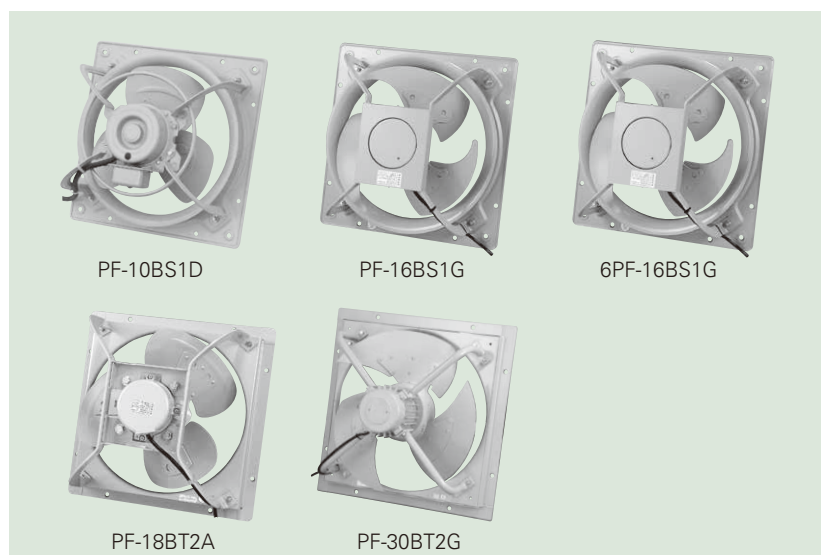




\* Please note that the photo shows typical examples and that they may partly differ from actual items.

## Applications

For ventilation, air intake into and air exhaust from factories and warehouses and incorporating into equipment

## Specification table

| Airflow direction | Model           | Impeller diameter (cm) | Number of poles (P) | Power supply (V) | Nominal output (W) | Air volume (m³/h) |       | Power consumption (W) |      | Allowable current (A) |      | Starting current (A) |      | Noise (dB(A)) |      | Approx. mass (kg) |    |
|-------------------|-----------------|------------------------|---------------------|------------------|--------------------|-------------------|-------|-----------------------|------|-----------------------|------|----------------------|------|---------------|------|-------------------|----|
|                   |                 |                        |                     |                  |                    | 50Hz              | 60Hz  | 50Hz                  | 60Hz | 50Hz                  | 60Hz | 50Hz                 | 60Hz | 50Hz          | 60Hz |                   |    |
| Exhaust type      | PF-8BS1D        | 20                     |                     | Single-phase100  | 15                 | 552               | 654   | 40                    | 40   | 0.6                   | 0.5  | 1.4                  | 1.4  | 38            | 41   | 3.3               |    |
|                   | Single-phase200 |                        |                     | 0.3              |                    |                   |       |                       |      | 0.25                  | 0.7  | 0.7                  |      |               |      |                   |    |
|                   | PF-8BS2D        | 25                     |                     | Single-phase100  | 20                 | 1020              | 1200  | 46                    | 49   | 0.7                   | 0.8  | 1.4                  | 1.4  | 41            | 44   | 3.5               |    |
|                   | Single-phase200 |                        |                     | 0.35             |                    |                   |       |                       |      | 0.4                   | 0.7  | 0.7                  |      |               |      |                   |    |
|                   | PF-12BS1N       | 30                     | 4                   | Single-phase100  | 50                 | 1873              | 2140  | 61                    | 90   | 0.9                   | 1.2  | 1.9                  | 1.7  | 39.1          | 42.8 | 5.4               |    |
|                   | Single-phase200 |                        |                     | 61               |                    |                   |       | 90                    | 0.5  | 0.6                   | 0.8  | 0.7                  |      |               |      |                   |    |
|                   | Three-phase200  |                        |                     | 70               |                    |                   |       | 98                    | 0.4  | 0.6                   | 1.0  | 0.9                  |      |               |      |                   |    |
|                   | PF-12BT2N       | 35                     | 4                   | Single-phase100  | 100                | 2831              | 3231  | 145                   | 182  | 2.3                   | 2.6  | 5.0                  | 4.7  | 43.2          | 46.0 | 9.2               |    |
|                   | Single-phase200 |                        |                     | 156              |                    |                   |       | 192                   | 1.2  | 1.4                   | 2.8  | 2.7                  |      |               |      |                   |    |
|                   | Three-phase200  |                        |                     | 138              |                    |                   |       | 173                   | 1.0  | 1.0                   | 2.9  | 2.7                  |      |               |      |                   |    |
|                   | PF-14BS1N       | 40                     | 4                   | Single-phase100  | 200                | 4080              | 4680  | 188                   | 240  | 3.5                   | 3.45 | 8.3                  | 7.9  | 46            | 50   | 11                |    |
|                   | Single-phase200 |                        |                     | 200              |                    |                   |       | 250                   | 1.8  | 1.8                   | 4.3  | 4.2                  |      |               |      |                   |    |
|                   | Three-phase200  |                        |                     | 4022             |                    |                   |       | 4543                  | 1.2  | 1.2                   | 4.1  | 3.9                  |      |               |      |                   |    |
|                   | PF-16BS1G       | 40                     | 4                   | Single-phase100  | 400                | 4990              | 5790  | 300                   | 420  | 2.3                   | 2.5  | 8.3                  | 6.3  | 57            | 61   | 12.3              |    |
|                   | Single-phase200 |                        |                     | 300              |                    |                   |       | 420                   | 2.3  | 2.5                   | 8.3  | 6.3                  |      |               |      |                   |    |
|                   | Three-phase200  |                        |                     | 300              |                    |                   |       | 420                   | 2.3  | 2.5                   | 8.3  | 6.3                  |      |               |      |                   |    |
|                   | PF-16BS2G       | 40                     | 4                   | Single-phase100  | 100                | 2880              | 3340  | 86                    | 101  | 1.4                   | 1.6  | 2.8                  | 2.6  | 40            | 44   | 10.8              |    |
|                   | Single-phase200 |                        |                     | 98               |                    |                   |       | 116                   | 0.72 | 0.84                  | 1.6  | 1.6                  |      |               |      |                   |    |
|                   | Three-phase200  |                        |                     | 114              |                    |                   |       | 118                   | 0.9  | 0.9                   | 2.2  | 2.1                  |      |               |      |                   |    |
|                   | 6PF-16BS1G      | 45                     | 6                   | Single-phase100  | 250                | 5010              | 5838  | 230                   | 340  | 5.5                   | 7.5  | 11                   | 11   | 54            | 58   | 23.5              |    |
|                   | Single-phase200 |                        |                     | 230              |                    |                   |       | 340                   | 2.7  | 3.7                   | 6.5  | 5.9                  | 23   |               |      |                   |    |
|                   | Three-phase200  |                        |                     | 210              |                    |                   |       | 310                   | 2.3  | 3.0                   | 6.5  | 5.7                  |      |               |      |                   |    |
|                   | PF-18BS2A       | 50                     | 6                   | Single-phase100  | 400                | 6200              | 7020  | 300                   | 450  | 7.0                   | 7.2  | 11                   | 11   | 49            | 53   | 25                |    |
|                   | Single-phase200 |                        |                     | 300              |                    |                   |       | 450                   | 3.5  | 3.6                   | 6.5  | 5.9                  | 24.6 |               |      |                   |    |
|                   | Three-phase200  |                        |                     | 270              |                    |                   |       | 410                   | 2.6  | 2.8                   | 6.5  | 5.7                  |      |               |      |                   |    |
|                   | PF-20BS1G       | 60                     | 8                   | Three-phase200   | 400                | 750               | 9420  | 11160                 | 460  | 690                   | 4.2  | 4.2                  | 12   | 10            | 51   | 55.5              | 33 |
|                   | PF-20BS2G       |                        |                     | 400              |                    | 7060              | 8360  | 250                   | 330  | 3.0                   | 3.0  | 5.8                  | 4.6  | 45            | 49.5 | 33                |    |
|                   | PF-20BT2G       |                        |                     | 1500             |                    | 19500             | 19500 | 1500                  | 1640 | 7.7                   | 6.7  | 33                   | 29   | 62            | 64   | 77.5              |    |
| PF-24BT2G         | 75              | 6                      | Three-phase200      | 1500             | 19500              | 19500             | 1500  | 1640                  | 7.7  | 6.7                   | 33   | 29                   | 62   | 64            | 77.5 |                   |    |
| 8PF-24BT2G        |                 |                        | 2200                |                  | 27000              | 27000             | 2050  | 2250                  | 11.0 | 11.0                  | 38   | 34                   | 69   | 73            | 86   |                   |    |
| PF-30BT2G         | 90              | 8                      | Three-phase200      | 1500             | 22800              | 22800             | 850   | 1200                  | 6.7  | 6.2                   | 25   | 23                   | 71   | 74            | 76   |                   |    |
| PF-36BT2G         |                 |                        | 2200                |                  | 36000              | 36000             | 2050  | 2600                  | 14   | 15.0                  | 42   | 35                   | 67   | 71            | 118  |                   |    |
| PF-42BT2G         | 105             | 8                      | Three-phase200      | 2200             | 36000              | 36000             | 2050  | 2600                  | 14   | 15.0                  | 42   | 35                   | 67   | 71            | 118  |                   |    |
| PF-48B            | 120             | 10                     | Three-phase200      | 3700             | 42000              | 42000             | 3200  | 3200                  | 20   | 17                    | 74   | 63                   | 75   | 76            | 153  |                   |    |

