

**PEFY-P-NMAU-E2**

|                                                       |        |
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# 1. SPECIFICATIONS

DATA U8

PEFY-NMAU

| Model                                            |                         |                        | PEFY-P06NMAU-E2                                                                                                                                                                                                                                                   | PEFY-P08NMAU-E2                                                    | PEFY-P12NMAU-E2                                                    | PEFY-P15NMAU-E2                                                    |                    |       |
|--------------------------------------------------|-------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------|-------|
| Power source                                     |                         |                        | 1-phase 208/230 V 60 Hz                                                                                                                                                                                                                                           | 1-phase 208/230 V 60 Hz                                            | 1-phase 208/230 V 60 Hz                                            | 1-phase 208/230 V 60 Hz                                            |                    |       |
| Cooling capacity                                 |                         | *1                     | BTU/h                                                                                                                                                                                                                                                             | 6,000                                                              | 8,000                                                              | 12,000                                                             | 15,000             |       |
|                                                  |                         | *1                     | kW                                                                                                                                                                                                                                                                | 1.8                                                                | 2.3                                                                | 3.5                                                                | 4.4                |       |
|                                                  |                         | *2                     | Power input                                                                                                                                                                                                                                                       | kW                                                                 | 0.060                                                              | 0.060                                                              | 0.090              | 0.090 |
|                                                  |                         | *2                     | Current input                                                                                                                                                                                                                                                     | A                                                                  | 0.56                                                               | 0.56                                                               | 0.66               | 0.67  |
| Heating capacity                                 |                         | *3                     | BTU/h                                                                                                                                                                                                                                                             | 6,700                                                              | 9,000                                                              | 13,500                                                             | 17,000             |       |
|                                                  |                         | *3                     | kW                                                                                                                                                                                                                                                                | 2.0                                                                | 2.6                                                                | 4.0                                                                | 5.0                |       |
|                                                  |                         | *2                     | Power input                                                                                                                                                                                                                                                       | kW                                                                 | 0.040                                                              | 0.040                                                              | 0.070              | 0.070 |
|                                                  |                         | *2                     | Current input                                                                                                                                                                                                                                                     | A                                                                  | 0.45                                                               | 0.45                                                               | 0.55               | 0.56  |
| External finish                                  |                         |                        | Galvanized steel plate                                                                                                                                                                                                                                            | Galvanized steel plate                                             | Galvanized steel plate                                             | Galvanized steel plate                                             |                    |       |
| External dimension HxWxD                         |                         | inch                   | 9-7/8 x 27-9/16 x 28-7/8                                                                                                                                                                                                                                          | 9-7/8 x 27-9/16 x 28-7/8                                           | 9-7/8 x 27-9/16 x 28-7/8                                           | 9-7/8 x 35-7/16 x 28-7/8                                           |                    |       |
|                                                  |                         | mm                     | 250 x 700 x 732                                                                                                                                                                                                                                                   | 250 x 700 x 732                                                    | 250 x 700 x 732                                                    | 250 x 900 x 732                                                    |                    |       |
| Net weight                                       |                         | lbs (kg)               | 49 (22)                                                                                                                                                                                                                                                           | 49 (22)                                                            | 49 (22)                                                            | 58 (26)                                                            |                    |       |
| Heat exchanger                                   |                         |                        | Cross fin(Aluminum fin and copper tube)                                                                                                                                                                                                                           | Cross fin(Aluminum fin and copper tube)                            | Cross fin(Aluminum fin and copper tube)                            | Cross fin(Aluminum fin and copper tube)                            |                    |       |
| FAN                                              | Type x Quantity         |                        | Sirocco fan x 1                                                                                                                                                                                                                                                   | Sirocco fan x 1                                                    | Sirocco fan x 1                                                    | Sirocco fan x 1                                                    |                    |       |
|                                                  | *4                      | External static press. | in.WG                                                                                                                                                                                                                                                             | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           |                    |       |
|                                                  |                         |                        | Pa                                                                                                                                                                                                                                                                | <35> - 50 - <70> - <100> - <150>                                   | <35> - 50 - <70> - <100> - <150>                                   | <35> - 50 - <70> - <100> - <150>                                   |                    |       |
|                                                  | Motor Type              |                        | DC motor                                                                                                                                                                                                                                                          | DC motor                                                           | DC motor                                                           | DC motor                                                           |                    |       |
|                                                  | Motor output            |                        | kW                                                                                                                                                                                                                                                                | 0.085                                                              | 0.085                                                              | 0.085                                                              | 0.085              |       |
|                                                  | Driving mechanism       |                        | Direct-driven by motor                                                                                                                                                                                                                                            | Direct-driven by motor                                             | Direct-driven by motor                                             | Direct-driven by motor                                             |                    |       |
|                                                  | Air flow rate           |                        | (Low-Mid-High)                                                                                                                                                                                                                                                    | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     |                    |       |
|                                                  |                         |                        | cfm                                                                                                                                                                                                                                                               | 212 - 265 - 300                                                    | 212 - 265 - 300                                                    | 265 - 318 - 371                                                    | 353 - 424 - 494    |       |
|                                                  |                         |                        | m³/min                                                                                                                                                                                                                                                            | 6.0 - 7.5 - 8.5                                                    | 6.0 - 7.5 - 8.5                                                    | 7.5 - 9.0 - 10.5                                                   | 10.0 - 12.0 - 14.0 |       |
|                                                  |                         |                        | L/s                                                                                                                                                                                                                                                               | 100 - 125 - 142                                                    | 100 - 125 - 142                                                    | 125 - 150 - 175                                                    | 167 - 200 - 233    |       |
| Sound pressure level (measured in anechoic room) |                         |                        | (Low-Mid-High)                                                                                                                                                                                                                                                    | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     |                    |       |
| *2                                               |                         | dB <A>                 | 26-28-29                                                                                                                                                                                                                                                          | 26-28-29                                                           | 28-30-34                                                           | 28-30-34                                                           |                    |       |
| Insulation material                              |                         |                        | EPS, Polyethylene foam, Urethane foam                                                                                                                                                                                                                             | EPS, Polyethylene foam, Urethane foam                              | EPS, Polyethylene foam, Urethane foam                              | EPS, Polyethylene foam, Urethane foam                              |                    |       |
| Air filter                                       |                         |                        | PP honeycomb fabric.                                                                                                                                                                                                                                              | PP honeycomb fabric.                                               | PP honeycomb fabric.                                               | PP honeycomb fabric.                                               |                    |       |
| Protection device                                |                         |                        | Fuse                                                                                                                                                                                                                                                              | Fuse                                                               | Fuse                                                               | Fuse                                                               |                    |       |
| Refrigerant control device                       |                         |                        | LEV                                                                                                                                                                                                                                                               | LEV                                                                | LEV                                                                | LEV                                                                |                    |       |
| Connectable outdoor unit                         |                         |                        | R410A CITY MULTI                                                                                                                                                                                                                                                  | R410A CITY MULTI                                                   | R410A CITY MULTI                                                   | R410A CITY MULTI                                                   |                    |       |
| Diameter of refrigerant pipe                     | Liquid (R410A)          | inch (mm)              | 1/4 (6.35)Brazed                                                                                                                                                                                                                                                  | 1/4 (6.35)Brazed                                                   | 1/4 (6.35)Brazed                                                   | 1/4 (6.35)Brazed                                                   |                    |       |
|                                                  | Gas (R410A)             | inch (mm)              | 1/2 (12.7)Brazed                                                                                                                                                                                                                                                  | 1/2 (12.7)Brazed                                                   | 1/2 (12.7)Brazed                                                   | 1/2 (12.7)Brazed                                                   |                    |       |
| Field drain pipe size                            |                         | inch (mm)              | O.D.1-1/4(32)                                                                                                                                                                                                                                                     | O.D.1-1/4(32)                                                      | O.D.1-1/4(32)                                                      | O.D.1-1/4(32)                                                      |                    |       |
| Drawing                                          | External                |                        | KD94R363                                                                                                                                                                                                                                                          | KD94R363                                                           | KD94R363                                                           | KD94R363                                                           |                    |       |
|                                                  | Wiring                  |                        | KD94R364                                                                                                                                                                                                                                                          | KD94R364                                                           | KD94R364                                                           | KD94R364                                                           |                    |       |
| Standard attachment                              | Document                |                        | Installation Manual, Instruction Book                                                                                                                                                                                                                             | Installation Manual, Instruction Book                              | Installation Manual, Instruction Book                              | Installation Manual, Instruction Book                              |                    |       |
|                                                  | Accessory               |                        | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band                                                                                                                                                                                                | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band |                    |       |
| Optional parts                                   | Filter box              |                        | PAC-KE91TB-E                                                                                                                                                                                                                                                      | PAC-KE91TB-E                                                       | PAC-KE91TB-E                                                       | PAC-KE92TB-E                                                       |                    |       |
|                                                  | External heater adapter |                        | PAC-YU25HT                                                                                                                                                                                                                                                        | PAC-YU25HT                                                         | PAC-YU25HT                                                         | PAC-YU25HT                                                         |                    |       |
| Remarks                                          |                         |                        | * Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.<br>* Due to continuing improvement, above specifications may be subject to change without notice. |                                                                    |                                                                    |                                                                    |                    |       |

| Notes :                                                                                                                                                                                                           | Unit converter                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1.Nominal cooling conditions<br>Indoor:80°FDB/67°F WB(26.7°CDB/19.4°CWB), Outdoor:95°FDB(35°CDB)<br>Pipe length:25ft.(7.6m), Level difference:0ft.(0m)                                                            | kcal =kW x 860<br>BTU/h =kW x 3,412                         |
| 2.The values are measured at the factory setting of external static pressure.                                                                                                                                     | cfm =m <sup>3</sup> /min x 35.31                            |
| 3.Nominal heating conditions<br>Indoor:70°FDB(21.1°CDB), Outdoor:47°FDB/43°F WB(8.3°CDB/6.1°CWB)<br>Pipe length:25ft.(7.6m), Level difference:0ft.(0m)                                                            | lbs =kg / 0.4536                                            |
| 4.The factory setting of external static pressure is shown without < > .<br>Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate. | *Above specification data is subject to rounding variation. |

# 1. SPECIFICATIONS

DATA U8

PEFY-NMAU

| Model                                            |                         |                        | PEFY-P18NMAU-E2                                                                                                                                                 | PEFY-P24NMAU-E2                                                    | PEFY-P27NMAU-E2                                                    | PEFY-P30NMAU-E2                                                    |                        |
|--------------------------------------------------|-------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|------------------------|
| Power source                                     |                         |                        | 1-phase 208/230 V 60 Hz                                                                                                                                         | 1-phase 208/230 V 60 Hz                                            | 1-phase 208/230 V 60 Hz                                            | 1-phase 208/230 V 60 Hz                                            |                        |
| Cooling capacity                                 | *1                      | BTU/h                  | 18,000                                                                                                                                                          | 24,000                                                             | 27,000                                                             | 30,000                                                             |                        |
|                                                  |                         | *1 kW                  | 5.3                                                                                                                                                             | 7.0                                                                | 7.9                                                                | 8.8                                                                |                        |
|                                                  | *2                      | Power input            | 0.110                                                                                                                                                           | 0.170                                                              | 0.170                                                              | 0.170                                                              |                        |
|                                                  |                         | *2 Current input       | A                                                                                                                                                               | 0.77                                                               | 1.31                                                               | 1.31                                                               | 1.31                   |
| Heating capacity                                 | *3                      | BTU/h                  | 20,000                                                                                                                                                          | 27,000                                                             | 30,000                                                             | 34,000                                                             |                        |
|                                                  |                         | *3 kW                  | 5.9                                                                                                                                                             | 7.9                                                                | 8.8                                                                | 10.0                                                               |                        |
|                                                  | *2                      | Power input            | 0.090                                                                                                                                                           | 0.150                                                              | 0.150                                                              | 0.150                                                              |                        |
|                                                  |                         | *2 Current input       | A                                                                                                                                                               | 0.66                                                               | 1.20                                                               | 1.20                                                               | 1.20                   |
|                                                  | External finish         |                        |                                                                                                                                                                 | Galvanized steel plate                                             | Galvanized steel plate                                             | Galvanized steel plate                                             | Galvanized steel plate |
| External dimension HxWxD                         |                         | inch                   | 9-7/8 x 35-7/16 x 28-7/8                                                                                                                                        | 9-7/8 x 43-5/16 x 28-7/8                                           | 9-7/8 x 43-5/16 x 28-7/8                                           | 9-7/8 x 43-5/16 x 28-7/8                                           |                        |
|                                                  |                         | mm                     | 250 x 900 x 732                                                                                                                                                 | 250 x 1,100 x 732                                                  | 250 x 1,100 x 732                                                  | 250 x 1,100 x 732                                                  |                        |
| Net weight                                       |                         | lbs (kg)               | 58 (26)                                                                                                                                                         | 67 (30)                                                            | 67 (30)                                                            | 67 (30)                                                            |                        |
| Heat exchanger                                   |                         |                        | Cross fin(Aluminum fin and copper tube)                                                                                                                         | Cross fin(Aluminum fin and copper tube)                            | Cross fin(Aluminum fin and copper tube)                            | Cross fin(Aluminum fin and copper tube)                            |                        |
| FAN                                              | Type x Quantity         |                        | Sirocco fan x 1                                                                                                                                                 | Sirocco fan x 2                                                    | Sirocco fan x 2                                                    | Sirocco fan x 2                                                    |                        |
|                                                  | *4                      | External static press. | in. WG                                                                                                                                                          | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           |                        |
|                                                  |                         |                        | Pa                                                                                                                                                              | <35> - 50 - <70> - <100> - <150>                                   | <35> - 50 - <70> - <100> - <150>                                   | <35> - 50 - <70> - <100> - <150>                                   |                        |
|                                                  | Motor Type              |                        | DC motor                                                                                                                                                        | DC motor                                                           | DC motor                                                           | DC motor                                                           |                        |
|                                                  | Motor output            |                        | kW                                                                                                                                                              | 0.085                                                              | 0.121                                                              | 0.121                                                              | 0.121                  |
|                                                  | Driving mechanism       |                        | Direct-driven by motor                                                                                                                                          | Direct-driven by motor                                             | Direct-driven by motor                                             | Direct-driven by motor                                             |                        |
|                                                  | Air flow rate           |                        | (Low-Mid-High)                                                                                                                                                  | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     |                        |
|                                                  |                         |                        | cfm                                                                                                                                                             | 424 - 512 - 600                                                    | 618 - 742 - 883                                                    | 618 - 742 - 883                                                    | 618 - 742 - 883        |
|                                                  |                         |                        | m³/min                                                                                                                                                          | 12.0 - 14.5 - 17.0                                                 | 17.5 - 21.0 - 25.0                                                 | 17.5 - 21.0 - 25.0                                                 | 17.5 - 21.0 - 25.0     |
|                                                  |                         |                        | L/s                                                                                                                                                             | 200 - 242 - 283                                                    | 292 - 350 - 417                                                    | 292 - 350 - 417                                                    | 292 - 350 - 417        |
| Sound pressure level (measured in anechoic room) |                         |                        | (Low-Mid-High)                                                                                                                                                  | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     |                        |
| *2                                               |                         | dB <A>                 | 28-32-35                                                                                                                                                        | 30-34-39                                                           | 30-34-39                                                           | 30-34-39                                                           |                        |
| Insulation material                              |                         |                        | EPS, Polyethylene foam, Urethane foam                                                                                                                           | EPS, Polyethylene foam, Urethane foam                              | EPS, Polyethylene foam, Urethane foam                              | EPS, Polyethylene foam, Urethane foam                              |                        |
| Air filter                                       |                         |                        | PP honeycomb fabric.                                                                                                                                            | PP honeycomb fabric.                                               | PP honeycomb fabric.                                               | PP honeycomb fabric.                                               |                        |
| Protection device                                |                         |                        | Fuse                                                                                                                                                            | Fuse                                                               | Fuse                                                               | Fuse                                                               |                        |
| Refrigerant control device                       |                         |                        | LEV                                                                                                                                                             | LEV                                                                | LEV                                                                | LEV                                                                |                        |
| Connectable outdoor unit                         |                         |                        | R410A CITY MULTI                                                                                                                                                | R410A CITY MULTI                                                   | R410A CITY MULTI                                                   | R410A CITY MULTI                                                   |                        |
| Diameter of refrigerant pipe                     | Liquid (R410A)          | inch (mm)              | 1/4 (6.35)Braze                                                                                                                                                 | 3/8 (9.52)Braze                                                    | 3/8 (9.52)Braze                                                    | 3/8 (9.52)Braze                                                    |                        |
|                                                  | Gas (R410A)             | inch (mm)              | 1/2 (12.7)Braze                                                                                                                                                 | 5/8 (15.88)Braze                                                   | 5/8 (15.88)Braze                                                   | 5/8 (15.88)Braze                                                   |                        |
| Field drain pipe size                            |                         | inch (mm)              | O.D. 1-1/4(32)                                                                                                                                                  | O.D. 1-1/4(32)                                                     | O.D. 1-1/4(32)                                                     | O.D. 1-1/4(32)                                                     |                        |
| Drawing                                          | External                |                        | KD94R363                                                                                                                                                        | KD94R363                                                           | KD94R363                                                           | KD94R363                                                           |                        |
|                                                  | Wiring                  |                        | KD94R364                                                                                                                                                        | KD94R364                                                           | KD94R364                                                           | KD94R364                                                           |                        |
| Standard attachment                              | Document                |                        | Installation Manual, Instruction Book                                                                                                                           | Installation Manual, Instruction Book                              | Installation Manual, Instruction Book                              | Installation Manual, Instruction Book                              |                        |
|                                                  | Accessory               |                        | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band                                                                                              | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band |                        |
| Optional parts                                   | Filter box              |                        | PAC-KE92TB-E                                                                                                                                                    | PAC-KE93TB-E                                                       | PAC-KE93TB-E                                                       | PAC-KE93TB-E                                                       |                        |
|                                                  | External heater adapter |                        | PAC-YU25HT                                                                                                                                                      | PAC-YU25HT                                                         | PAC-YU25HT                                                         | PAC-YU25HT                                                         |                        |
| Remarks                                          |                         |                        | * Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. |                                                                    |                                                                    |                                                                    |                        |
|                                                  |                         |                        | * Due to continuing improvement, above specifications may be subject to change without notice.                                                                  |                                                                    |                                                                    |                                                                    |                        |

