**PMB02.00****PMB03.00**

### Description

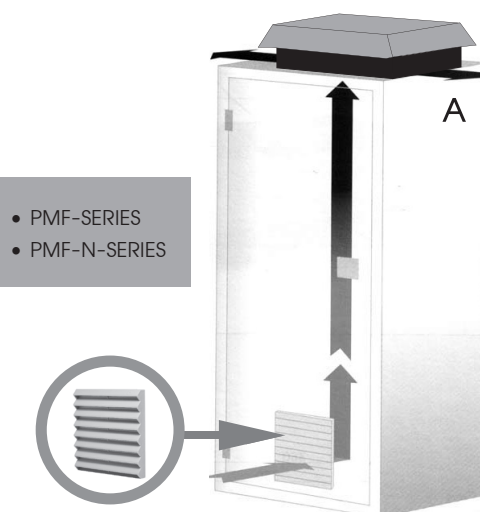
- Exhaust Radial Fans / Roof Fans: PMB-Series is a cooling fan for roof or top cabinet installation such as capacitor bank cabinet or transformer cabinet.
- The fan will pull and discharge hot air out of the cabinet to improve the efficiency of ventilation for cooling.
- Airflow volume up to 1610 m<sup>3</sup>/h to help decrease the temperature inside the cabinet.
- Designed with protection against dust and water drops from the roof of the cabinet.
- IP 44 protection.

### Operation

PMB-Series is a ventilation fan designed for installation on the roof or top of control cabinets, electronic cabinets, or cabinets containing electrical and electronic equipment. The fan operates by pulling and discharging hot air from the cabinet, utilizing the natural convection principle in which hot air rises from the bottom to the top. By enhancing this process, PMB-Series significantly improves the heat ventilation inside the cabinet for better cooling efficiency.

PMF-Series, installed at the lower part of the cabinet, provides so PMB-Series will improve the heat ventilation inside cabinet to be better. an inlet for external air to flow inside, ensuring proper ventilation. It is designed for easy removal and cleaning, as shown in installation example A.

This product is available with optional accessories, including the analog thermostat models CMA-001 and CMA-001-E (with external probe), as well as the digital model CMA-002. These thermostats control the ON/OFF operation to extend service life by activating the fan only when the cabinet temperature rises above the set threshold.

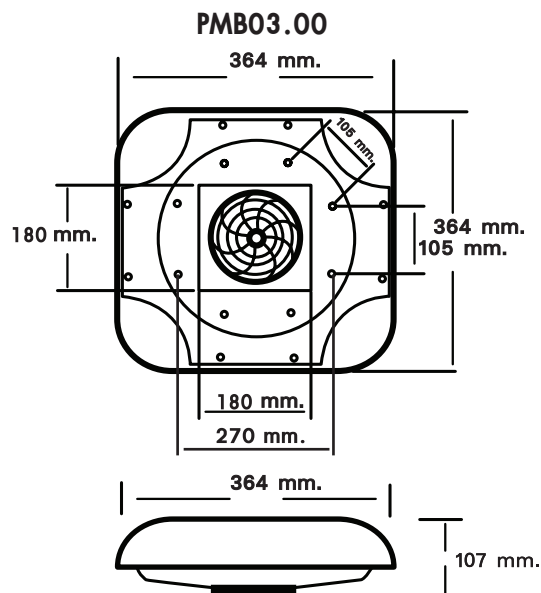
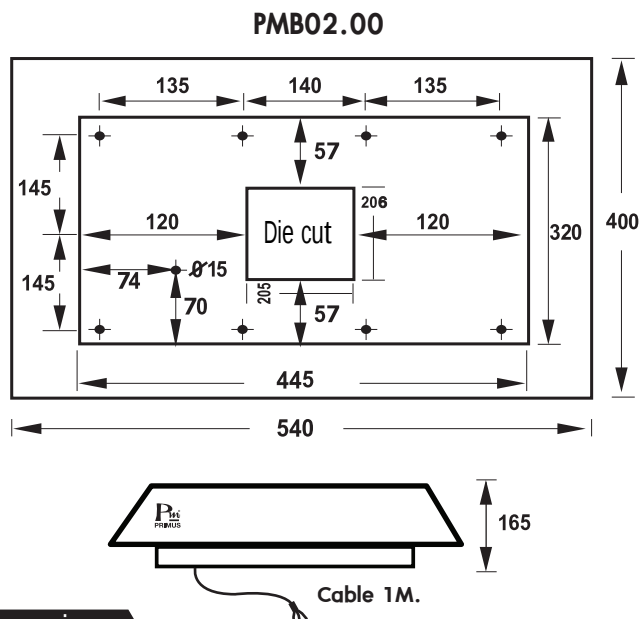