- The power consumption, air volume and noise figures mentioned above represent the values in the state of operation under free air conditions.
- The air volume has been measured using the JIS C 9603-compliant orifice chamber method, except for models where an impeller diameter ranges from 90cm to 120cm, for which the JIS B 8330-compliant suction pipe method was employed.
- The noise figure represents the average of the values measured at three points that are 1.5 meters distant from one another. The value in actual operation varies depending on the installation method, the duct form, and so on.
- The allowable current figure represents the critical point of operation. Use it for reference at the time of selecting a motor breaker.
- Make sure that the product is used in a place where no corrosive or explosive gas or no steam is generated.
- Environment conditions (temperature and humidity) where the fan is installed are as follows. Observe these conditions when using the product.

### Single-phase power supply models

Impeller diameter 35cm or less: Temperature from -30 to +50 °C, humidity 90% or less, elevation 1,000m or less

Impeller diameter 40cm with four poles: Temperature from -20 to +50 °C, humidity 90% or less, elevation 1,000m or less

Impeller diameter 40cm or more with six poles: Temperature from -10 to +50 °C, humidity 85% or less, elevation 1,000m or less

### Three-phase power supply models

Temperature from -30 to +50 °C, humidity 85% or less\*, elevation 1,000m or less

\* For models with the impeller diameter 40cm or less and with four poles, the humidity must be 90% or less.

## Specification table

| Airflow direction | Model      | Impeller diameter (cm) | Number of poles (P) | Power supply (V) | Nominal output (W) | Air volume (m³/h) |       | Power consumption (W) |      | Allowable current (A) |      | Starting current (A) |      | Noise (dB(A)) |      | Approx. mass (kg) |     |
|-------------------|------------|------------------------|---------------------|------------------|--------------------|-------------------|-------|-----------------------|------|-----------------------|------|----------------------|------|---------------|------|-------------------|-----|
|                   |            |                        |                     |                  |                    | 50Hz              | 60Hz  | 50Hz                  | 60Hz | 50Hz                  | 60Hz | 50Hz                 | 60Hz | 50Hz          | 60Hz |                   |     |
| Intake type       | PF-8AS1D   | 20                     | 4                   | Single-phase100  | 15                 | 546               | 642   | 40                    | 40   | 0.6                   | 0.5  | 1.4                  | 1.4  | 38            | 42   | 3.3               |     |
|                   | PF-8AS2D   |                        |                     | Single-phase200  |                    |                   |       |                       |      | 0.3                   | 0.25 | 0.7                  | 0.7  |               |      |                   |     |
|                   | PF-10AS1D  | 25                     |                     | Single-phase100  | 20                 | 1014              | 1176  | 46                    | 49   | 0.7                   | 0.8  | 1.4                  | 1.4  | 42            | 46   | 3.5               |     |
|                   | PF-10AS2D  |                        |                     | Single-phase200  |                    |                   |       |                       |      | 0.35                  | 0.4  | 0.7                  | 0.7  |               |      |                   |     |
|                   | PF-12AS1N  | 30                     |                     | Single-phase100  | 50                 | 1654              | 1873  | 67                    | 96   | 1.1                   | 1.4  | 1.9                  | 1.7  | 45.6          | 49.7 | 5.4               |     |
|                   | PF-12AS2N  |                        |                     | Single-phase200  |                    |                   |       | 67                    | 96   | 0.6                   | 0.6  | 0.8                  | 0.7  |               |      |                   |     |
|                   | PF-12AT2N  | 35                     |                     | Three-phase200   | 100                | 1678              | 1902  | 71                    | 102  | 0.5                   | 0.5  | 1.0                  | 0.9  | 48.7          | 52.3 | 9.2               |     |
|                   | PF-14AS1N  |                        |                     | Single-phase100  |                    |                   |       | 150                   | 193  | 2.4                   | 2.9  | 5.0                  | 4.7  |               |      |                   |     |
|                   | PF-14AS2N  | Single-phase200        |                     | 156              | 201                | 1.3               | 1.5   | 2.8                   | 2.7  | 55                    | 59   | 10.5                 |      |               |      |                   |     |
|                   | PF-14AT2N  | Three-phase200         |                     | 139              | 184                | 1.1               | 1.1   | 2.9                   | 2.7  |                       |      |                      |      |               |      |                   |     |
|                   | PF-16AS1D  | 40                     |                     | Single-phase100  | 200                | 3528              | 4008  | 210                   | 270  | 3.15                  | 3.4  | 8.3                  | 7.9  | 55            | 59   | 10.5              |     |
|                   | PF-16AS2D  |                        |                     | Single-phase200  |                    |                   |       | 204                   | 260  | 1.7                   | 1.7  | 4.3                  | 4.2  |               |      |                   |     |
|                   | PF-16AT2D  | 40                     |                     | Three-phase200   | 400                | 3600              | 4140  | 184                   | 263  | 1.14                  | 1.14 | 4.1                  | 3.9  | 57            | 61   | 12.3              |     |
|                   | PF-16AT2F  |                        |                     | Three-phase200   |                    |                   |       | 4745                  | 5568 | 305                   | 460  | 2.3                  | 2.5  |               |      |                   | 8.3 |
|                   | 6PF-16AS1D | 60                     |                     | Single-phase100  | 100                | 2442              | 2832  | 90                    | 107  | 1.5                   | 1.6  | 2.8                  | 2.6  | 45            | 49   | 10.5              |     |
|                   | 6PF-16AS2D |                        |                     | Single-phase200  |                    |                   |       | 102                   | 120  | 0.75                  | 0.75 | 1.6                  | 1.6  |               |      |                   |     |
|                   | 6PF-16AT2D | Three-phase200         |                     | 2466             | 3048               | 114               | 123   | 0.86                  | 0.86 | 2.2                   | 2.1  | 56                   | 60   | 23.5          |      |                   |     |
|                   | PF-18AS1A  | 45                     |                     | Single-phase100  | 250                | 3906              | 4530  | 250                   | 370  | 5.8                   | 6.7  |                      |      |               | 11   | 11                |     |
|                   | PF-18AS2A  |                        |                     | Single-phase200  |                    |                   |       | 250                   | 370  | 2.9                   | 3.4  |                      |      |               | 6.5  | 5.9               |     |
|                   | PF-18AT2A  | 50                     |                     | Three-phase200   | 400                | 3920              | 4600  | 230                   | 340  | 2.3                   | 3.0  | 6.5                  | 5.7  | 58            | 61   | 24.5              |     |
|                   | PF-20AS1A  |                        |                     | Single-phase100  |                    |                   |       | 270                   | 400  | 6.5                   | 6.8  | 11                   | 11   |               |      |                   |     |
|                   | PF-20AS2A  | Single-phase200        |                     | 270              | 400                | 3.2               | 3.4   | 6.5                   | 5.9  | 58                    | 61   | 24.3                 |      |               |      |                   |     |
|                   | PF-20AT2A  | Three-phase200         |                     | 5220             | 6000               | 250               | 340   | 2.7                   | 3.0  |                       |      |                      | 6.5  | 5.7           |      |                   |     |
|                   | PF-24AT2G  | 60                     |                     | 8                | Three-phase200     | 750               | 6360  | 7380                  | 490  | 710                   | 4.1  | 4.1                  | 12   | 10            | 55.5 | 59                | 33  |
|                   | 8PF-24AT2G |                        |                     |                  |                    | 400               | 5420  | 6280                  | 270  | 360                   | 3.0  | 2.8                  | 5.8  | 4.6           | 48.5 | 52                | 33  |
|                   | PF-30AT2G  | 75                     |                     | 6                |                    | 1500              | 15000 | 15000                 | 1380 | 1600                  | 7.4  | 7.8                  | 33   | 29            | 68   | 69                | 81  |
|                   | 8PF-36AT2  | 90                     |                     | 8                |                    | 1500              | 22800 | 22800                 | 1040 | 1040                  | 6.4  | 6.1                  | 25   | 23            | 71   | 74                | 76  |
|                   | PF-42AT2   | 105                    |                     |                  |                    | 2200              | 34200 | 34200                 | 2500 | 2260                  | 11.4 | 10.3                 | 42   | 35            | 74   | 76                | 103 |
|                   | PF-48A     | 120                    |                     | 10               |                    | 3700              | 42000 | 42000                 | 3200 | 3200                  | 20   | 17                   | 74   | 63            | 75   | 76                | 153 |