| Notes :                                                                                                                                                                                                           | Unit converter                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1.Nominal cooling conditions<br>Indoor:80°FDB/67°FWB(26.7°CDB/19.4°CWB), Outdoor:95°FDB(35°CDB)<br>Pipe length:25ft.(7.6m), Level difference:0ft.(0m)                                                             | kcal =kW x 860                                              |
| 2.The values are measured at the factory setting of external static pressure.                                                                                                                                     | BTU/h =kW x 3,412                                           |
| 3.Nominal heating conditions<br>Indoor:70°FDB(21.1°CDB), Outdoor:47°FDB/43°FWB(8.3°CDB/6.1°CWB)<br>Pipe length:25ft.(7.6m), Level difference:0ft.(0m)                                                             | cfm =m³/min x 35.31                                         |
| 4.The factory setting of external static pressure is shown without < > .<br>Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate. | lbs =kg / 0.4536                                            |
|                                                                                                                                                                                                                   | *Above specification data is subject to rounding variation. |

# 1. SPECIFICATIONS

DATA U8

PEFY-NMAU

| Model                                            |                         |                        | PEFY-P36NMAU-E2                                                                                                                                                                                                                                                   | PEFY-P48NMAU-E2                                                    | PEFY-P54NMAU-E2                                                    |                                          |  |
|--------------------------------------------------|-------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------|--|
| Power source                                     |                         |                        | 1-phase 208/230 V 60 Hz                                                                                                                                                                                                                                           | 1-phase 208/230 V 60 Hz                                            | 1-phase 208/230 V 60 Hz                                            |                                          |  |
| Cooling capacity                                 | *1                      | BTU/h                  | 36,000                                                                                                                                                                                                                                                            | 48,000                                                             | 54,000                                                             |                                          |  |
|                                                  | *1                      | kW                     | 10.6                                                                                                                                                                                                                                                              | 14.1                                                               | 15.8                                                               |                                          |  |
|                                                  | *2                      | Power input            | 0.240                                                                                                                                                                                                                                                             | 0.340                                                              | 0.360                                                              |                                          |  |
|                                                  | **F2                    | Current input          | A                                                                                                                                                                                                                                                                 | 1.50                                                               | 2.08                                                               | 2.24                                     |  |
| Heating capacity                                 | *3                      | BTU/h                  | 40,000                                                                                                                                                                                                                                                            | 54,000                                                             | 60,000                                                             |                                          |  |
|                                                  | *3                      | kW                     | 11.7                                                                                                                                                                                                                                                              | 15.8                                                               | 17.6                                                               |                                          |  |
|                                                  | *2                      | Power input            | 0.220                                                                                                                                                                                                                                                             | 0.320                                                              | 0.340                                                              |                                          |  |
|                                                  | *2                      | Current input          | A                                                                                                                                                                                                                                                                 | 1.39                                                               | 1.97                                                               | 2.13                                     |  |
|                                                  | External finish         |                        |                                                                                                                                                                                                                                                                   | Galvanized steel plate                                             | Galvanized steel plate                                             | Galvanized steel plate                   |  |
| External dimension HxWxD                         |                         | inch                   | 9-7/8 x 55-1/8 x 28-7/8                                                                                                                                                                                                                                           | 9-7/8 x 55-1/8 x 28-7/8                                            | 9-7/8 x 63 x 28-7/8                                                |                                          |  |
|                                                  |                         | mm                     | 250 x 1,400 x 732                                                                                                                                                                                                                                                 | 250 x 1,400 x 732                                                  | 250 x 1,600 x 732                                                  |                                          |  |
| Net weight                                       |                         | lbs (kg)               | 86 (39)                                                                                                                                                                                                                                                           | 86 (39)                                                            | 93 (42)                                                            |                                          |  |
| Heat exchanger                                   |                         |                        | Cross fin(Aluminum fin and copper tube)                                                                                                                                                                                                                           | Cross fin(Aluminum fin and copper tube)                            | Cross fin(Aluminum fin and copper tube)                            |                                          |  |
| FAN                                              | Type x Quantity         |                        | Sirocco fan x 2                                                                                                                                                                                                                                                   | Sirocco fan x 2                                                    | Sirocco fan x 2                                                    |                                          |  |
|                                                  | *4                      | External static press. | in.WG                                                                                                                                                                                                                                                             | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           | <0.14> - 0.20 - <0.28> - <0.40> - <0.60>                           | <0.14> - 0.20 - <0.28> - <0.40> - <0.60> |  |
|                                                  |                         |                        | Pa                                                                                                                                                                                                                                                                | <35> - 50 - <70> - <100> - <150>                                   | <35> - 50 - <70> - <100> - <150>                                   | <35> - 50 - <70> - <100> - <150>         |  |
|                                                  | Motor Type              |                        | DC motor                                                                                                                                                                                                                                                          | DC motor                                                           | DC motor                                                           |                                          |  |
|                                                  | Motor output            |                        | kW                                                                                                                                                                                                                                                                | 0.244                                                              | 0.244                                                              |                                          |  |
|                                                  | Driving mechanism       |                        | Direct-driven by motor                                                                                                                                                                                                                                            | Direct-driven by motor                                             | Direct-driven by motor                                             |                                          |  |
|                                                  | Air flow rate           |                        | (Low-Mid-High)                                                                                                                                                                                                                                                    | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     |                                          |  |
|                                                  |                         |                        | cfm                                                                                                                                                                                                                                                               | 812 - 989 - 1165                                                   | 989 - 1201 - 1412                                                  | 1042 - 1254 - 1483                       |  |
|                                                  |                         |                        | m <sup>3</sup> /min                                                                                                                                                                                                                                               | 23.0 - 28.0 - 33.0                                                 | 28.0 - 34.0 - 40.0                                                 | 29.5 - 35.5 - 42.0                       |  |
|                                                  |                         |                        | L/s                                                                                                                                                                                                                                                               | 383 - 467 - 550                                                    | 467 - 567 - 667                                                    | 492 - 592 - 700                          |  |
| Sound pressure level (measured in anechoic room) |                         |                        | (Low-Mid-High)                                                                                                                                                                                                                                                    | (Low-Mid-High)                                                     | (Low-Mid-High)                                                     |                                          |  |
| *2                                               |                         | dB <A>                 | 32-37-41                                                                                                                                                                                                                                                          | 35-40-44                                                           | 36-41-45                                                           |                                          |  |
| Insulation material                              |                         |                        | EPS, Polyethylene foam, Urethane foam                                                                                                                                                                                                                             | EPS, Polyethylene foam, Urethane foam                              | EPS, Polyethylene foam, Urethane foam                              |                                          |  |
| Air filter                                       |                         |                        | PP honeycomb fabric.                                                                                                                                                                                                                                              | PP honeycomb fabric.                                               | PP honeycomb fabric.                                               |                                          |  |
| Protection device                                |                         |                        | Fuse                                                                                                                                                                                                                                                              | Fuse                                                               | Fuse                                                               |                                          |  |
| Refrigerant control device                       |                         |                        | LEV                                                                                                                                                                                                                                                               | LEV                                                                | LEV                                                                |                                          |  |
| Connectable outdoor unit                         |                         |                        | R410A CITY MULTI                                                                                                                                                                                                                                                  | R410A CITY MULTI                                                   | R410A CITY MULTI                                                   |                                          |  |
| Diameter of refrigerant pipe                     | Liquid (R410A)          | inch (mm)              | 3/8 (9.52)Brazed                                                                                                                                                                                                                                                  | 3/8 (9.52)Brazed                                                   | 3/8 (9.52)Brazed                                                   |                                          |  |
|                                                  | Gas (R410A)             | inch (mm)              | 5/8 (15.88)Brazed                                                                                                                                                                                                                                                 | 5/8 (15.88)Brazed                                                  | 5/8 (15.88)Brazed                                                  |                                          |  |
| Field drain pipe size                            |                         | inch (mm)              | O.D.1-1/4(32)                                                                                                                                                                                                                                                     | O.D.1-1/4(32)                                                      | O.D.1-1/4(32)                                                      |                                          |  |
| Drawing                                          | External                |                        | KD94R363                                                                                                                                                                                                                                                          | KD94R363                                                           | KD94R363                                                           |                                          |  |
|                                                  | Wiring                  |                        | KD94R364                                                                                                                                                                                                                                                          | KD94R364                                                           | KD94R364                                                           |                                          |  |
| Standard attachment                              | Document                |                        | Installation Manual, Instruction Book                                                                                                                                                                                                                             | Installation Manual, Instruction Book                              | Installation Manual, Instruction Book                              |                                          |  |
|                                                  | Accessory               |                        | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band                                                                                                                                                                                                | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band | Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band |                                          |  |
| Optional parts                                   | Filter box              |                        | PAC-KE94TB-E                                                                                                                                                                                                                                                      | PAC-KE94TB-E                                                       | PAC-KE95TB-E                                                       |                                          |  |
|                                                  | External heater adapter |                        | PAC-YU25HT                                                                                                                                                                                                                                                        | PAC-YU25HT                                                         | PAC-YU25HT                                                         |                                          |  |
| Remarks                                          |                         |                        | * Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.<br>* Due to continuing improvement, above specifications may be subject to change without notice. |                                                                    |                                                                    |                                          |  |

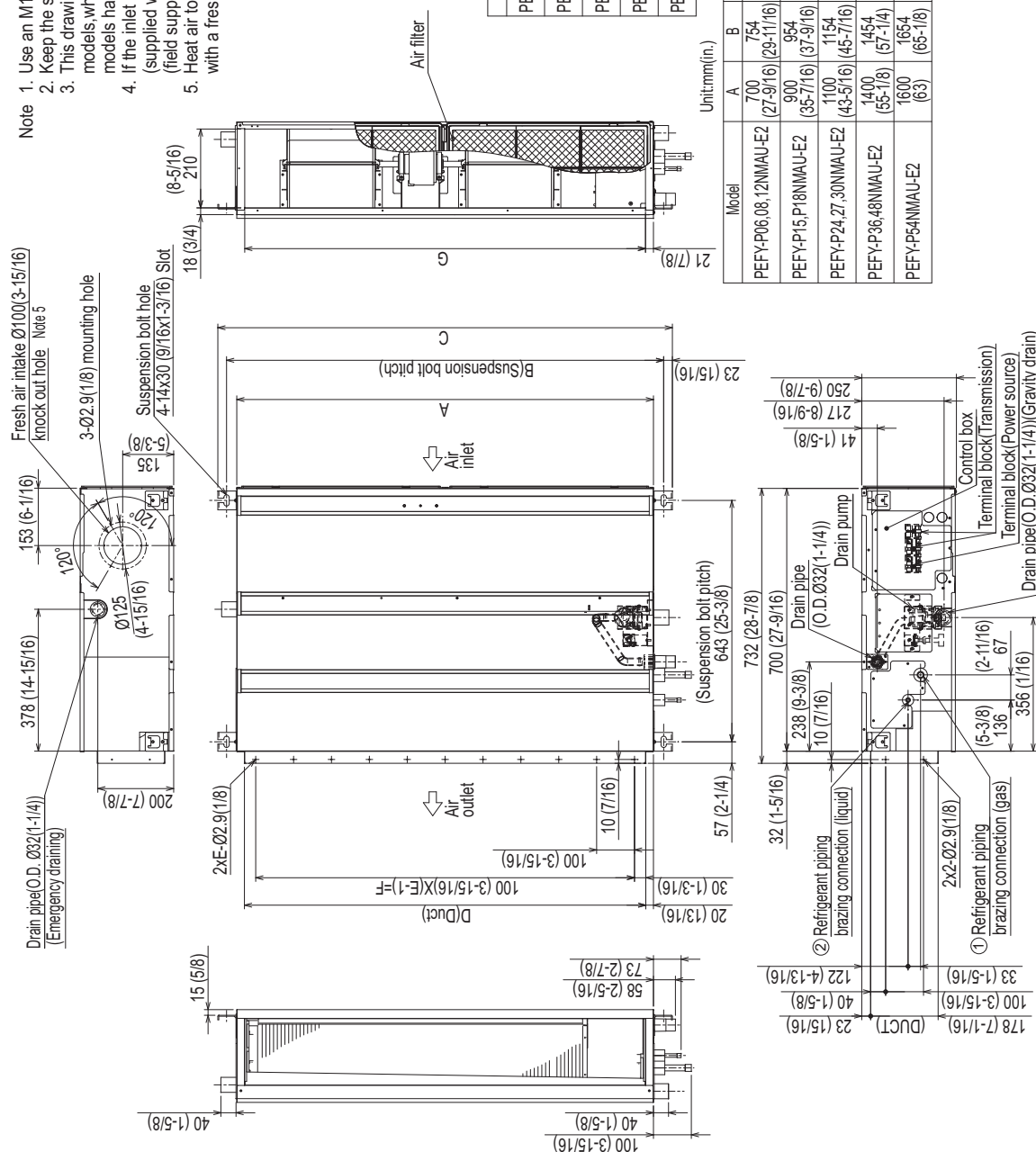
|                                                                                                                                                                                                                   |  |                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|
| Notes :                                                                                                                                                                                                           |  | Unit converter                                              |
| 1.Nominal cooling conditions<br>Indoor:80°FDB/67°FWB(26.7°CDB/19.4°CWB), Outdoor:95°FDB(35°CDB)<br>Pipe length:25ft.(7.6m), Level difference:0ft.(0m)                                                             |  | kcal =kW x 860                                              |
| 2.The values are measured at the factory setting of external static pressure.                                                                                                                                     |  | BTU/h =kW x 3,412                                           |
| 3.Nominal heating conditions<br>Indoor:70°FDB(21.1°CDB), Outdoor:47°FDB/43°FWB(8.3°CDB/6.1°CWB)<br>Pipe length:25ft.(7.6m), Level difference:0ft.(0m)                                                             |  | cfm =m <sup>3</sup> /min x 35.31                            |
| 4.The factory setting of external static pressure is shown without < > .<br>Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate. |  | lbs =kg / 0.4536                                            |
|                                                                                                                                                                                                                   |  | *Above specification data is subject to rounding variation. |

## 2. EXTERNAL DIMENSIONS

## PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2

Unit : mm(in.)

