

# PB270-2 Bath Fan w/ 2x Grill

Item #: 40572

Variants: 120V 1~ 60Hz



## Description

- Powerful, efficient 270 cfm fan
- Remote mount fan ensures quiet operation
- Unobtrusive grille makes for better aesthetics

## Application

Dual grille Premium Bath fans can effectively ventilate two areas of the bath or two different bathrooms. Six 7" ceiling grilles (with or without lights) can be easily positioned directly over showers, whirlpool tubs, steam showers, toilet or vanity. The fan motor is installed away from the living area for super quiet operation. PB fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

## Model

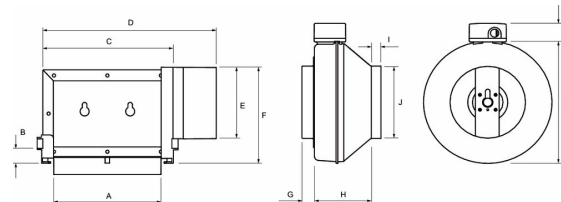
270 cfm fan, two ceiling grilles, grille housings with dampers and Y-adapter (4"x4"x6)...

[Find more details in our online catalogue](#)

## Technical parameters

| Nominal data                     |               |
|----------------------------------|---------------|
| Voltage (nominal)                | 120 V         |
| Frequency                        | 60 Hz         |
| Phase(s)                         | 1~            |
| Input power                      | 70 W          |
| Input current                    | 0.58 A        |
| Impeller speed                   | 2,703 r.p.m.  |
| Air flow                         | max 305.0 cfm |
| Protection/Classification        |               |
| Enclosure class, motor           | IP44          |
| Insulation class                 | B             |
| Dimensions and weights           |               |
| Duct dimension; Circular, inlet  | 6 in.         |
| Duct dimension; Circular, outlet | 6 in.         |
| Weight                           | 16.6 lb       |
| Optional                         |               |
| Duct connection type             | Circular      |

## Dimensions



| M od el | A   | B  | C  | D  | E | F  | G | H  | I | J | K  | L |
|---------|-----|----|----|----|---|----|---|----|---|---|----|---|
| PB      | 5   | 3/ | 7  | 9  | 4 | 5  | 1 | 6  | 7 | 6 | 1  | 2 |
| 27      | 15/ | 4  | 3/ | 3/ | ( | 3/ | ( | 1/ | / | ( | 1  | 1 |
| 0-2     | 16  | (  | 8  | 4  | 1 | 8  | 2 | 4  | 8 | 1 | 3/ | / |
|         | (15 | 1  | (1 | (2 | 0 | (1 | 5 | (1 | ( | 5 | 8  | 2 |
| PB      | 1)  | 9  | 87 | 48 | 1 | 37 | ) | 5  | 2 | 2 | (2 | ( |
| 27      | )   | )  | )  | )  | ) | )  | ) | 9) | 2 | ) | 8  | 6 |
| 0H      |     |    |    |    |   |    |   |    | ) |   | 9) | 4 |
| -2      |     |    |    |    |   |    |   |    |   |   |    | ) |

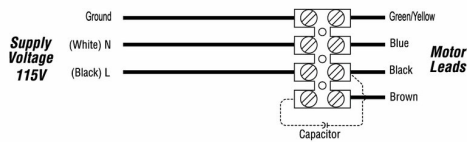
PB  
27  
0L  
7-2

PB  
27  
0L  
10-  
2

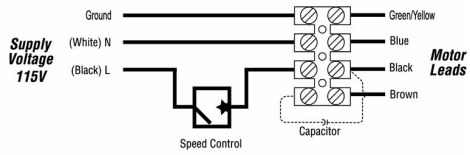
Dimensions in inches (mm)

## Wiring

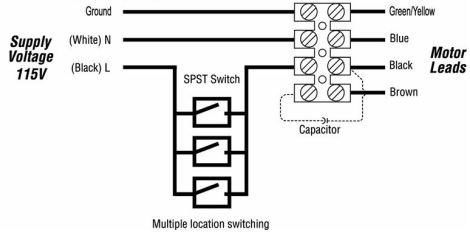
### Without Motor Speed Controller



### With Motor Speed Controller

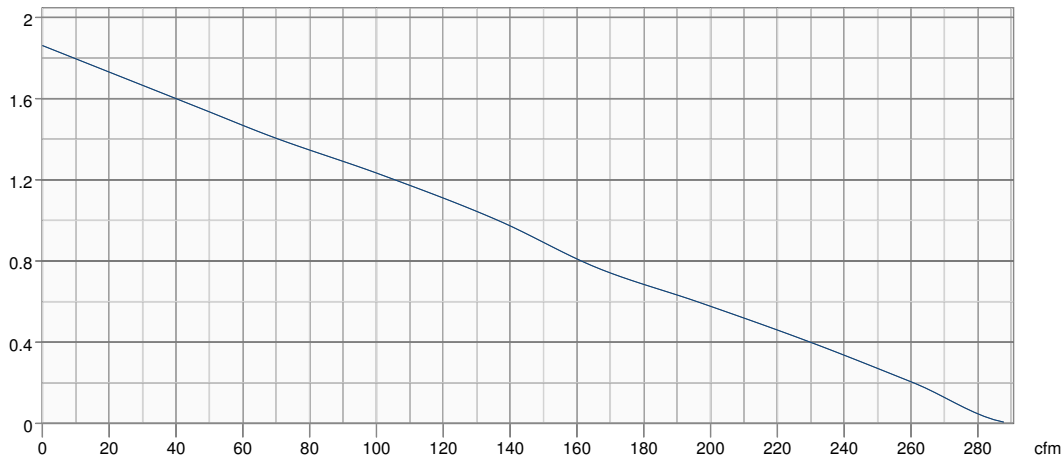


### Multiple Location Switching Wiring Diagram



## Performance curve

in. wg.



### Hydraulic data

|                          |                          |
|--------------------------|--------------------------|
| Required air flow        | -                        |
| Required static pressure | -                        |
| Working air flow         | -                        |
| Working static pressure  | -                        |
| Air density              | 0.075 lb/ft <sup>3</sup> |
| Power                    | -                        |
| Fan control - RPM        | -                        |
| Current                  | -                        |
| SFP                      | -                        |
| Control voltage          | -                        |
| Supply voltage           | -                        |

## Accessories

FD60EM Electronic Timer Switch (411386)  
FIDT 6 Insulated Flex Duct (411064)  
IPHS5 Humidity / Fan Control (156040)

FIDT 4 Insulated Flex Duct (411061)  
HS 6W External Louver Exhaust (45153)

## Documents

E1575 VENTILATION SOLUTIONS BATHROOM.PDF  
484089 PB SERIES OIPM EN FR ES.PDF