- The power consumption, air volume and noise figures mentioned above represent the values in the state of operation under free air conditions.
- The air volume has been measured using the JIS C 9603-compliant orifice chamber method, except for models where an impeller diameter ranges from 90cm to 120cm, for which the JIS B 8330-compliant suction pipe method was employed.
- The noise figure represents the average of the values measured at three points that are 1.5 meters distant from one another. The value in actual operation varies depending on the installation method, the duct form, and so on.
- The allowable current figure represents the critical point of operation. Use it for reference at the time of selecting a motor breaker.
- Make sure that the product is used in a place where no corrosive or explosive gas or no steam is generated.
- Environment conditions (temperature and humidity) where the fan is installed are as follows. Observe these conditions when using the product.

### Single-phase power supply models

- Impeller diameter 35cm or less: Temperature from -30 to +50 °C, humidity 90% or less, elevation 1,000m or less
- Impeller diameter 40cm with four poles: Temperature from -20 to +50 °C, humidity 90% or less, elevation 1,000m or less
- Impeller diameter 40cm or more with six poles: Temperature from -10 to +50 °C, humidity 85% or less, elevation 1,000m or less

### Three-phase power supply models

- Temperature from -30 to +50 °C, humidity 85% or less\*, elevation 1,000m or less

\* For models with the impeller diameter 40cm or less and with four poles, the humidity must be 90% or less.

## Special Specifications

| Impeller diameter (cm) | Airflow direction | Special order features         |                        |                          |                          |                                         |                 |               |
|------------------------|-------------------|--------------------------------|------------------------|--------------------------|--------------------------|-----------------------------------------|-----------------|---------------|
|                        |                   | Different voltage 210V or 215V | Different voltage 400V | Heat resistance of 60 °C | Heat resistance of 80 °C | Acid-resistant (salt-resistant) coating | Specified color | MFP treatment |
| 20                     | Exhaust           | ×                              | ×                      | ×                        | ×                        | ○                                       | ○               | ×             |
|                        | Intake            | ×                              | ×                      | ×                        | ×                        | ○                                       | ○               | ×             |
| 25                     | Exhaust           | ×                              | ×                      | ×                        | ×                        | ○                                       | ○               | ×             |
|                        | Intake            | ×                              | ×                      | ×                        | ×                        | ○                                       | ○               | ×             |
| 30                     | Exhaust           | ×                              | *1                     | ×                        | ×                        | ○                                       | ○               | ×             |
|                        | Intake            | ×                              | *1                     | ×                        | ×                        | ○                                       | ○               | ×             |
| 35                     | Exhaust           | ×                              | *1                     | *2                       | *2                       | ○                                       | ○               | ×             |
|                        | Intake            | ×                              | *1                     | *2                       | *2                       | ○                                       | ○               | ×             |
| 40                     | Exhaust           | ○                              | *1                     | *2                       | *2                       | ○                                       | ○               | *3            |
|                        | Intake            | ○                              | *1                     | *2                       | *2                       | ○                                       | ○               | *3            |
| 45                     | Exhaust           | ○                              | *1                     | ○                        | ○                        | ○                                       | ○               | ○             |
|                        | Intake            | ○                              | *1                     | ○                        | ○                        | ○                                       | ○               | ○             |
| 50                     | Exhaust           | ○                              | *1                     | ○                        | ○                        | ○                                       | ○               | ○             |
|                        | Intake            | ○                              | *1                     | ○                        | ○                        | ○                                       | ○               | ○             |
| 60                     | Exhaust           | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
|                        | Intake            | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
| 75                     | Exhaust           | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
|                        | Intake            | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
| 90                     | Exhaust           | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
|                        | Intake            | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
| 105                    | Exhaust           | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
|                        | Intake            | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
| 120                    | Exhaust           | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |
|                        | Intake            | ○                              | ○                      | ○                        | ○                        | ○                                       | ○               | ○             |

\*1: 400V class available for three-phase power supply models only

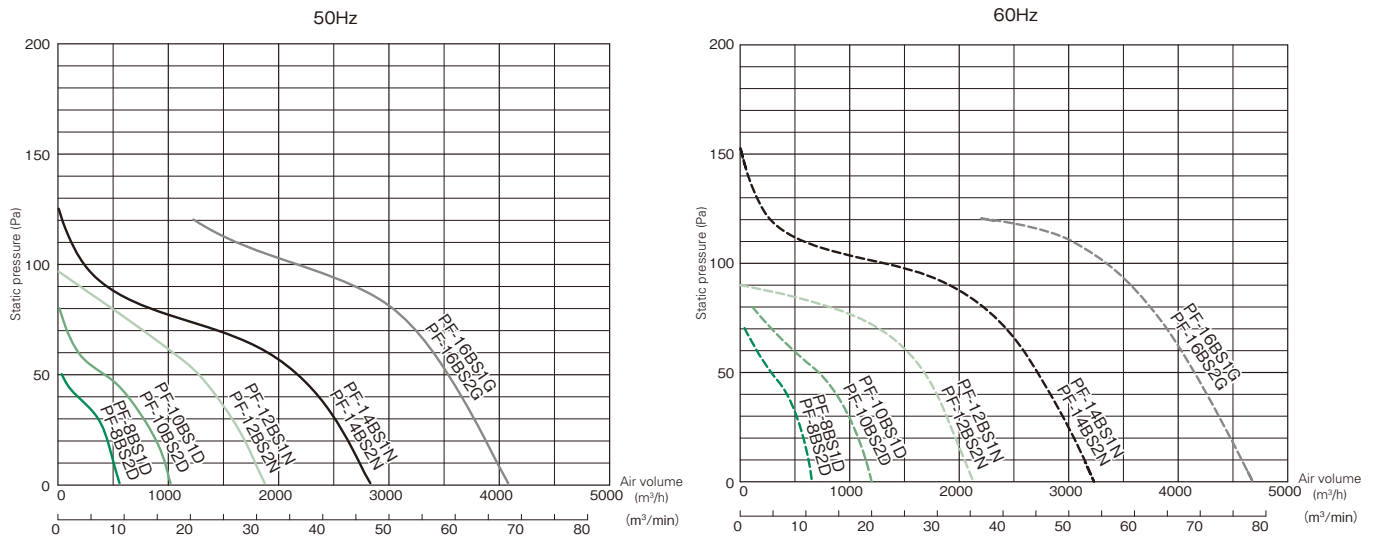
\*2: Heat resistance feature available for three-phase power supply models only