1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for maintenance at the bottom.
3. This drawing is for PEFY-P24-27-30-36-48-54NMAU-E2 models, which have 2 fans. PEFY-P06-08-12-15-18NMAU-E2 models have 1 fan.
4. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.
5. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.

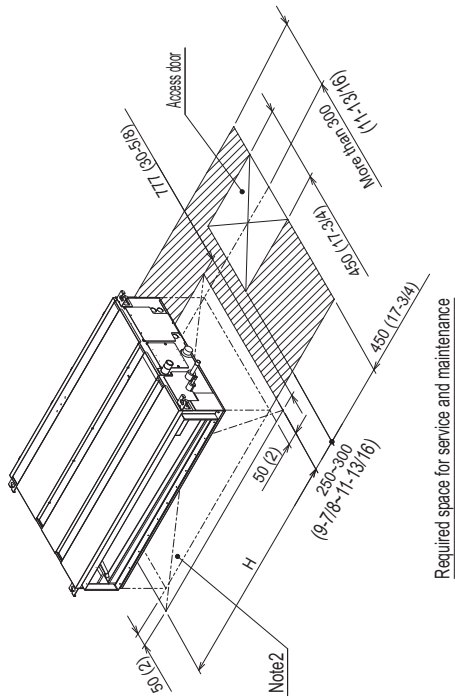
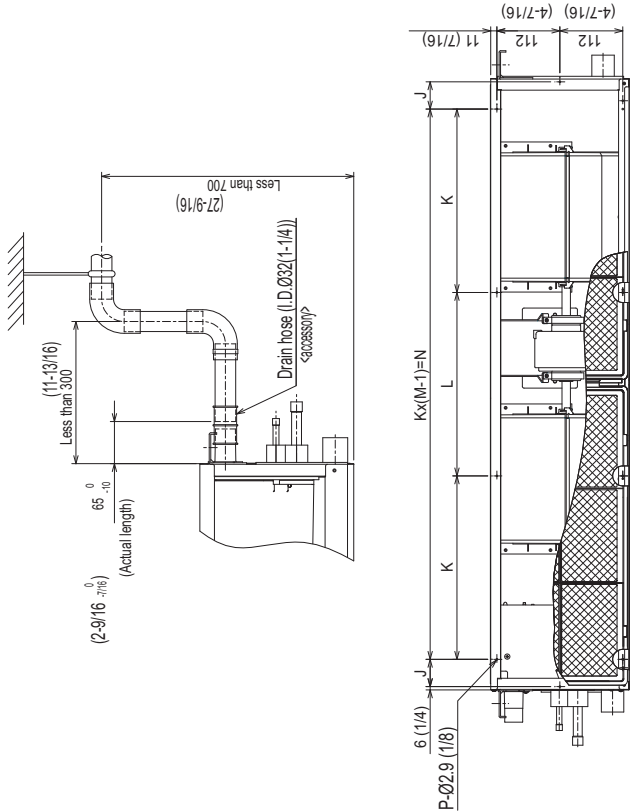


| Unit:mm (in.) | Model           |                |
|---------------|-----------------|----------------|
|               | ① Gas pipe      | ② Liquid pipe  |
|               | Ø12.7<br>(1/2)  | Ø6.35<br>(1/4) |
|               | Ø15.88<br>(5/8) | Ø9.52<br>(3/8) |

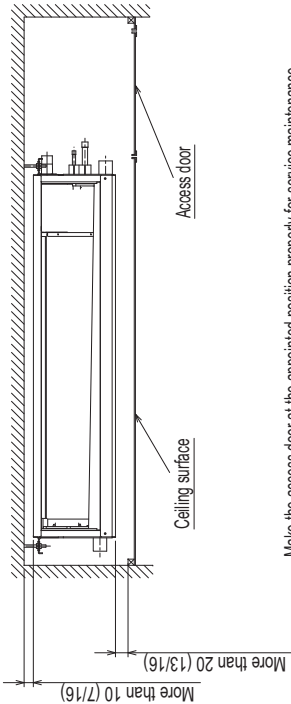
| Model                 | A                 | B                 | C                  | D                  | E  | F                 | G                  |
|-----------------------|-------------------|-------------------|--------------------|--------------------|----|-------------------|--------------------|
| PEFY-P06.08.12NMAU-E2 | 700<br>(27.9/16)  | 754<br>(29.11/16) | 800<br>(31.1/2)    | 660<br>(31.1/2)    | 7  | 600<br>(23.5/8)   | 658<br>(25.15/16)  |
| PEFY-P15.P18NMAU-E2   | 900<br>(35.7/16)  | 954<br>(37.9/16)  | 1000<br>(39.3/8)   | 860<br>(33.7/8)    | 9  | 800<br>(31.1/2)   | 858<br>(33.13/16)  |
| PEFY-P24.27.30NMAU-E2 | 1100<br>(43.5/16) | 1154<br>(45.7/16) | 1200<br>(47.1/4)   | 1060<br>(41.3/4)   | 11 | 1000<br>(39.3/8)  | 1058<br>(41.11/16) |
| PEFY-P36.48NMAU-E2    | 1400<br>(55.1/8)  | 1454<br>(57.1/4)  | 1500<br>(59.1/16)  | 1360<br>(53.9/16)  | 14 | 1300<br>(51.3/16) | 1358<br>(53.1/2)   |
| PEFY-P54NMAU-E2       | 1600<br>(63)      | 1654<br>(65.1/8)  | 1700<br>(66.15/16) | 1560<br>(61.12/16) | 16 | 1500<br>(59.1/4)  | 1558<br>(61.3/8)   |

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2

Unit : mm(in.)



Required space for service and maintenance



Make the access door at the appointed position properly for service maintenance.

| Model                 | H                  | J               | K                | L                 | M              | N                 | P  |
|-----------------------|--------------------|-----------------|------------------|-------------------|----------------|-------------------|----|
| PEFY-P06,08,12NMAU-E2 | 800<br>(31-1/2)    | 44<br>(1-3/4)   | 150<br>(5-15/16) | 300<br>(11-13/16) |                |                   | 10 |
| PEFY-P15,18NMAU-E2    | 1000<br>(39-3/8)   | 54<br>(2-3/16)  | 260<br>(10-1/4)  |                   | 4<br>(30-3/4)  | 780<br>(30-3/4)   | 10 |
| PEFY-P24,27,30NMAU-E2 | 1200<br>(47-1/4)   | 49<br>(1-15/16) | 330<br>(13)      |                   | 4<br>(39)      | 890<br>(35)       | 10 |
| PEFY-P36,48NMAU-E2    | 1500<br>(59-1/16)  | 54<br>(2-3/16)  | 320<br>(12-5/8)  |                   | 5<br>(60-7/16) | 1280<br>(50-7/16) | 12 |
| PEFY-P54NMAU-E2       | 1700<br>(66-15/16) | 54<br>(2-3/16)  | 370<br>(14-5/8)  |                   | 5<br>(68-5/16) | 1480<br>(58-5/16) | 12 |

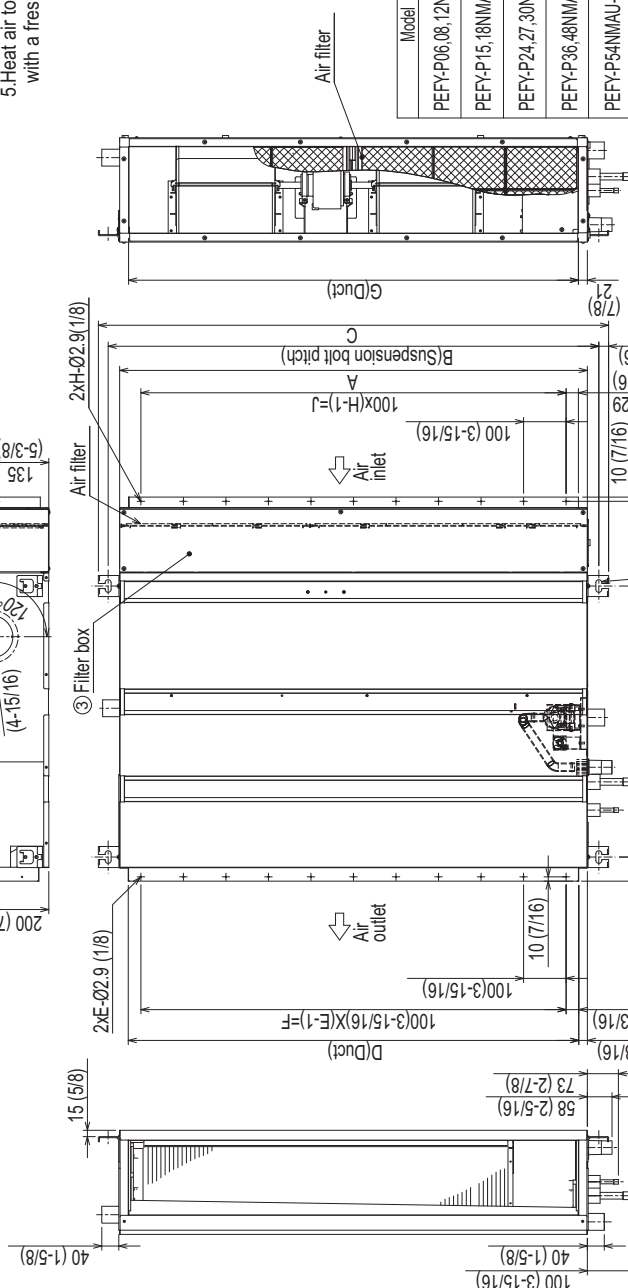
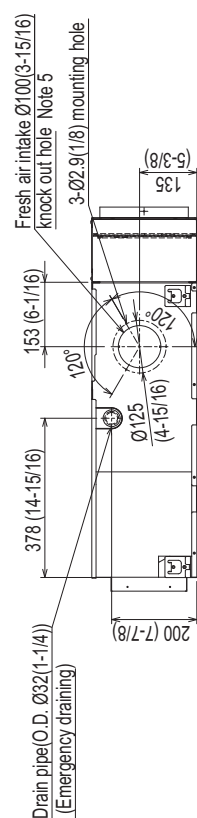
Unit:mm(in.)

## 2. EXTERNAL DIMENSIONS

## PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2 with filter box

Unit : mm(in.)

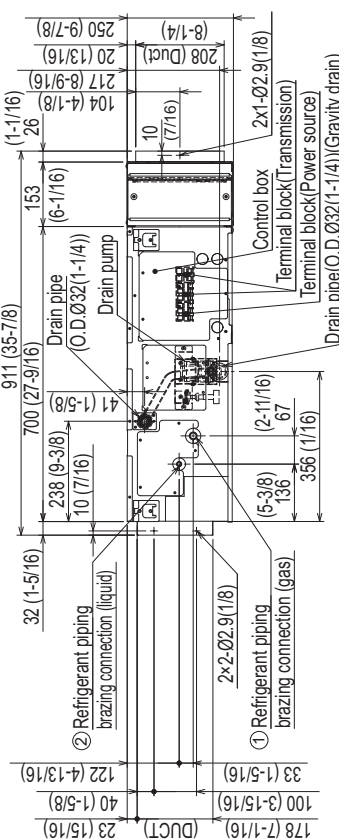
1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for maintenance at the bottom.
3. This drawing is for PEFY-P24-27-30-36-48-54NMAU-E2 models, which have 2 fans. PEFY-P06-08-12-15-18NMAU-E2 models have 1 fan.
4. Use air filter installed with indoor unit.
5. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.



| Model                 | ① Gas pipe      | ② Liquid pipe  | ③ Filter box |
|-----------------------|-----------------|----------------|--------------|
| PEFY-P06.08.12NMAU-E2 | Ø12.7<br>(1/2)  | Ø6.35<br>(1/4) | PAC-KE97TB-E |
| PEFY-P15.18NMAU-E2    |                 |                | PAC-KE92TB-E |
| PEFY-P24.27.30NMAU-E2 | Ø15.88<br>(5/8) | Ø9.52<br>(3/8) | PAC-KE93TB-E |
| PEFY-P36.48NMAU-E2    |                 |                | PAC-KE94TB-E |
| PEFY-P54NMAU-E2       |                 |                | PAC-KE95TB-E |

| Model                 | A                 | B                 | C                  | D                 | E  | F                 | G                 | H               | J                 |
|-----------------------|-------------------|-------------------|--------------------|-------------------|----|-------------------|-------------------|-----------------|-------------------|
| PEFY-P06.08,12NMAU-E2 | 700<br>(27-9/16)  | 754<br>(29-11/16) | 800<br>(31-1/2)    | 660<br>(26)       | 7  | 600<br>(23-5/8)   | 658<br>(25-15/16) | 7<br>(23-5/8)   | 600<br>(23-5/8)   |
| PEFY-P15,18NMAU-E2    | 900<br>(35-7/16)  | 954<br>(37-9/16)  | 1000<br>(39-3/8)   | 860<br>(33-7/8)   | 9  | 800<br>(31-1/2)   | 858<br>(33-3/16)  | 9<br>(31-1/2)   | 800<br>(31-1/2)   |
| PEFY-P24,27,30NMAU-E2 | 1100<br>(43-5/16) | 1154<br>(45-7/16) | 1200<br>(47-1/4)   | 1060<br>(41-3/4)  | 11 | 1000<br>(39-3/8)  | 1058<br>(41-1/16) | 11<br>(39-3/8)  | 1000<br>(39-3/8)  |
| PEFY-P36,48NMAU-E2    | 1400<br>(55-7/8)  | 1454<br>(57-1/4)  | 1500<br>(59-1/16)  | 1360<br>(53-9/16) | 14 | 1300<br>(51-3/16) | 1358<br>(53-1/2)  | 14<br>(51-3/16) | 1300<br>(51-3/16) |
| PEFY-P54NMAU-E2       | 1600<br>(63)      | 1654<br>(65-1/8)  | 1700<br>(66-15/16) | 1560<br>(61-7/16) | 16 | 1500<br>(59-1/16) | 1558<br>(61-3/8)  | 16<br>(59-1/16) | 1500<br>(59-1/16) |

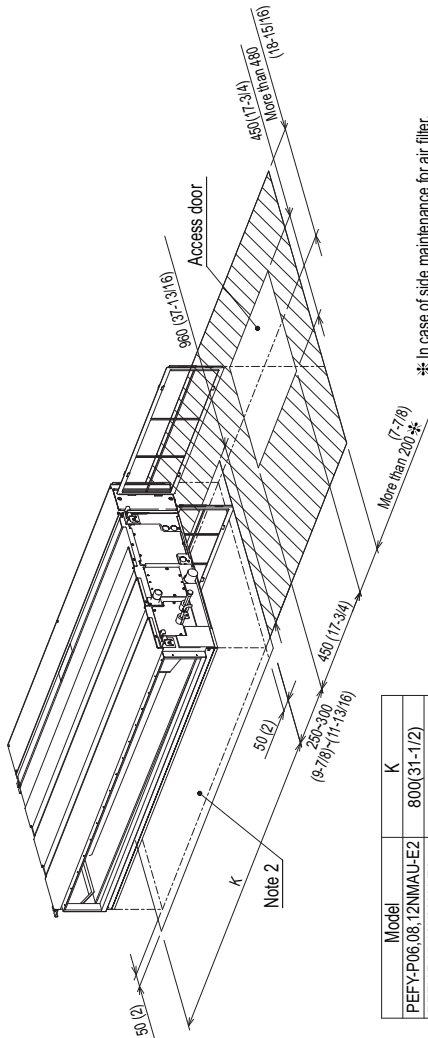
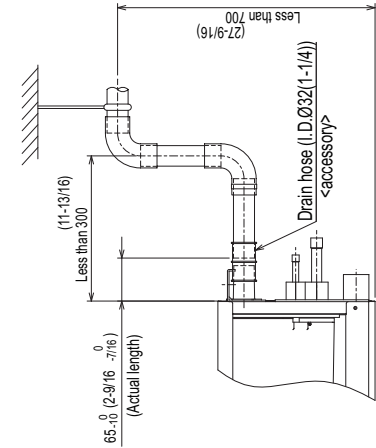
<Suction filter box built-in specification>



PEFY-NMAU

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2 with filter box

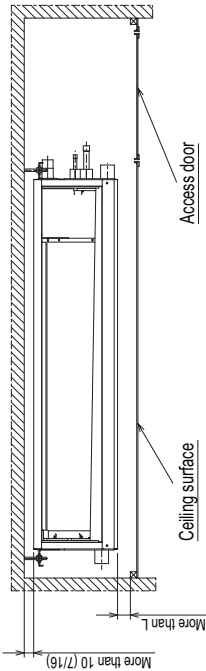
Unit : mm(in.)



| Model                 | K              |
|-----------------------|----------------|
| PEFY-P06,08,12NMAU-E2 | 800(31-1/2)    |
| PEFY-P15,18NMAU-E2    | 1000(39-3/8)   |
| PEFY-P24,27,30NMAU-E2 | 1200(47-1/4)   |
| PEFY-P36,48NMAU-E2    | 1500(59-1/16)  |
| PEFY-P54NMAU-E2       | 1700(66-15/16) |

※ In case of side maintenance for air filter.