- PMF-SERIES
- PMF-N-SERIES

### Specification

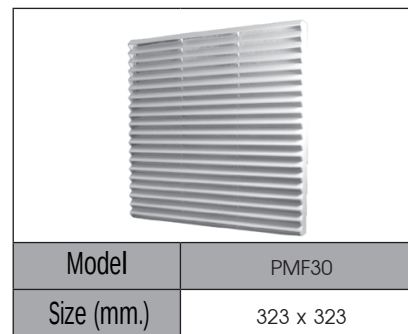
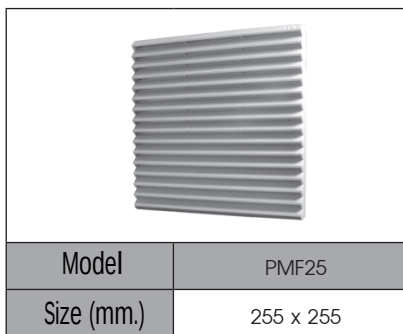
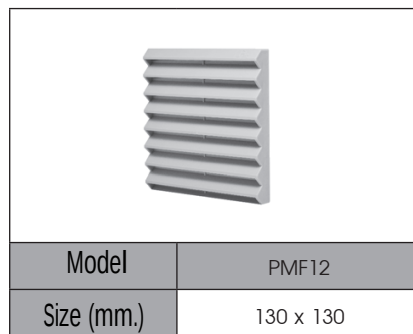
| Model                 | PMB02.00               |                        | PMB03.00              |                       |
|-----------------------|------------------------|------------------------|-----------------------|-----------------------|
| Power Supply          | 230 V ±10% / 50 Hz     | 230 V ±10% / 60 Hz     | 230 V ±10% / 50 Hz    | 230 V ±10% / 60 Hz    |
| Current System        | 0.68 A                 | 1.02 A                 | 0.38 A                | 0.51 A                |
| Power System          | 156 W                  | 230 W                  | 85 W                  | 115 W                 |
| Air Flow              | 1415 m <sup>3</sup> /h | 1610 m <sup>3</sup> /h | 905 m <sup>3</sup> /h | 995 m <sup>3</sup> /h |
| Speed                 | 2775 rpm               | 3160 rpm               | 2550 rpm              | 2805 rpm              |
| Sound Level           | 73 dB (A)              | 77 dB (A)              | 64 dB (A)             | 66 dB (A)             |
| Operation Temperature | 60 °C                  |                        | 70 °C                 |                       |
| Protection Degree     | IP 44                  |                        |                       |                       |
| Installation          | Top Type               |                        |                       |                       |
| Material              | Steel                  |                        | Plastic ABS           |                       |
| Size (mm.)            | 400 x 540 x 165        |                        | 364 x 364 x 107       |                       |
| Weight (kg.)          | 11.5                   |                        | 3.74                  |                       |

## Dimension

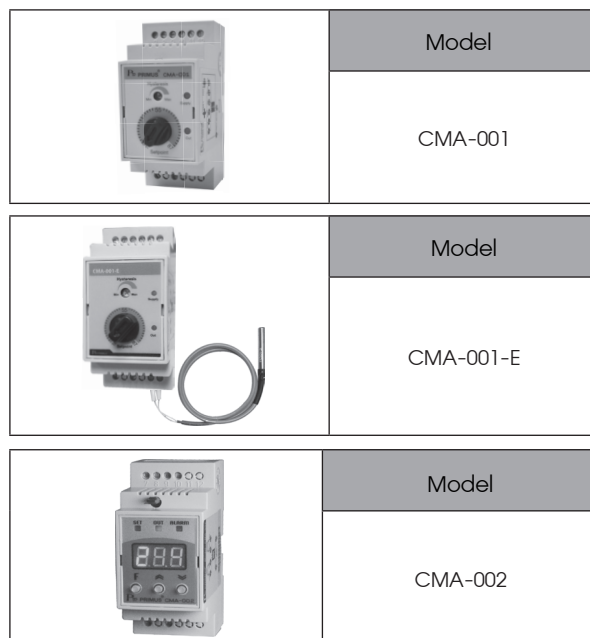


## Accessories

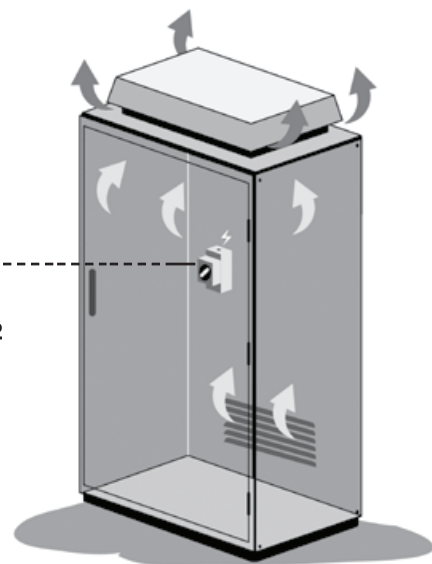
1.) PMF-Series is a protective cover with an integrated filter to allow clean air to enter the cabinet. It is available in 3 sizes for selection.



2.) CMA-001 / CMA-001-E / CMA-002 Series Thermostat is designed to control ON-OFF operation. It is available in three types: Analog CMA-001, Analog CMA-001-E (with external probe), and Digital CMA-002.



**CMA-001/CMA-002  
Installation**



**Ordering Code**

## • Fan

|                 |                                     |
|-----------------|-------------------------------------|
| Air Flow & Size |                                     |
| PMB -           | <input type="text"/>                |
| Air Flow & Size |                                     |
| 02.00           | 1415 m3/h (size 400 x 540 x 165mm.) |
| 03.00           | 982 m3/h (size 364 x 364 x 107mm.)  |

## • Filter

|       |                                                                     |
|-------|---------------------------------------------------------------------|
| Size  |                                                                     |
| PMF - | <input type="text"/>                                                |
| Size  |                                                                     |
| 12    | 130 x 130 mm. use with PMV 12.001                                   |
| 25    | 255 x 255 mm. use with PMV 25.01/PMV25C.01                          |
| 30    | 323 x 323 mm. use with PMV 30.00A/PMV30.00P<br>PMV 30.0SA/PMV30.0SP |