\*3: MFP treatment available for three-phase power supply models only

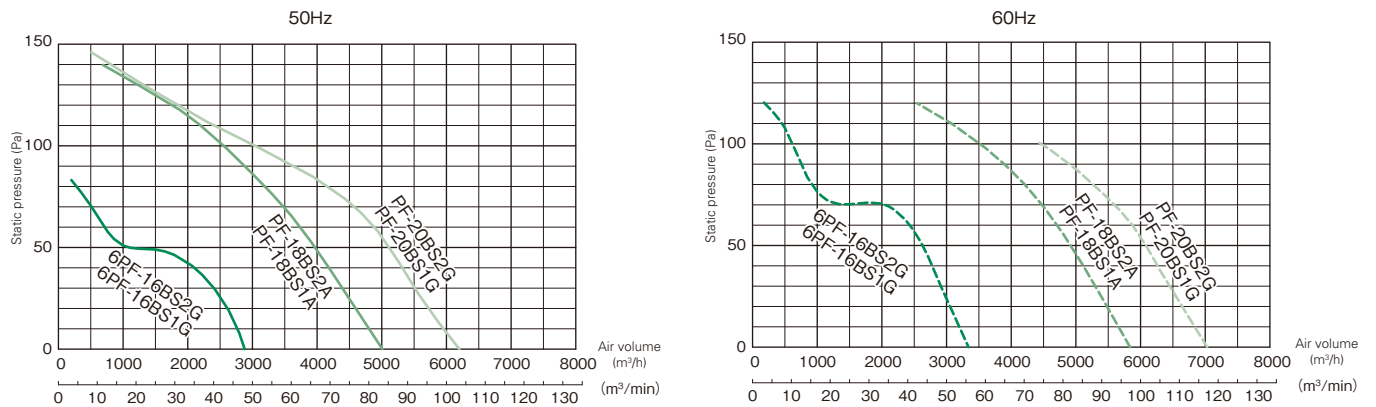
## Selection chart

[Exhaust type]

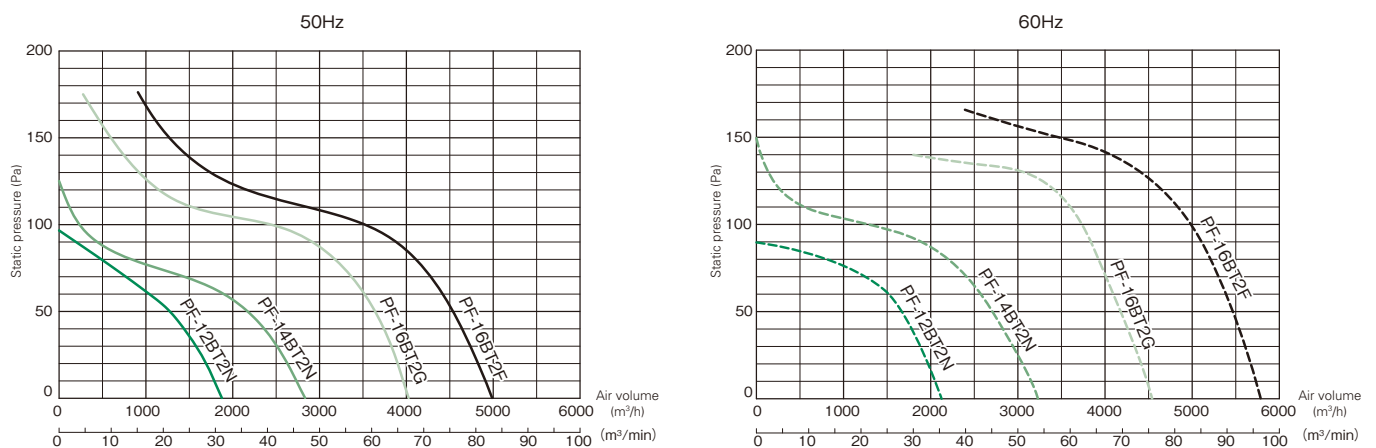
Single-phase, impeller diameter from 20 to 40cm, four poles



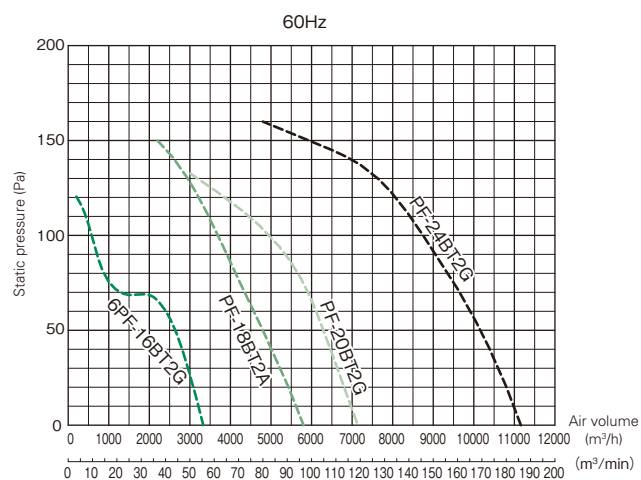
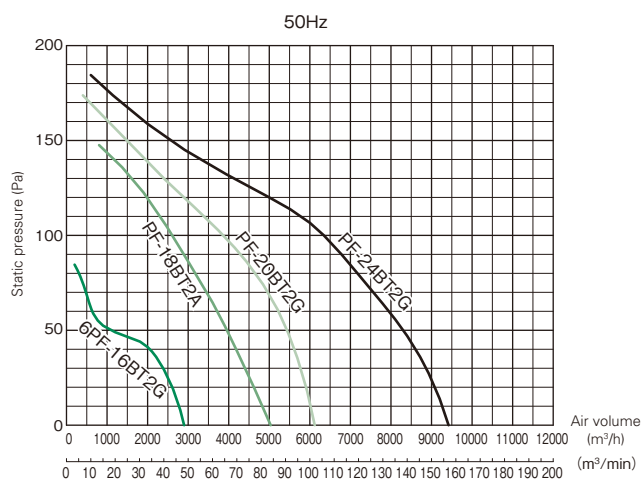
Single-phase, impeller diameter from 40 to 50cm, six poles