Required space for service and maintenance



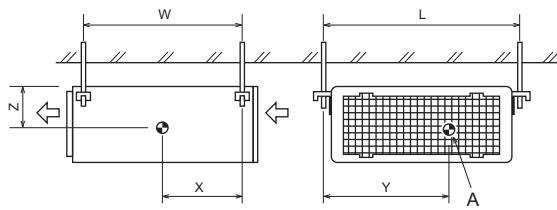
| Maintenance type for air filter | L          |
|---------------------------------|------------|
| Side maintenance                | 20(13/16)  |
| Under maintenance               | 250(9-7/8) |

Make the access door at the appointed position properly for service maintenance.

<Suction filter box built-in specification>



PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2



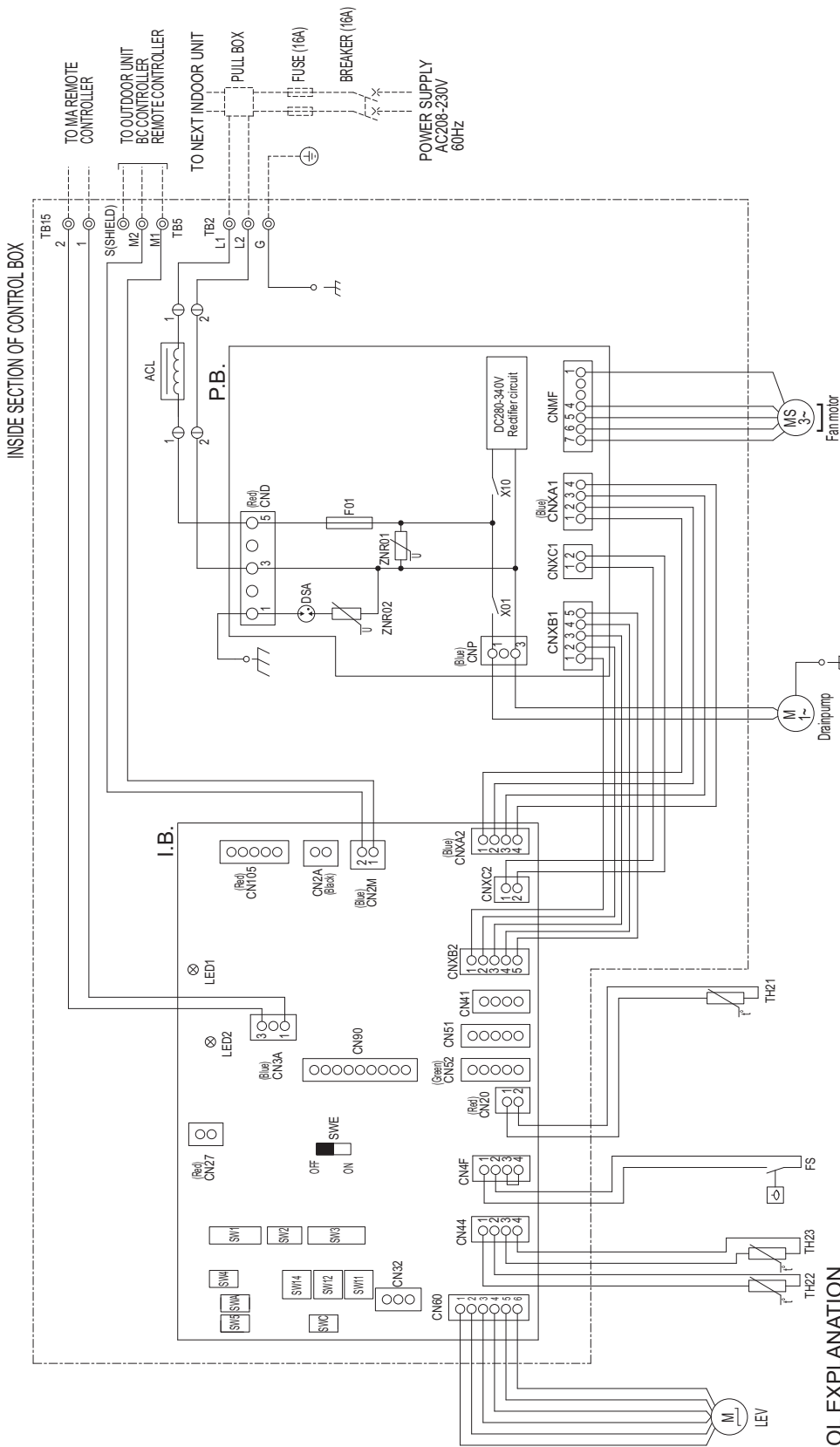
A : Center of gravity

(mm)[in]

| Model name      | W               | L                | X                | Y                | Z              |
|-----------------|-----------------|------------------|------------------|------------------|----------------|
| PEFY-P06NMAU-E2 | 643 [25 - 6/16] | 754 [29 - 11/16] | 330 [13]         | 300 [11 - 13/16] | 130 [5 - 2/16] |
| PEFY-P08NMAU-E2 | 643 [25 - 6/16] | 754 [29 - 11/16] | 330 [13]         | 300 [11 - 13/16] | 130 [5 - 2/16] |
| PEFY-P12NMAU-E2 | 643 [25 - 6/16] | 754 [29 - 11/16] | 330 [13]         | 300 [11 - 13/16] | 130 [5 - 2/16] |
| PEFY-P15NMAU-E2 | 643 [25 - 6/16] | 954 [37 - 9/16]  | 340 [13 - 7/16]  | 375 [14 - 13/16] | 130 [5 - 2/16] |
| PEFY-P18NMAU-E2 | 643 [25 - 6/16] | 954 [37 - 9/16]  | 340 [13 - 7/16]  | 375 [14 - 13/16] | 130 [5 - 2/16] |
| PEFY-P24NMAU-E2 | 643 [25 - 6/16] | 1154 [45 - 7/16] | 325 [12 - 13/16] | 525 [20 - 11/16] | 130 [5 - 2/16] |
| PEFY-P27NMAU-E2 | 643 [25 - 6/16] | 1154 [45 - 7/16] | 325 [12 - 13/16] | 525 [20 - 11/16] | 130 [5 - 2/16] |
| PEFY-P30NMAU-E2 | 643 [25 - 6/16] | 1154 [45 - 7/16] | 325 [12 - 13/16] | 525 [20 - 11/16] | 130 [5 - 2/16] |
| PEFY-P36NMAU-E2 | 643 [25 - 6/16] | 1454 [57 - 4/16] | 330 [13]         | 675 [26 - 10/16] | 130 [5 - 2/16] |
| PEFY-P48NMAU-E2 | 643 [25 - 6/16] | 1454 [57 - 4/16] | 330 [13]         | 675 [26 - 10/16] | 130 [5 - 2/16] |
| PEFY-P54NMAU-E2 | 643 [25 - 6/16] | 1654 [65 - 2/16] | 332 [13 - 2/16]  | 725 [28 - 9/16]  | 130 [5 - 2/16] |

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2

PEFY-NMAU

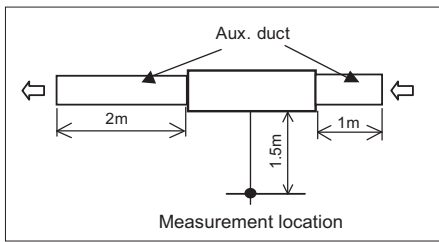


NOTE: 1. Symbols used in wiring diagram above are,  
①: Connector  
○: terminal  
--- (Heavy dotted line): Field wiring  
2. Use copper supply wire.

| SYMBOL EXPLANATION |                                      |                                                  |
|--------------------|--------------------------------------|--------------------------------------------------|
| SYMBOL             | NAME                                 | NAME                                             |
| I.B.               | Indoor controller board              | SW4(L.B.) Switch (for mode selection)            |
| P.B.               | Power supply board                   | SW5(L.B.) Switch (for mode selection)            |
| TB2                | Power source terminal block          | SW11(L.B.) Switch (1s digit address set)         |
| TB5                | Transmission terminal block          | SW12(L.B.) Switch (10ths digit address set)      |
| TB15               | Transmission terminal block          | SW14(L.B.) Switch (BRANCH No.)                   |
| F01                | Fuse AC250V 6.3A                     | SWA(L.B.) Switch (for static pressure selection) |
| ZNR01 02           | Varistor                             | SWC(L.B.) Switch (emergency operation)           |
| DSA                | Arrestor                             | SWE(L.B.) Connector (Power supply)               |
| X01                | Aux. relay                           | LED1 LED(Remote controller supply)               |
| X10                | Aux. relay                           |                                                  |
| ACL                | AC reactor(Power factor improvement) |                                                  |
| CN27               | Connector (Damper)                   |                                                  |
| CN32               | Connector (Remote switch)            |                                                  |

## 5-1. Sound levels

PEFY-P-NMAU-E2



\* Measured in anechoic room.

Sound level at anechoic room : Low-Mid-High

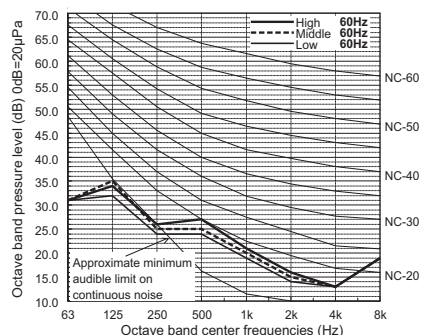
| Model           | Sound level dB(A) |          |          |          |          |
|-----------------|-------------------|----------|----------|----------|----------|
|                 | 35Pa              | 50Pa     | 70Pa     | 100Pa    | 150Pa    |
| PEFY-P06NMAU-E2 | 26-27-28          | 26-28-29 | 26-29-31 | 27-30-33 | 28-33-37 |
| PEFY-P08NMAU-E2 | 26-27-28          | 26-28-29 | 26-29-31 | 27-30-33 | 28-33-37 |
| PEFY-P12NMAU-E2 | 28-30-34          | 28-30-34 | 29-32-36 | 29-33-37 | 31-35-40 |
| PEFY-P15NMAU-E2 | 28-30-34          | 28-30-34 | 29-32-36 | 29-33-37 | 32-36-40 |
| PEFY-P18NMAU-E2 | 28-31-35          | 28-32-35 | 29-33-37 | 30-34-38 | 32-37-41 |
| PEFY-P24NMAU-E2 | 30-33-38          | 30-34-39 | 31-35-39 | 32-37-40 | 34-39-43 |
| PEFY-P27NMAU-E2 | 30-33-38          | 30-34-39 | 31-35-39 | 32-37-40 | 34-39-43 |
| PEFY-P30NMAU-E2 | 30-33-38          | 30-34-39 | 31-35-39 | 32-37-40 | 34-39-43 |
| PEFY-P36NMAU-E2 | 31-36-40          | 32-37-41 | 33-38-42 | 35-39-43 | 37-42-45 |
| PEFY-P48NMAU-E2 | 35-40-44          | 35-40-44 | 37-41-45 | 38-42-46 | 39-44-47 |
| PEFY-P54NMAU-E2 | 36-41-45          | 36-41-45 | 38-42-46 | 39-43-47 | 40-45-48 |

## 5-2. NC curves

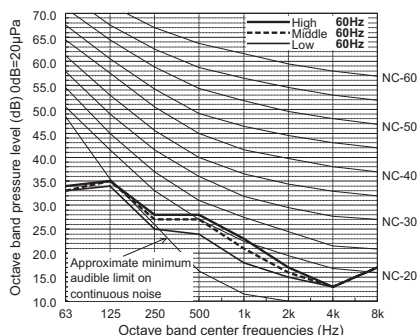
PEFY-NMAU

**PEFY-P06,08NMAU-E2**

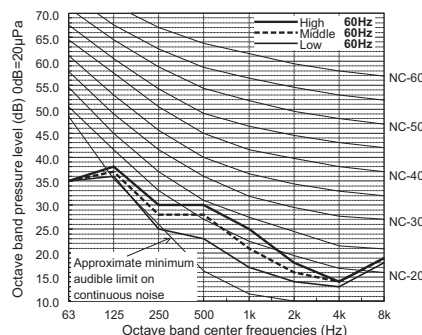
External Static Pressure: 35Pa [0.14 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P06,08NMAU-E2**

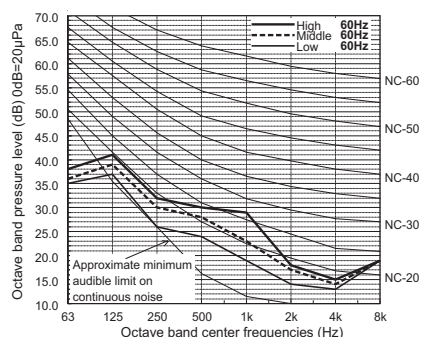
External Static Pressure: 50Pa [0.20 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P06,08NMAU-E2**

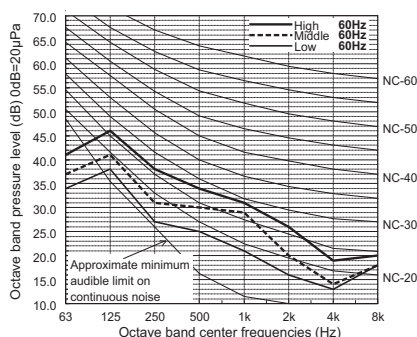
External Static Pressure: 70Pa [0.28 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P06,08NMAU-E2**

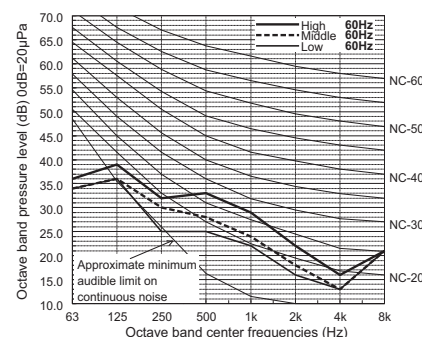
External Static Pressure: 100Pa [0.40 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P06,08NMAU-E2**

