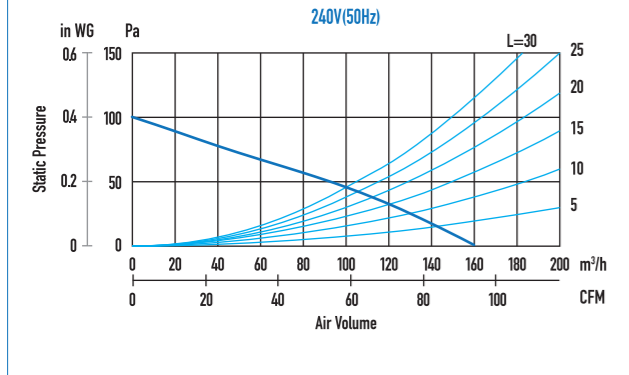
Standard Series : FV-24CD9



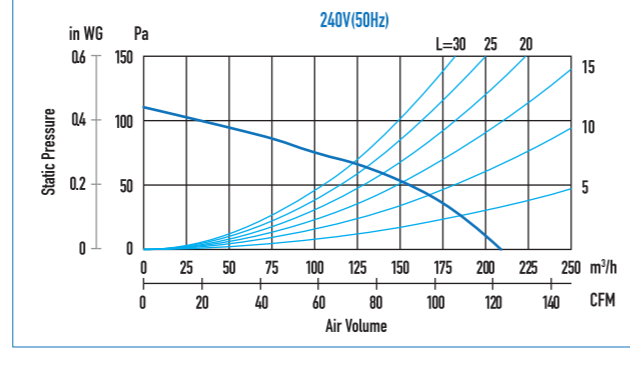
Standard Series : FV-17CU9



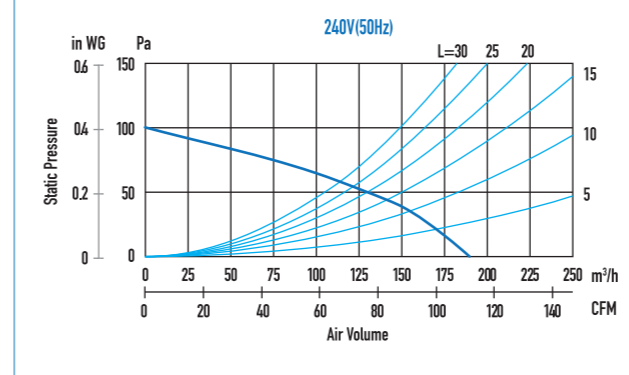
240V(50Hz)



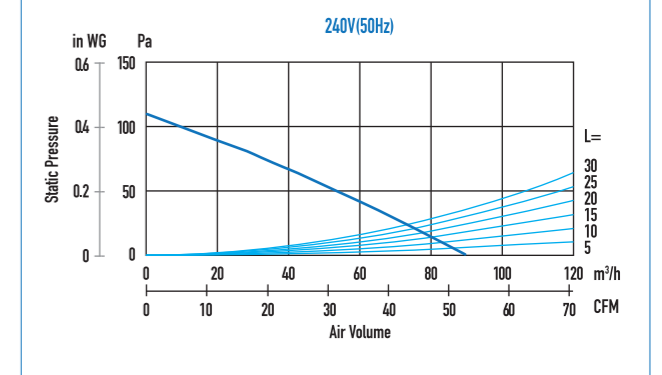
240V(50Hz)



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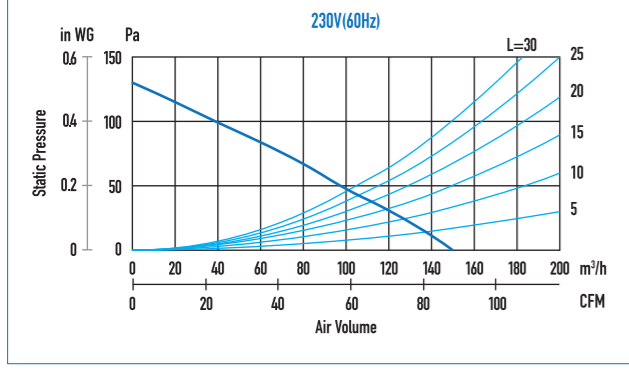


240V(50Hz)

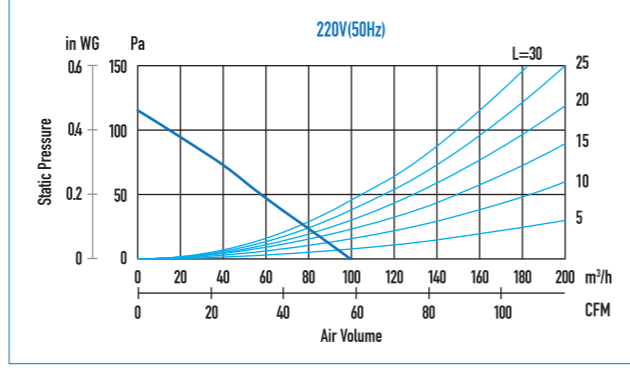


Standard Series: 17CH9

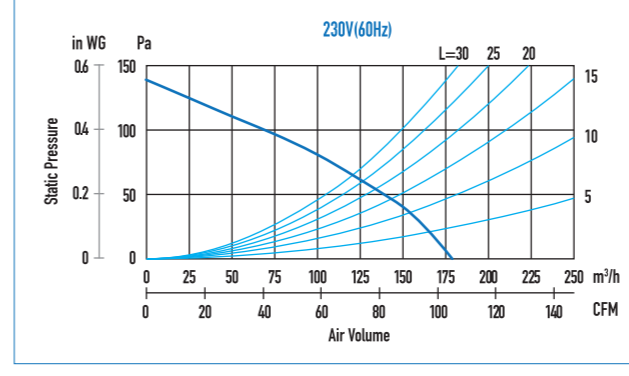
230V(60Hz)



220V(50Hz)



230V(60Hz)



230V(60Hz)