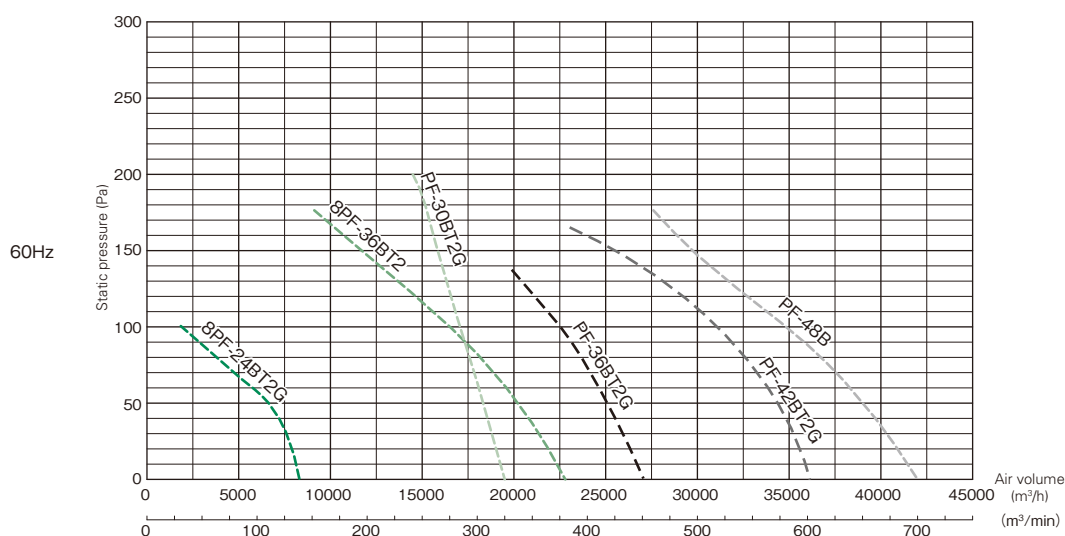
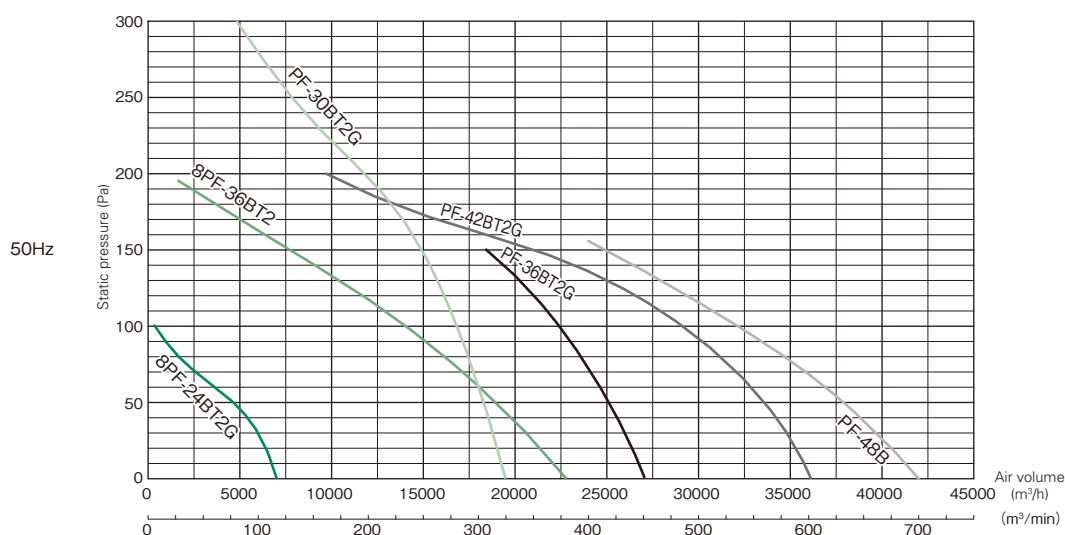
Three-phase, impeller diameter from 30 to 40cm, four poles



## Three-phase, impeller diameter from 40 to 60cm, six poles



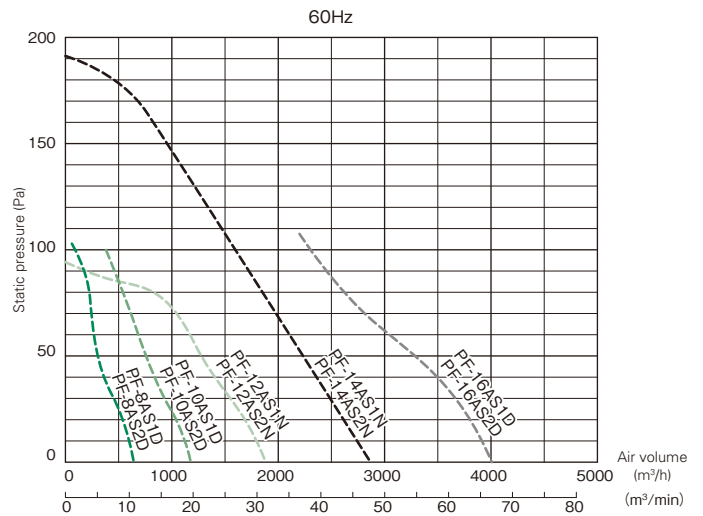
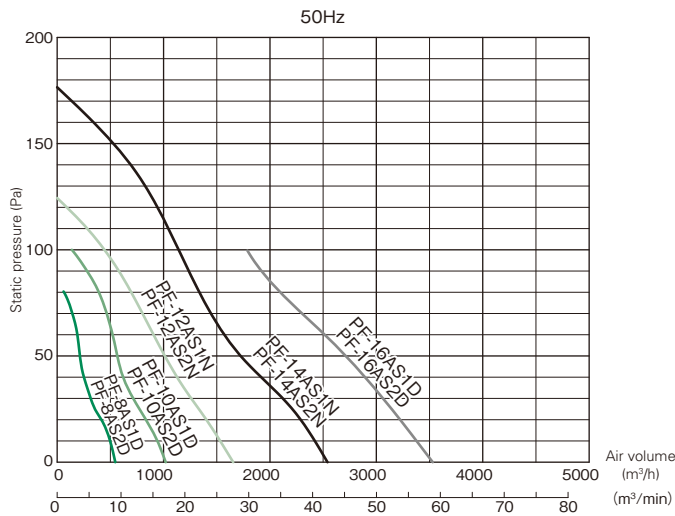
## Three-phase, impeller diameter 60cm, eight poles; impeller diameter from 75 to 120cm



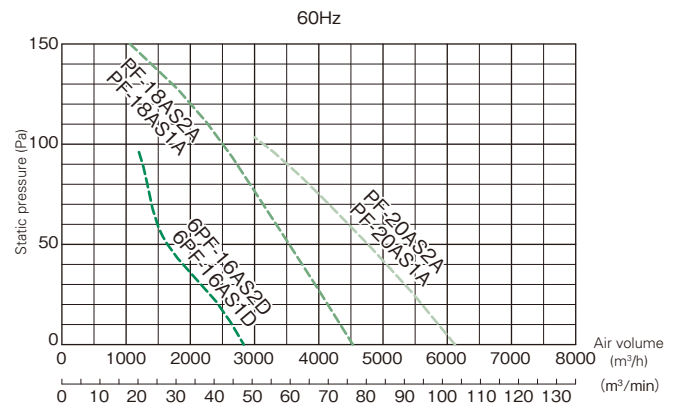
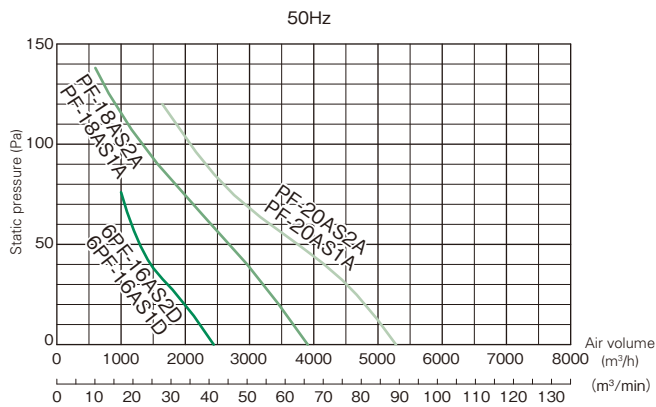
# Selection chart

[Intake type]