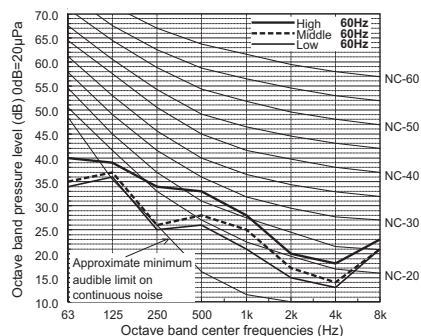
External Static Pressure: 150Pa [0.60 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P12NMAU-E2**

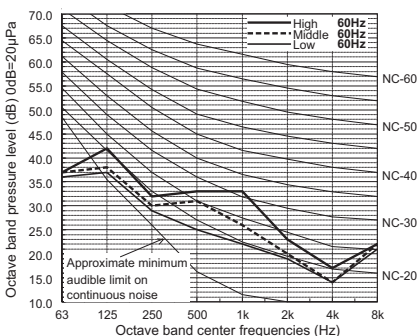
External Static Pressure: 35Pa [0.14 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P12NMAU-E2**

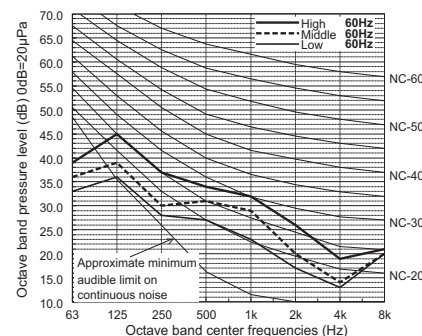
External Static Pressure: 50Pa [0.20 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P12NMAU-E2**

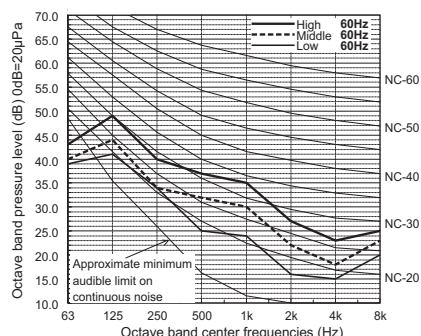
External Static Pressure: 70Pa [0.28 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P12NMAU-E2**

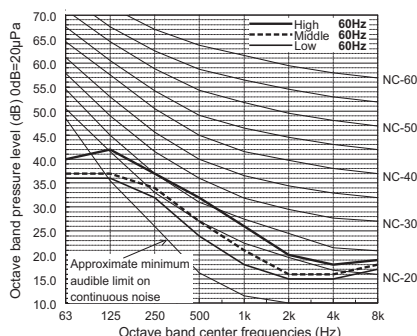
External Static Pressure: 100Pa [0.40 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P12NMAU-E2**

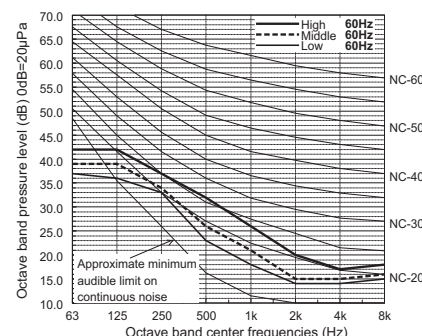
External Static Pressure: 150Pa [0.60 in.WG]  
Power Source: 208-230V(60Hz)

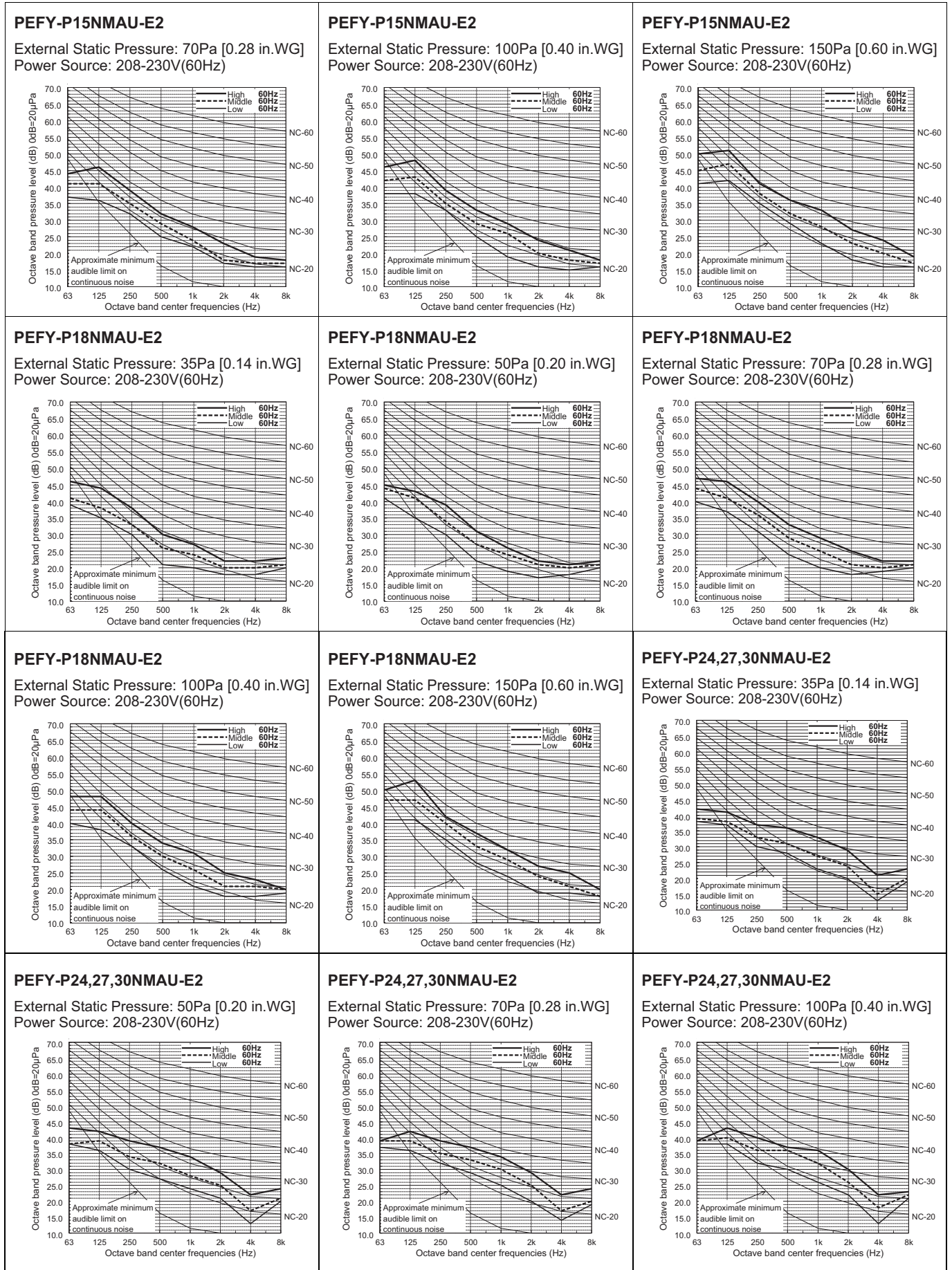
**PEFY-P15NMAU-E2**

External Static Pressure: 35Pa [0.14 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P15NMAU-E2**

External Static Pressure: 50Pa [0.20 in.WG]  
Power Source: 208-230V(60Hz)

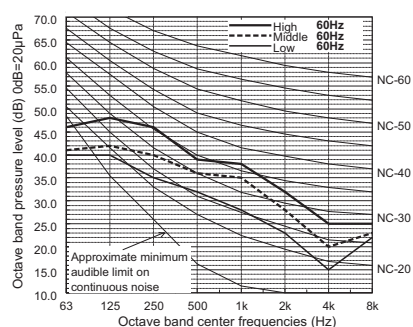




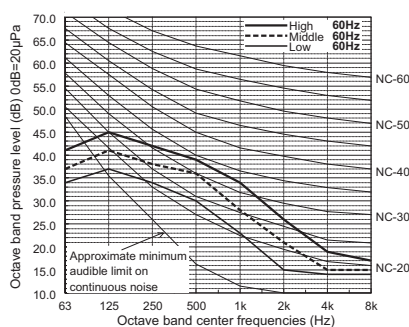


**PEFY-P24,27,30NMAU-E2**

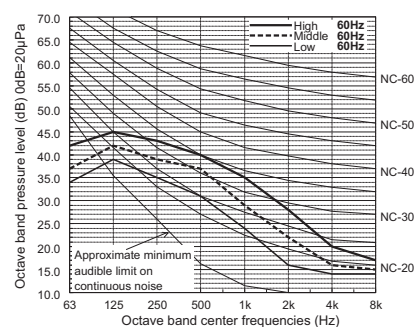
External Static Pressure: 150Pa [0.60 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P36NMAU-E2**

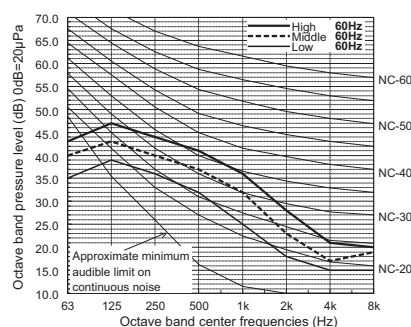
External Static Pressure: 35Pa [0.14 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P36NMAU-E2**

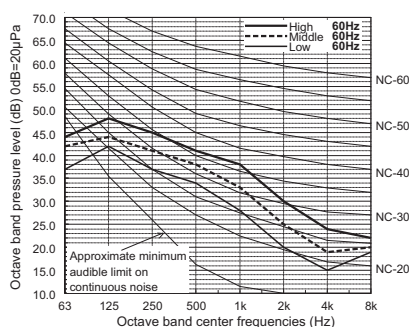
External Static Pressure: 50Pa [0.20 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P36NMAU-E2**

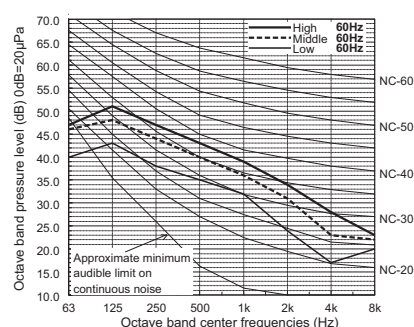
External Static Pressure: 70Pa [0.28 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P36NMAU-E2**

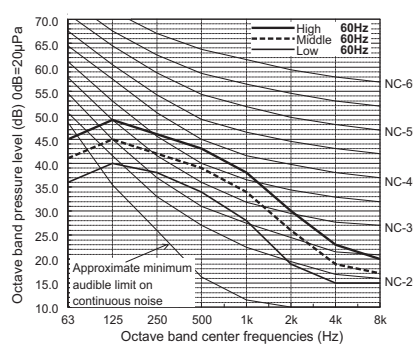
External Static Pressure: 100Pa [0.40 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P36NMAU-E2**

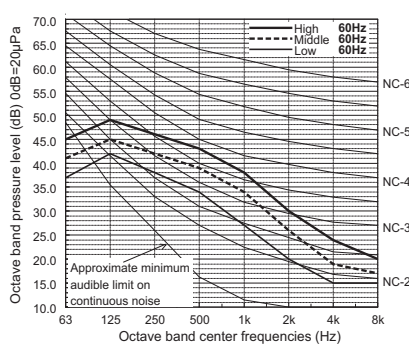
External Static Pressure: 150Pa [0.60 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P48NMAU-E2**

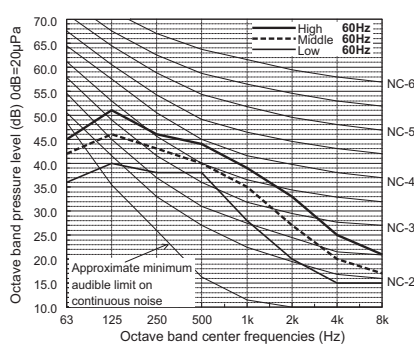
External Static Pressure: 35Pa [0.14 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P48NMAU-E2**

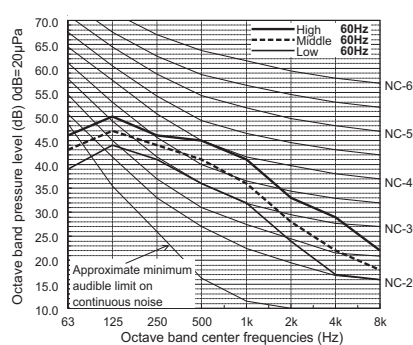
External Static Pressure: 50Pa [0.20 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P48NMAU-E2**

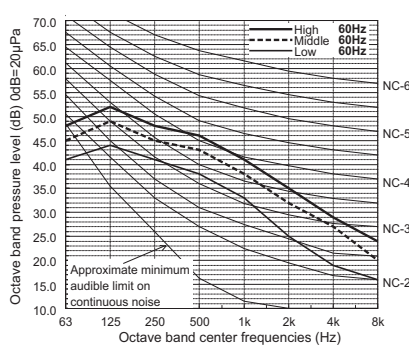
External Static Pressure: 70Pa [0.28 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P48NMAU-E2**

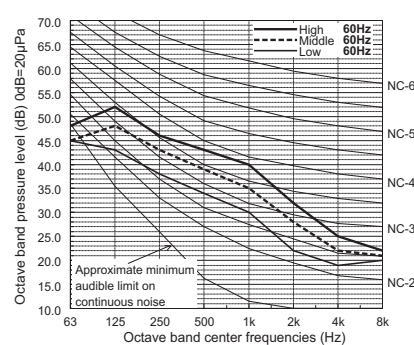
External Static Pressure: 100Pa [0.40 in.WG]  
Power Source: 208-230V(60Hz)

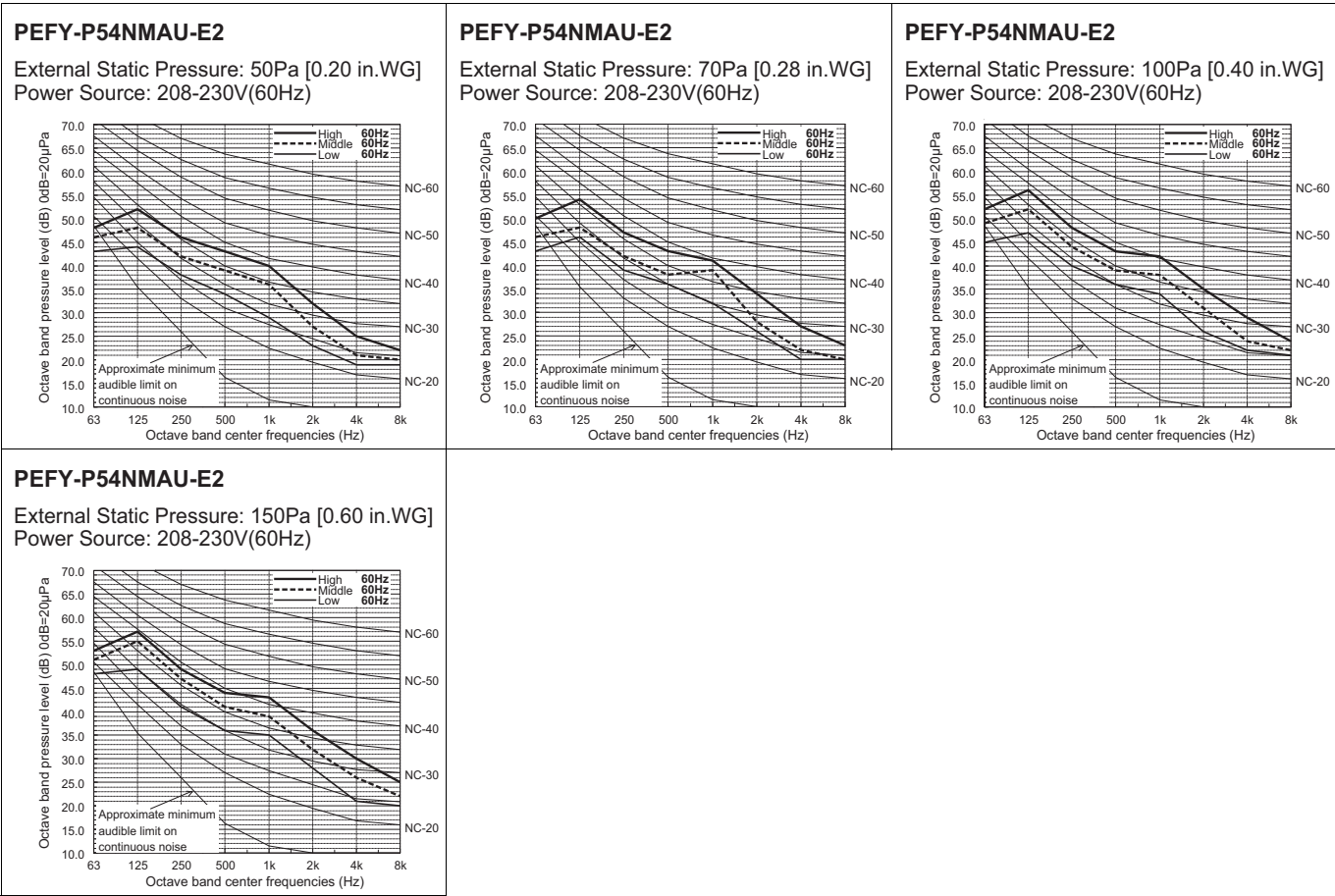
**PEFY-P48NMAU-E2**

External Static Pressure: 150Pa [0.60 in.WG]  
Power Source: 208-230V(60Hz)

**PEFY-P54NMAU-E2**

External Static Pressure: 35Pa [0.14 in.WG]  
Power Source: 208-230V(60Hz)





## 6. FAN CHARACTERISTICS CURVES

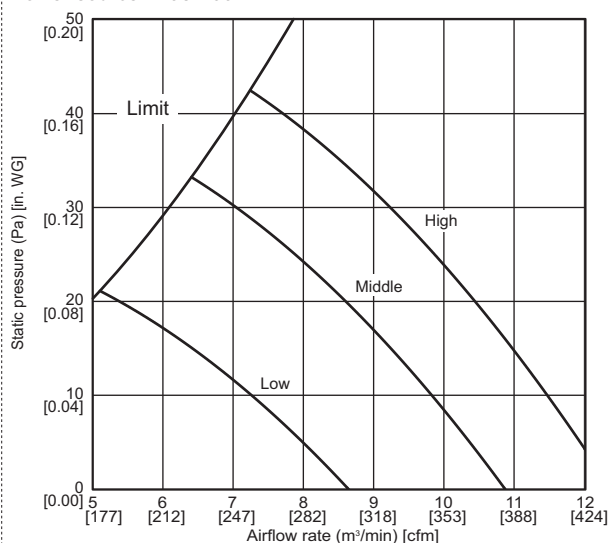
DATA U8

PEFY-NMAU

### PEFY-P06,08NMAU-E2

External static pressure : 35Pa [0.14in.WG]

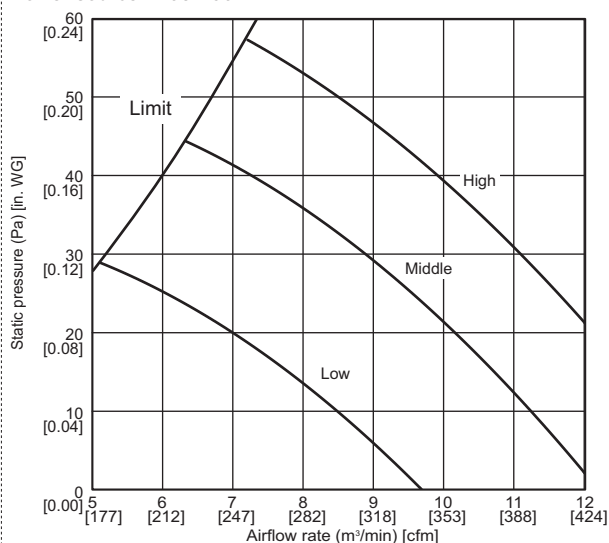
Power source : 208-230V



### PEFY-P06,08NMAU-E2

External static pressure : 50Pa [0.20in.WG]

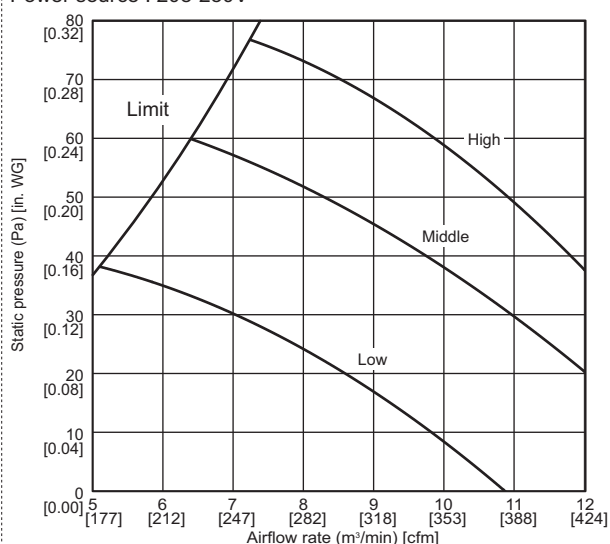
Power source : 208-230V



### PEFY-P06,08NMAU-E2

External static pressure : 70Pa [0.28in.WG]

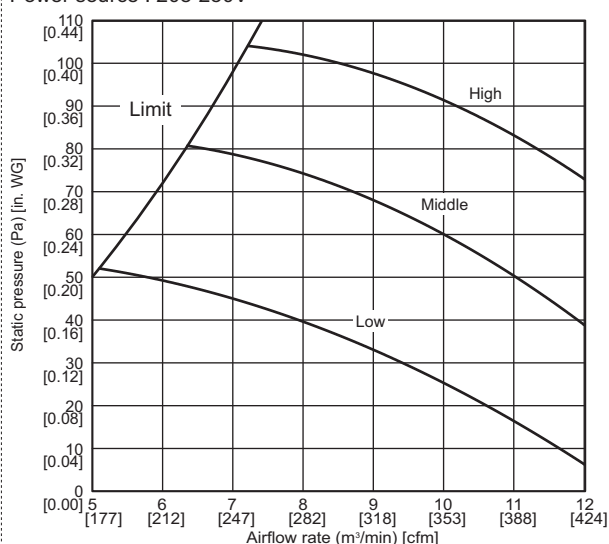
Power source : 208-230V



### PEFY-P06,08NMAU-E2

External static pressure : 100Pa [0.40in.WG]

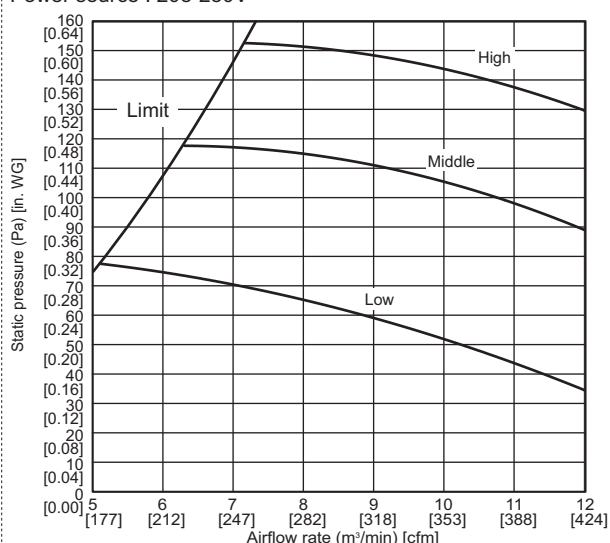
Power source : 208-230V



### PEFY-P06,08NMAU-E2

External static pressure : 150Pa [0.60in.WG]

Power source : 208-230V

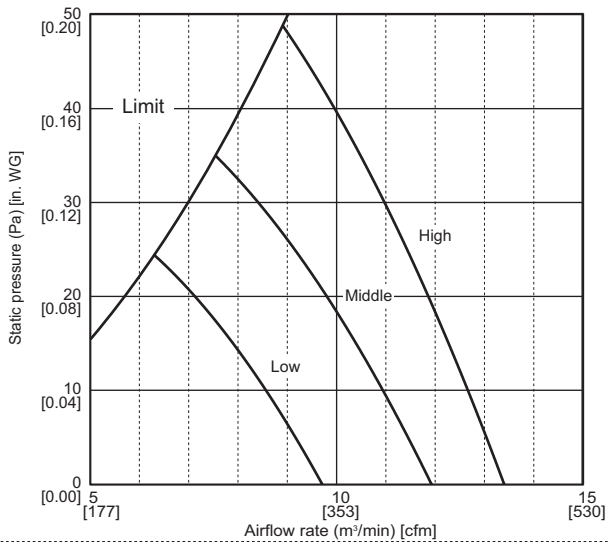




## PEFY-P12NMAU-E2

External static pressure : 35Pa [0.14in.WG]

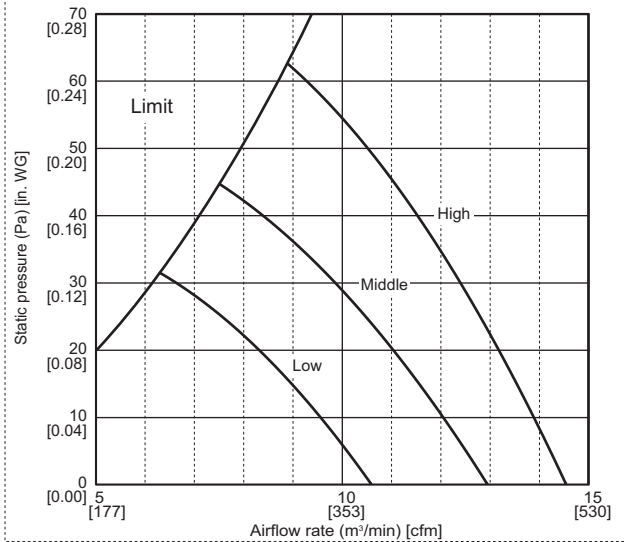
Power source : 208-230V



## PEFY-P12NMAU-E2

External static pressure : 50Pa [0.20in.WG]

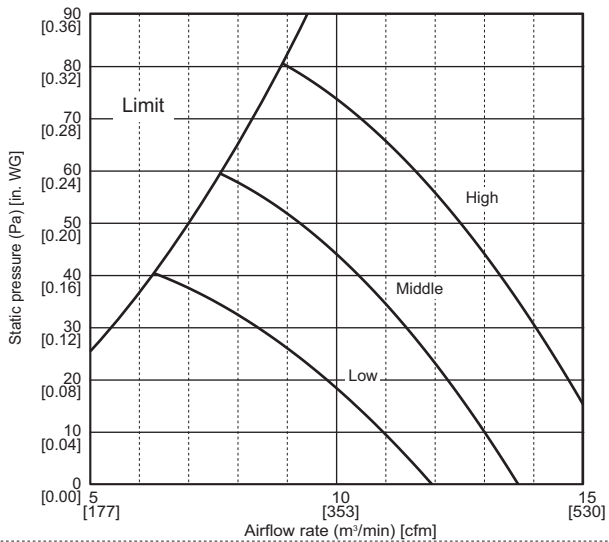
Power source : 208-230V



## PEFY-P12NMAU-E2

External static pressure : 70Pa [0.28in.WG]

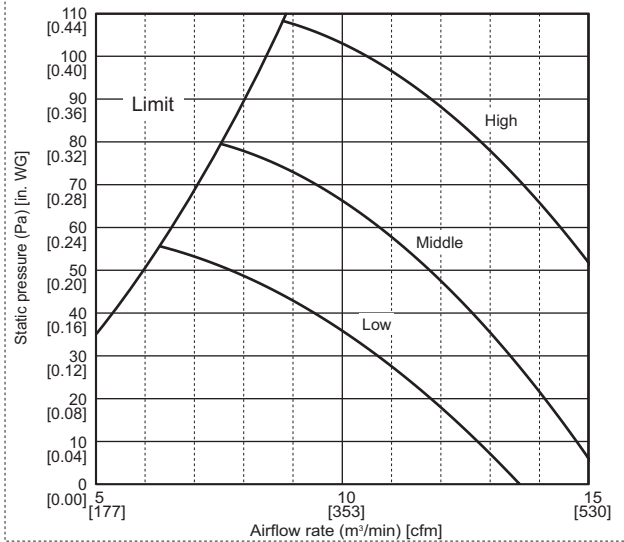
Power source : 208-230V



## PEFY-P12NMAU-E2

External static pressure : 100Pa [0.40in.WG]

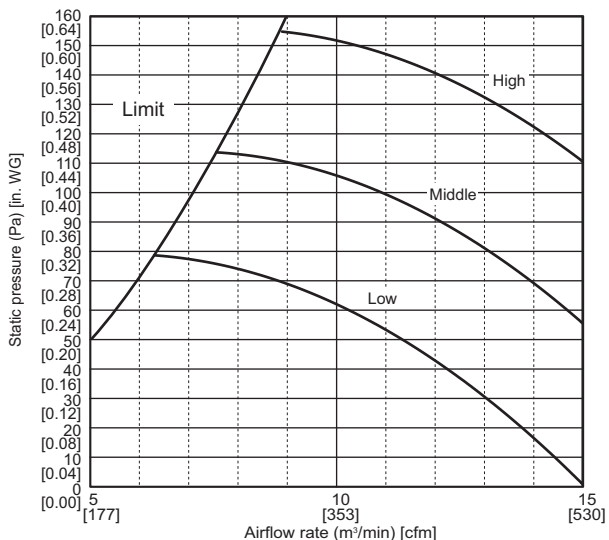
Power source : 208-230V



## PEFY-P12NMAU-E2

External static pressure : 150Pa [0.60in.WG]

Power source : 208-230V



## 6. FAN CHARACTERISTICS CURVES

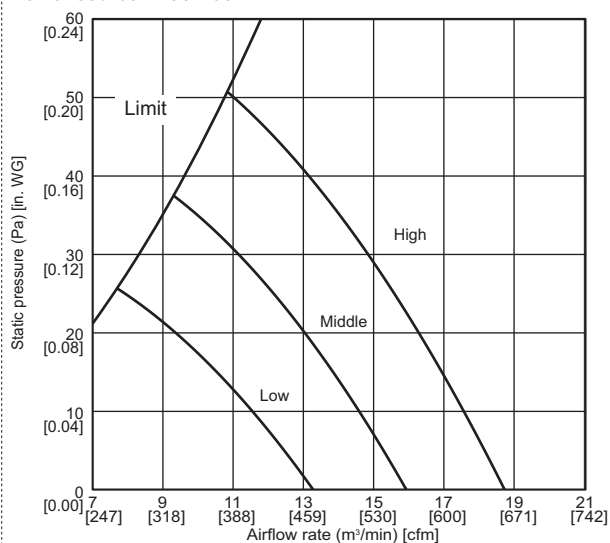
DATA U8

PEFY-NMAU

### PEFY-P15NMAU-E2

External static pressure : 35Pa [0.14in.WG]

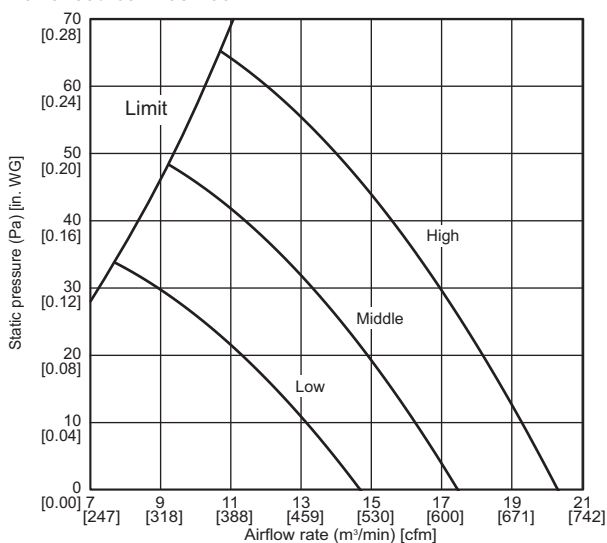
Power source : 208-230V



### PEFY-P15NMAU-E2

External static pressure : 50Pa [0.20in.WG]