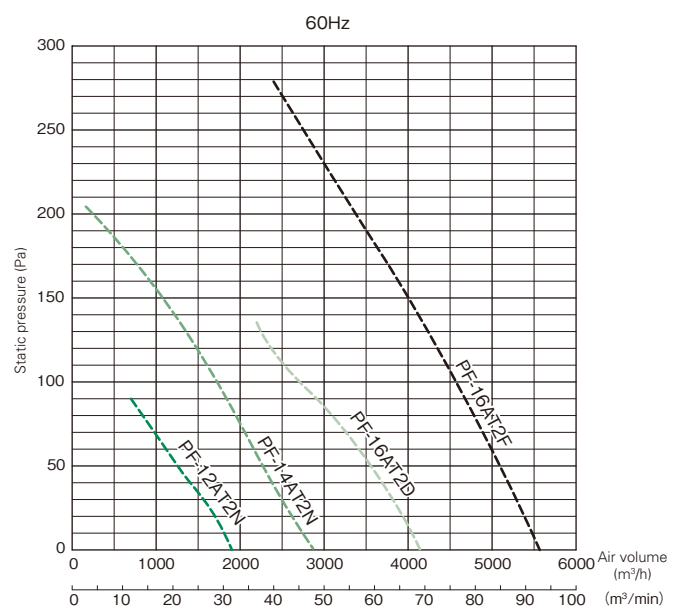
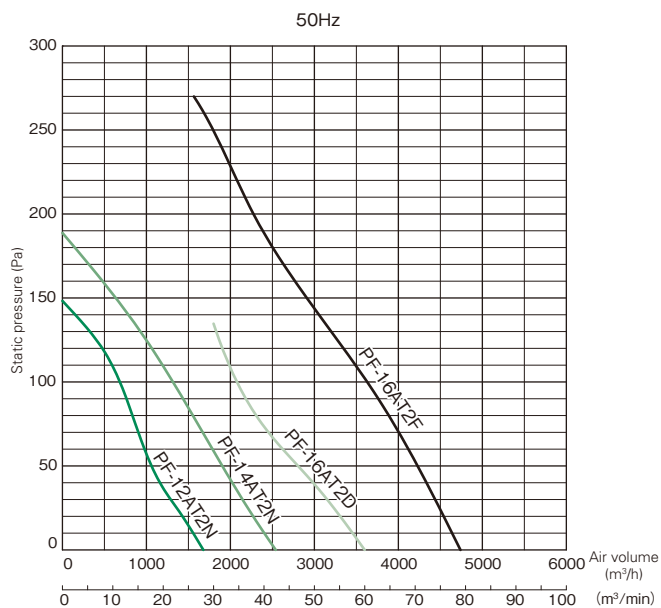
Single-phase, impeller diameter from 20 to 40cm, four poles



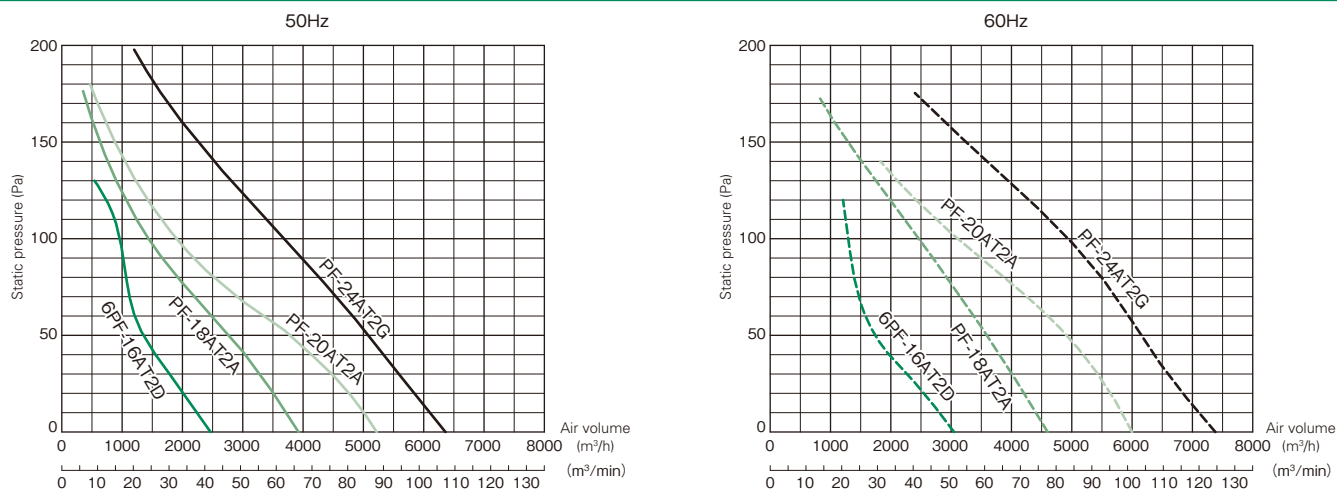
Single-phase, impeller diameter from 40 to 50cm, six poles



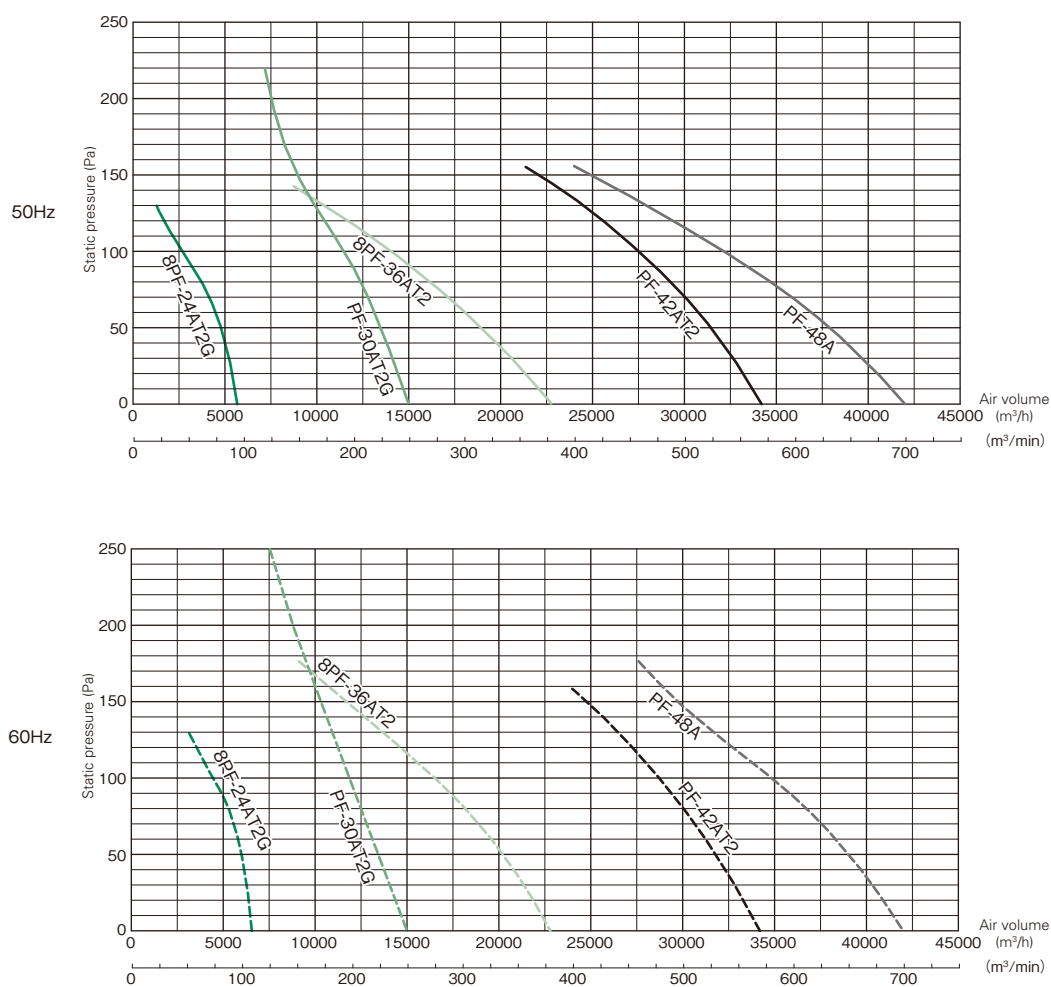
Three-phase, impeller diameter from 30 to 40cm, four poles