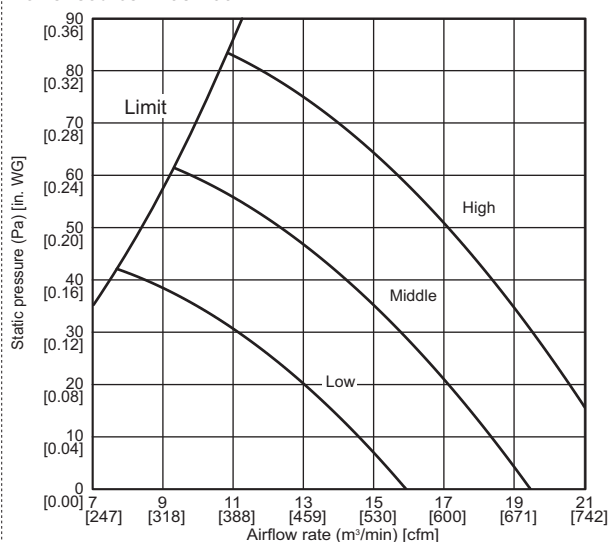
Power source : 208-230V



### PEFY-P15NMAU-E2

External static pressure : 70Pa [0.28in.WG]

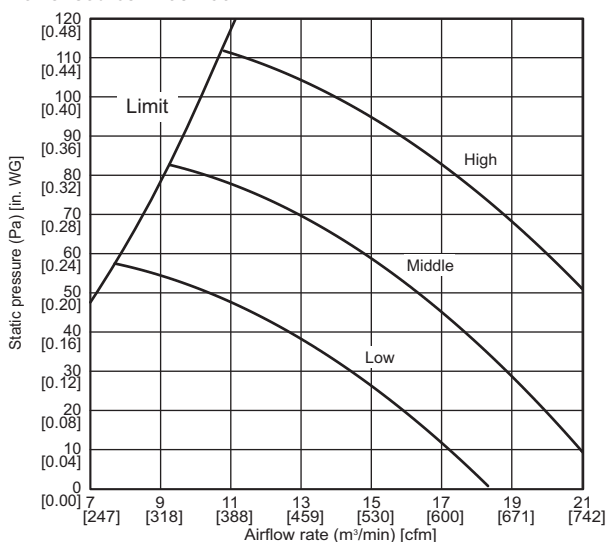
Power source : 208-230V



### PEFY-P15NMAU-E2

External static pressure : 100Pa [0.40in.WG]

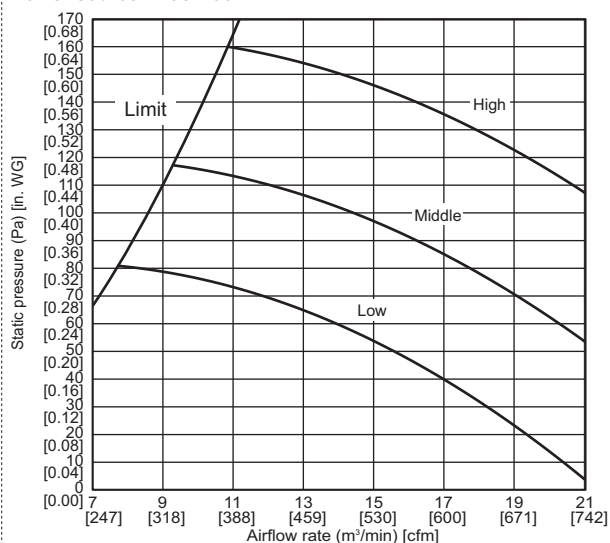
Power source : 208-230V



### PEFY-P15NMAU-E2

External static pressure : 150Pa [0.60in.WG]

Power source : 208-230V



## 6. FAN CHARACTERISTICS CURVES

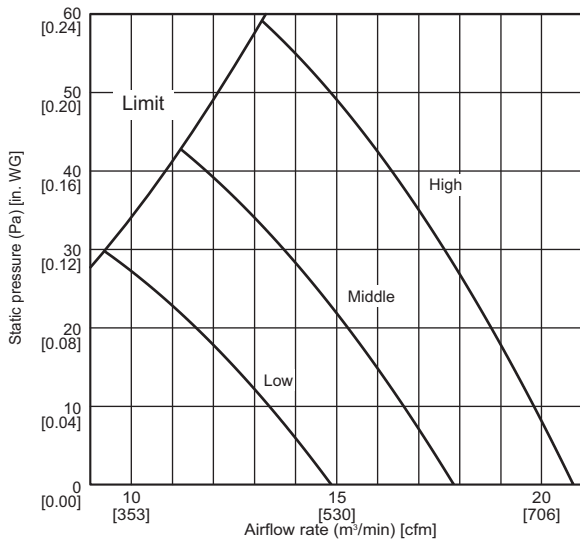
DATA U8

PEFY-NMAU

### PEFY-P18NMAU-E2

External static pressure : 35Pa [0.14in.WG]

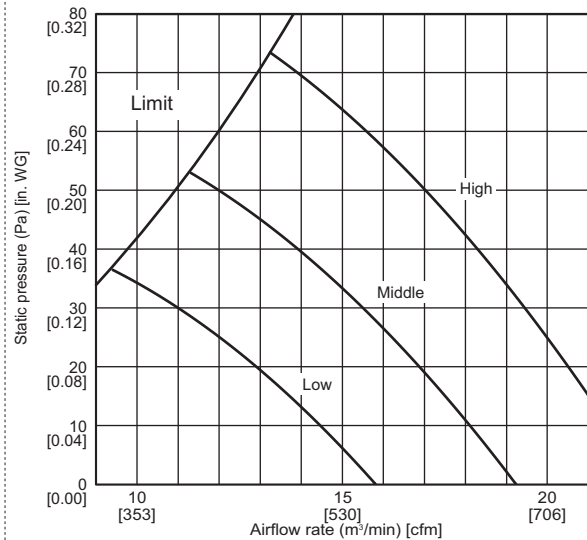
Power source : 208-230V



### PEFY-P18NMAU-E2

External static pressure : 50Pa [0.20in.WG]

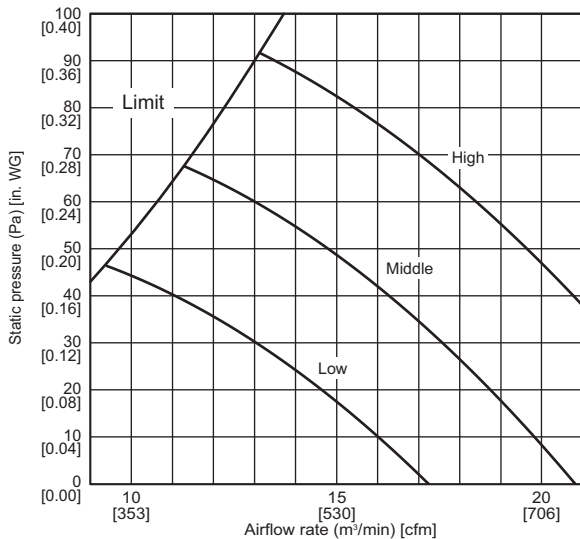
Power source : 208-230V



### PEFY-P18NMAU-E2

External static pressure : 70Pa [0.28in.WG]

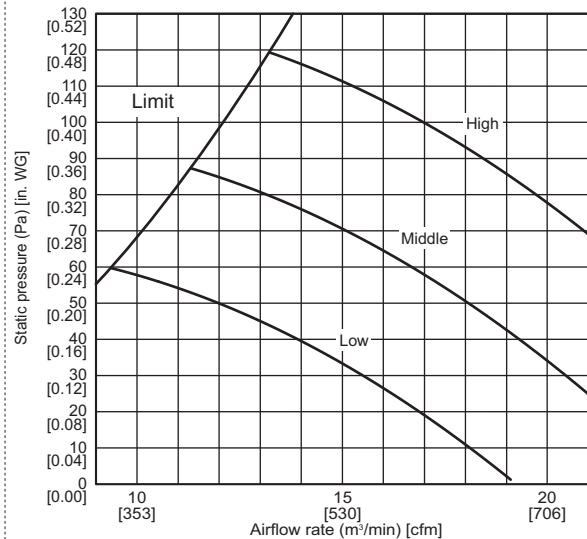
Power source : 208-230V



### PEFY-P18NMAU-E2

External static pressure : 100Pa [0.40in.WG]

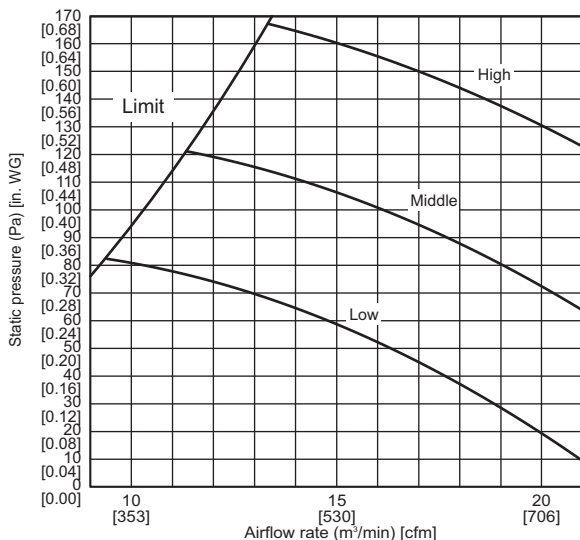
Power source : 208-230V



### PEFY-P18NMAU-E2

External static pressure : 150Pa [0.60in.WG]

Power source : 208-230V



## 6. FAN CHARACTERISTICS CURVES

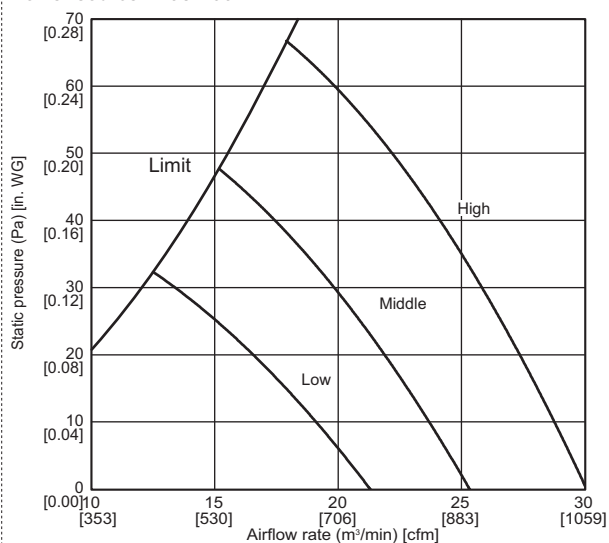
DATA U8

PEFY-NMAU

### PEFY-P24,27,30NMAU-E2

External static pressure : 35Pa [0.14in.WG]

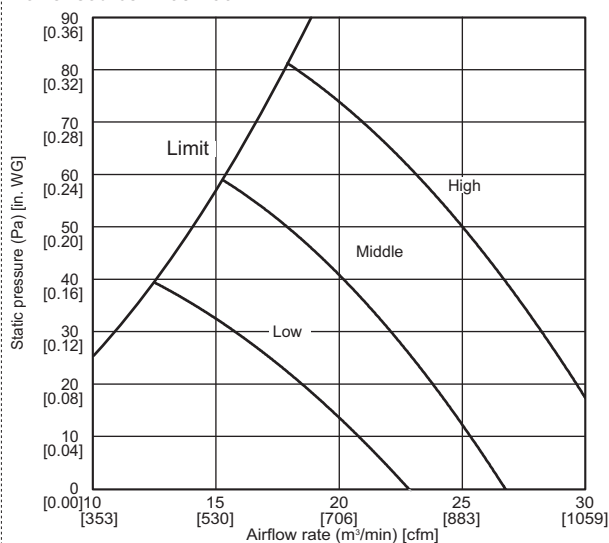
Power source : 208-230V



### PEFY-P24,27,30NMAU-E2

External static pressure : 50Pa [0.20in.WG]

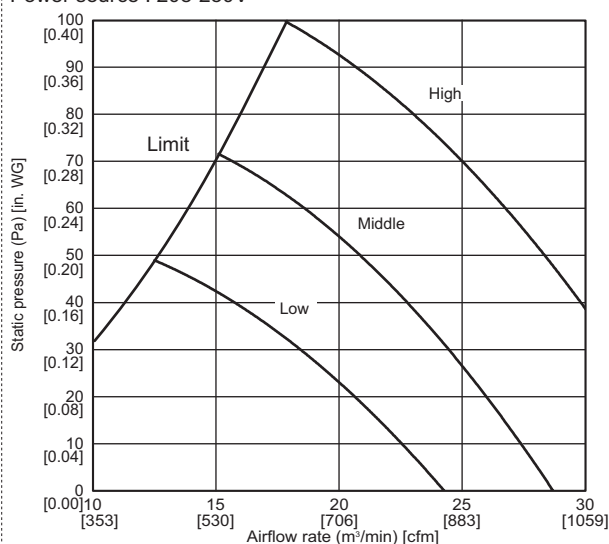
Power source : 208-230V



### PEFY-P24,27,30NMAU-E2

External static pressure : 70Pa [0.28in.WG]

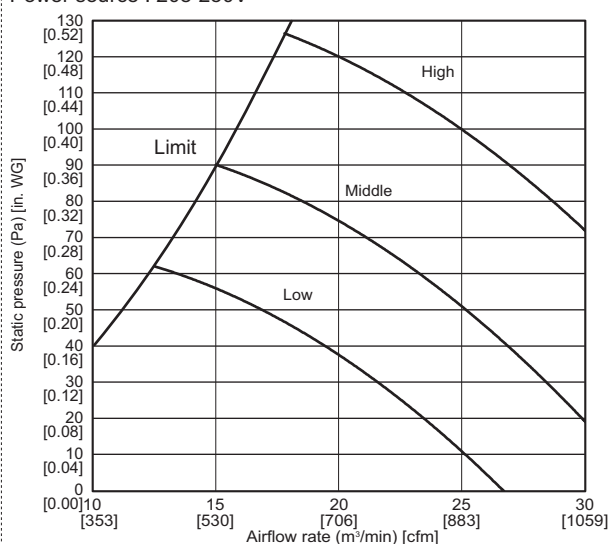
Power source : 208-230V



### PEFY-P24,27,30NMAU-E2

External static pressure : 100Pa [0.40in.WG]

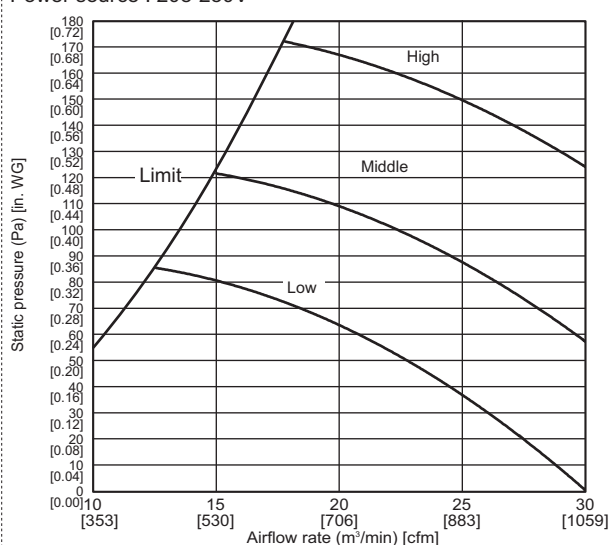
Power source : 208-230V



### PEFY-P24,27,30NMAU-E2

External static pressure : 150Pa [0.60in.WG]