Three-phase, impeller diameter from 40 to 60cm, six poles



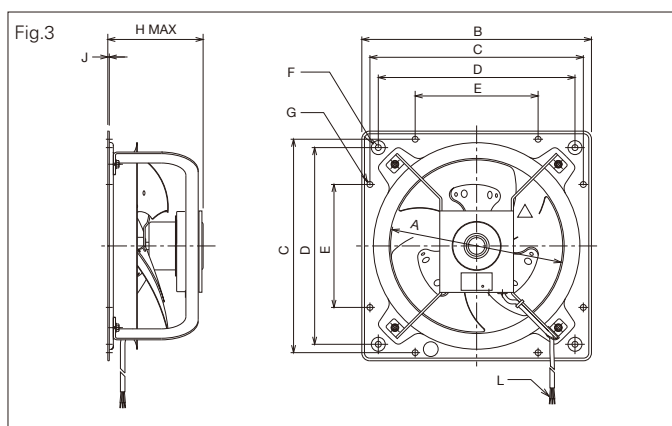
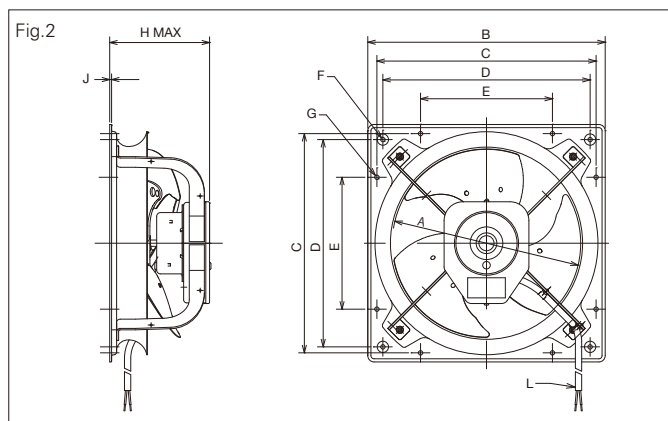
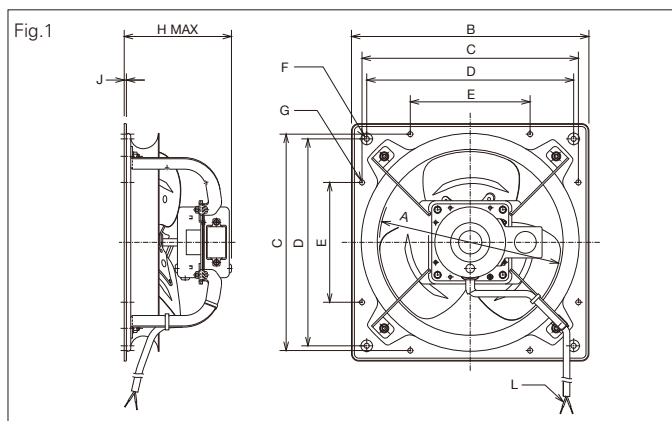
Three-phase, impeller diameter 60cm, eight poles; impeller diameter from 75 to 120cm



## Assembly drawing [Exhaust Type]

\* For intake type, please contact us.

impeller diameter from 20 to 40cm, four poles



\* The shape varies slightly depending on the model.

## Dimensions

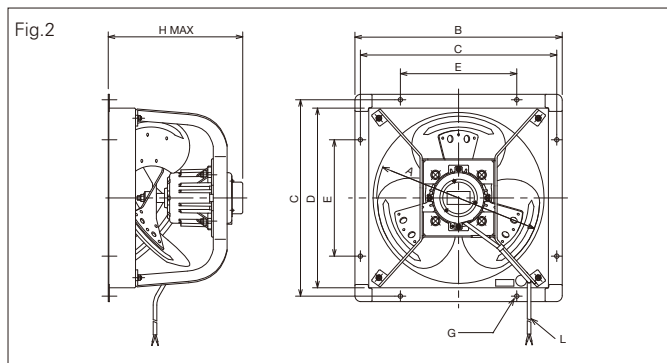
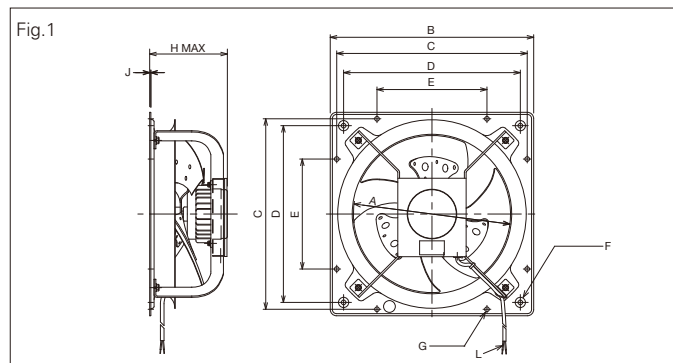
(Unit:mm)

| Fig. | Model     | A   | B   | C   | D   | E   | F     | G     | H     | J | L                                                             |
|------|-----------|-----|-----|-----|-----|-----|-------|-------|-------|---|---------------------------------------------------------------|
| 1    | PF-8BS1D  | 200 | 276 | 246 | 240 | 162 | 4×φ7  | 8×φ7  | 147.5 | 3 | Heat-resistant vinyl-insulated wire×2×0.75mm <sup>2</sup> ×1m |
|      | PF-8BS2D  | 200 | 276 | 246 | 240 | 162 | 4×φ7  | 8×φ7  | 147.5 | 3 | Heat-resistant vinyl-insulated wire×2×0.75mm <sup>2</sup> ×1m |
|      | PF-10BS1D | 250 | 327 | 298 | 285 | 165 | 4×φ7  | 8×φ7  | 147.7 | 3 | Heat-resistant vinyl-insulated wire×2×0.75mm <sup>2</sup> ×1m |
|      | PF-10BS2D | 250 | 327 | 298 | 285 | 165 | 4×φ7  | 8×φ7  | 147.7 | 3 | Heat-resistant vinyl-insulated wire×2×0.75mm <sup>2</sup> ×1m |
| 2    | PF-12BS1N | 300 | 378 | 349 | 330 | 210 | 4×φ7  | 8×φ7  | 159   | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-12BS2N | 300 | 378 | 349 | 330 | 210 | 4×φ7  | 8×φ7  | 159   | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-12BT2N | 300 | 378 | 349 | 330 | 210 | 4×φ7  | 8×φ7  | 159   | 3 | VCT×3 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-14BS1N | 350 | 467 | 434 | 400 | 250 | 4×φ12 | 8×φ12 | 194   | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-14BS2N | 350 | 467 | 434 | 400 | 250 | 4×φ12 | 8×φ12 | 194   | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-14BT2N | 350 | 467 | 434 | 400 | 250 | 4×φ12 | 8×φ12 | 194   | 3 | VCT×3 cores×0.75mm <sup>2</sup> ×1m                           |
| 3    | PF-16BS1G | 400 | 518 | 485 | 450 | 280 | 4×φ12 | 8×φ12 | 198   | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-16BS2G | 400 | 518 | 485 | 450 | 280 | 4×φ12 | 8×φ12 | 198   | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-16BT2G | 400 | 518 | 485 | 450 | 280 | 4×φ12 | 8×φ12 | 198   | 3 | VCT×3 cores×0.75mm <sup>2</sup> ×1m                           |
|      | PF-16BT2F | 400 | 518 | 485 | 450 | 280 | 4×φ12 | 8×φ12 | 224   | 3 | 2PNCT×3 cores×1.25mm <sup>2</sup> ×1m                         |

## Assembly drawing [Exhaust Type]

\* For intake type, please contact us.

impeller diameter from 40 to 60cm, six poles



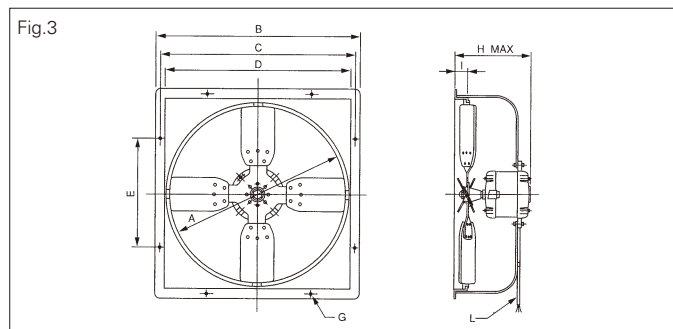
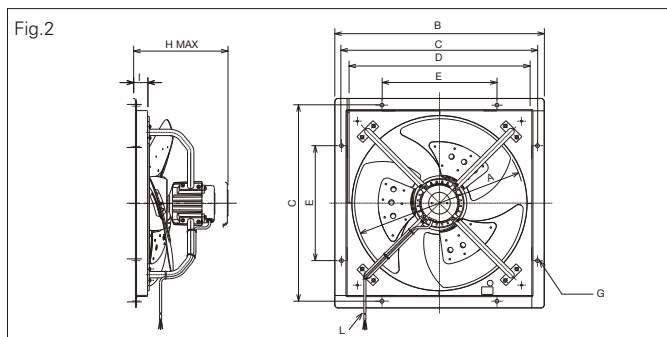
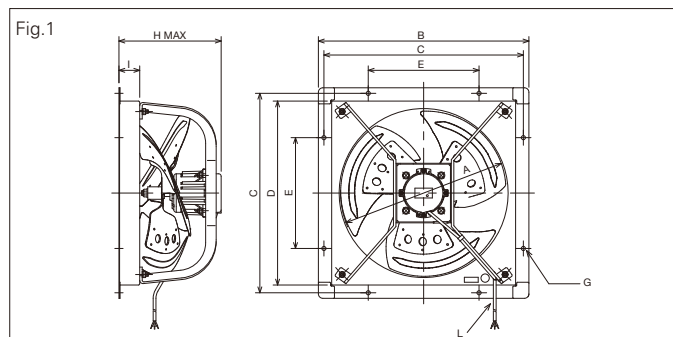
\* The shape varies slightly depending on the model.

(Unit:mm)

## Dimensions

| Fig. | Model      | A   | B   | C   | D   | E   | F     | G     | H   | J | L                                     |
|------|------------|-----|-----|-----|-----|-----|-------|-------|-----|---|---------------------------------------|
| 1    | 6PF-16BS1G | 400 | 518 | 485 | 450 | 280 | 4×φ12 | 8×φ12 | 198 | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m   |
|      | 6PF-16BS2G | 400 | 518 | 485 | 450 | 280 | 4×φ12 | 8×φ12 | 198 | 3 | VCT×2 cores×0.75mm <sup>2</sup> ×1m   |
|      | 6PF-16BT2G | 400 | 518 | 485 | 450 | 280 | 4×φ12 | 8×φ12 | 198 | 3 | VCT×3 cores×0.75mm <sup>2</sup> ×1m   |
| 2    | PF-18BS1A  | 450 | 570 | 540 | 494 | 320 | /     | 8×φ12 | 380 | / | 2PNCT×2 cores×1.25mm <sup>2</sup> ×1m |
|      | PF-18BS2A  | 450 | 570 | 540 | 494 | 320 | /     | 8×φ12 | 380 | / | 2PNCT×2 cores×1.25mm <sup>2</sup> ×1m |
|      | PF-18BT2A  | 450 | 570 | 540 | 494 | 320 | /     | 8×φ12 | 350 | / | 2PNCT×3 cores×1.25mm <sup>2</sup> ×1m |
|      | PF-20BS1G  | 500 | 659 | 620 | 563 | 355 | /     | 8×φ15 | 395 | / | 2PNCT×2 cores×1.25mm <sup>2</sup> ×1m |
|      | PF-20BS2G  | 500 | 659 | 620 | 563 | 355 | /     | 8×φ15 | 395 | / | 2PNCT×2 cores×1.25mm <sup>2</sup> ×1m |
|      | PF-20BT2G  | 500 | 659 | 620 | 563 | 355 | /     | 8×φ15 | 365 | / | 2PNCT×3 cores×1.25mm <sup>2</sup> ×1m |
|      | PF-24BT2G  | 600 | 760 | 720 | 664 | 400 | /     | 8×φ15 | 380 | / | 2PNCT×3 cores×1.25mm <sup>2</sup> ×1m |

impeller diameter 60cm, eight poles; impeller diameter from 75 to 120cm



\* The shape varies slightly depending on the model.

## Dimensions

(Unit:mm)

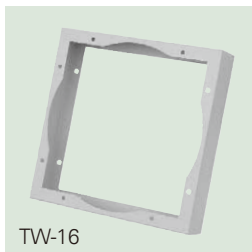
| Fig. | Model      | A    | B    | C    | D    | E   | F     | G   | I  | L                                     |
|------|------------|------|------|------|------|-----|-------|-----|----|---------------------------------------|
| 1    | 8PF-24BT2G | 600  | 760  | 720  | 664  | 400 | 8×φ15 | 380 | 75 | 2PNCT×3 cores×1.25mm <sup>2</sup> ×1m |
|      | PF-30BT2G  | 750  | 955  | 900  | 825  | 508 | 8×φ20 | 450 | 65 | 2PNCT×3 cores×2mm <sup>2</sup> ×1m    |
| 2    | PF-36BT2G  | 900  | 1110 | 1040 | 980  | 610 | 8×φ20 | 440 | 65 | 2PNCT×3 cores×2mm <sup>2</sup> ×1m    |
| 3    | 8PF-36BT2  | 900  | 1110 | 1040 | 980  | 610 | 8×φ20 | 415 | 65 | 2PNCT×3 cores×2mm <sup>2</sup> ×1m    |
| 2    | PF-42BT2G  | 1050 | 1262 | 1207 | 1132 | 656 | 8×φ20 | 560 | 65 | 2PNCT×3 cores×3.5mm <sup>2</sup> ×1m  |
| 3    | PF-48B     | 1200 | 1475 | 1425 | 1345 | 800 | 8×φ20 | 540 | /  | 2PNCT×3 cores×5.5mm <sup>2</sup> ×3m  |



### Special Accessory

#### Intake Attachment

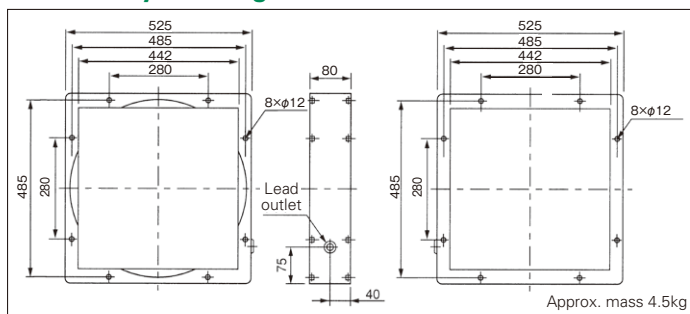
Make sure to use it when using the PF-16AT2F (intake type pressure fan) in combination with a motor-driven shutter.



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\* Please note that the photo shows a typical example and that it may partly differ from the actual item.

### Assembly drawing



### Example of Combination