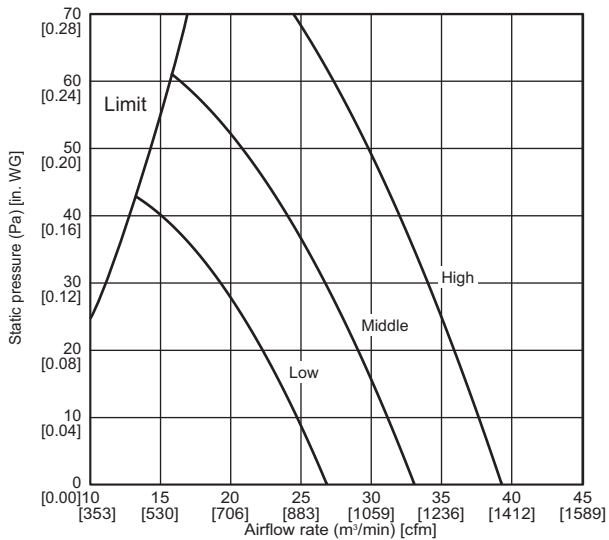
Power source : 208-230V



## PEFY-P36NMAU-E2

External static pressure : 35Pa [0.14in.WG]

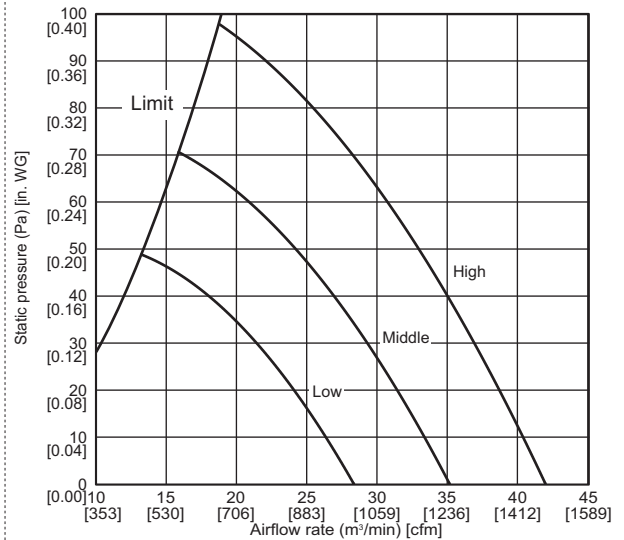
Power source : 208-230V



## PEFY-P36NMAU-E2

External static pressure : 50Pa [0.20in.WG]

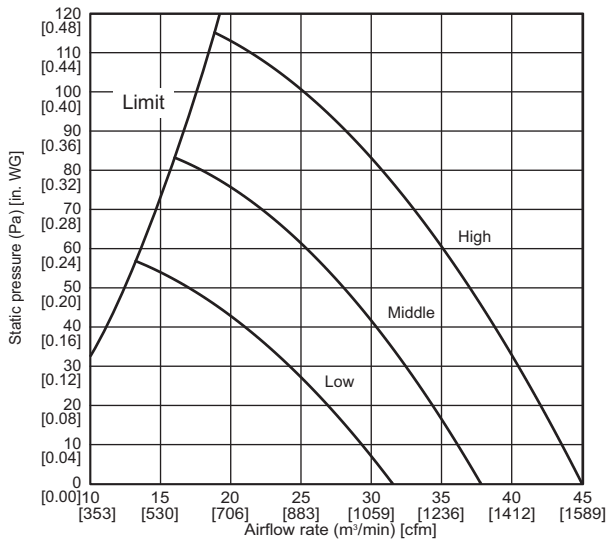
Power source : 208-230V



## PEFY-P36NMAU-E2

External static pressure : 70Pa [0.28in.WG]

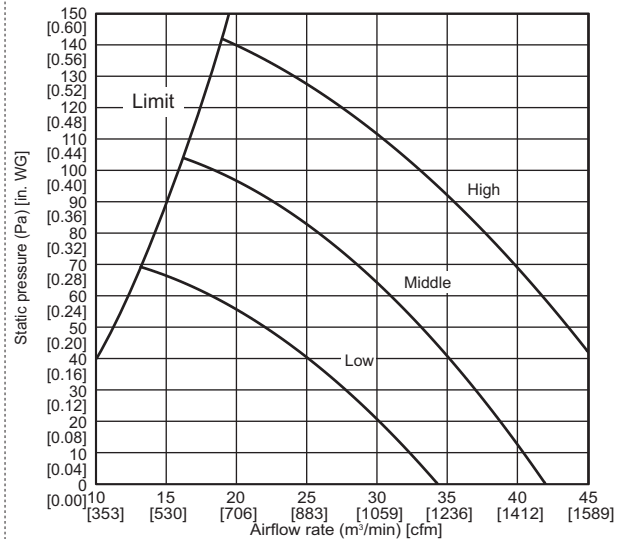
Power source : 208-230V



## PEFY-P36NMAU-E2

External static pressure : 100Pa [0.40in.WG]

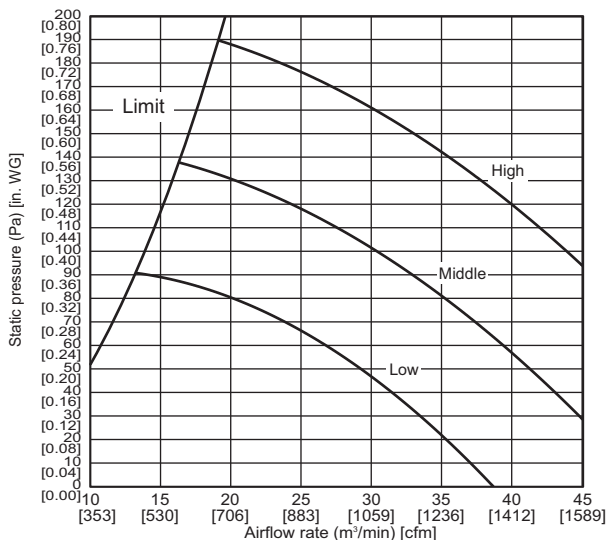
Power source : 208-230V



## PEFY-P36NMAU-E2

External static pressure : 150Pa [0.60in.WG]

Power source : 208-230V



## 6. FAN CHARACTERISTICS CURVES

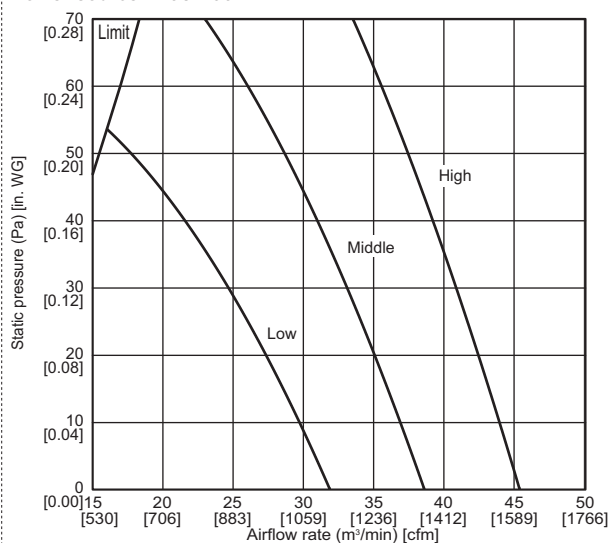
DATA U8

PEFY-NMAU

### PEFY-P48NMAU-E2

External static pressure : 35Pa [0.14in.WG]

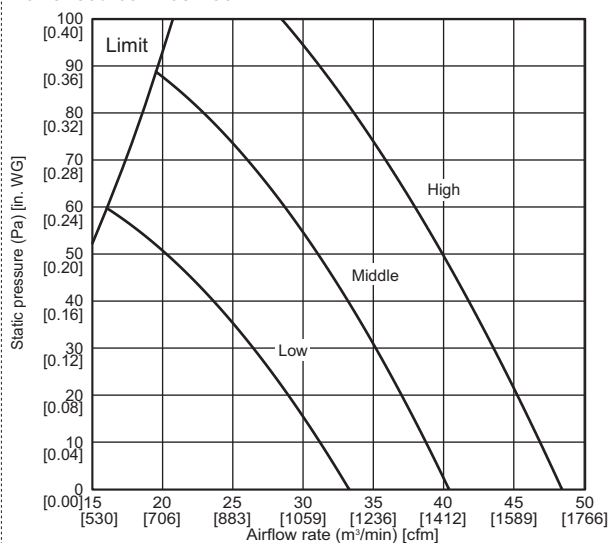
Power source : 208-230V



### PEFY-P48NMAU-E2

External static pressure : 50Pa [0.20in.WG]

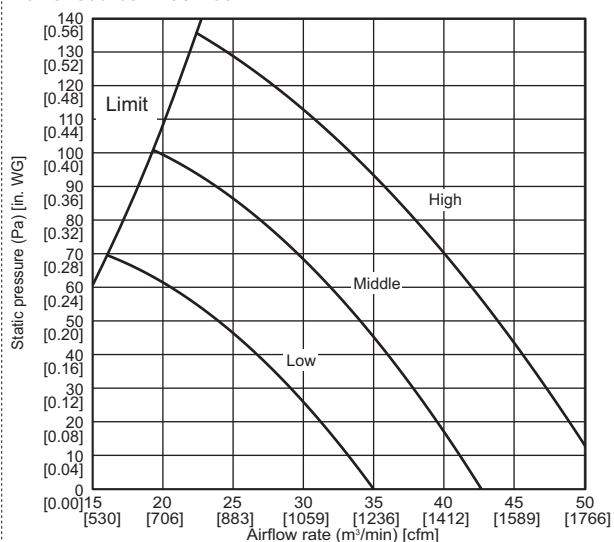
Power source : 208-230V



### PEFY-P48NMAU-E2

External static pressure : 70Pa [0.28in.WG]

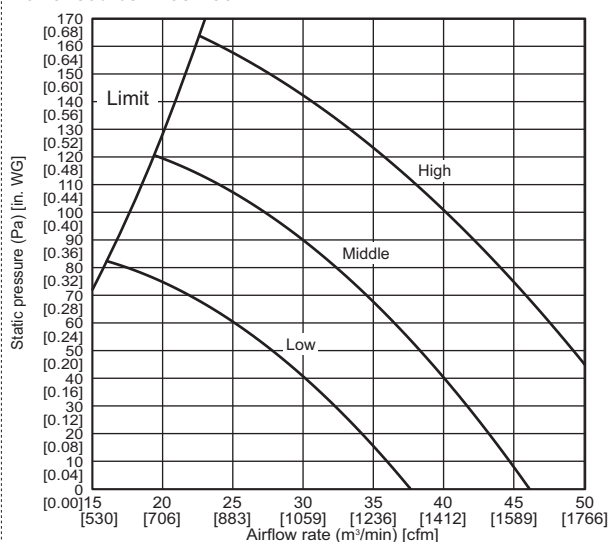
Power source : 208-230V



### PEFY-P48NMAU-E2

External static pressure : 100Pa [0.40in.WG]

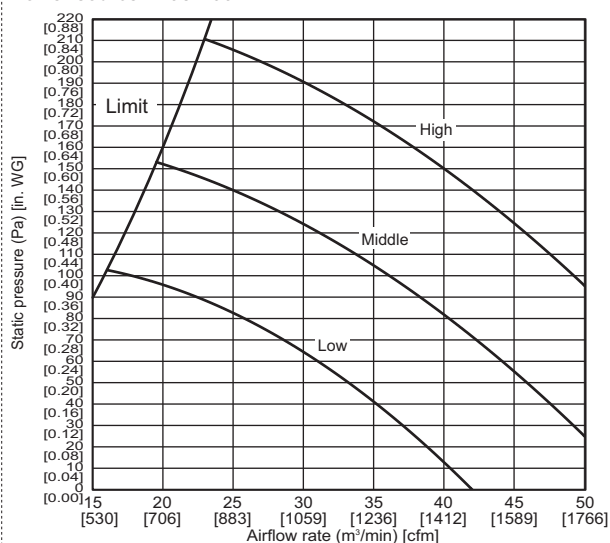
Power source : 208-230V



### PEFY-P48NMAU-E2

External static pressure : 150Pa [0.60in.WG]

Power source : 208-230V

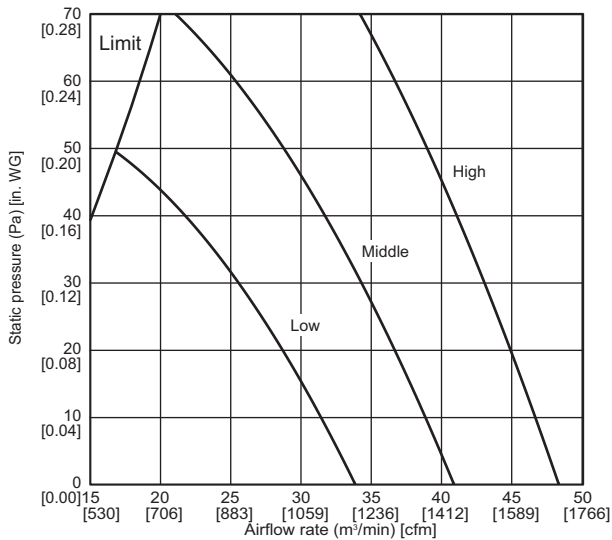




## PEFY-P54NMAU-E2

External static pressure : 35Pa [0.14in.WG]

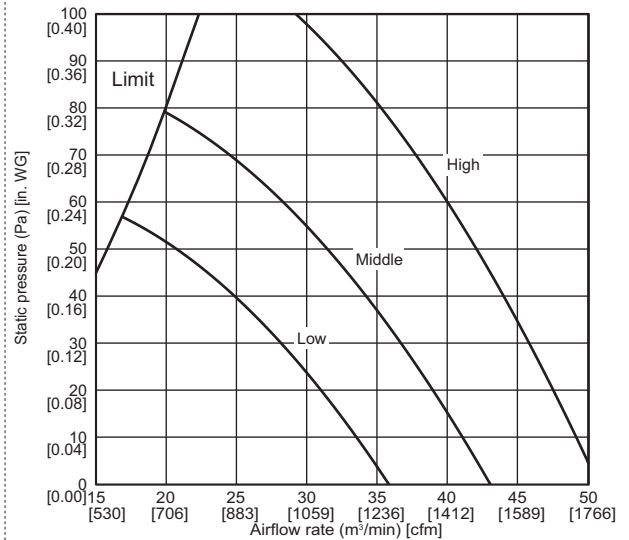
Power source : 208-230V



## PEFY-P54NMAU-E2

External static pressure : 50Pa [0.20in.WG]

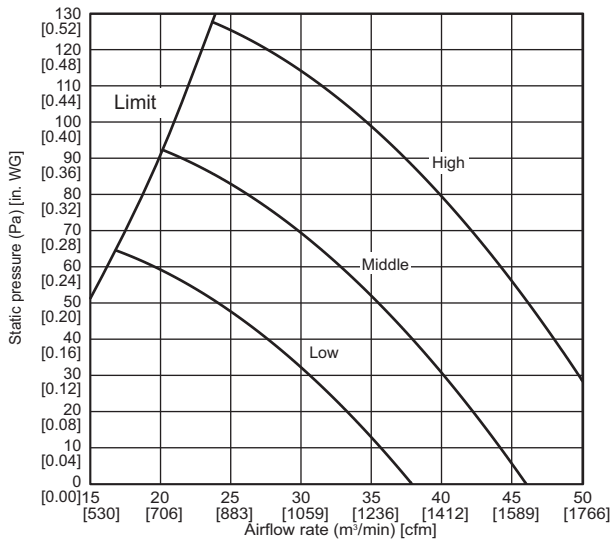
Power source : 208-230V



## PEFY-P54NMAU-E2

External static pressure : 70Pa [0.28in.WG]

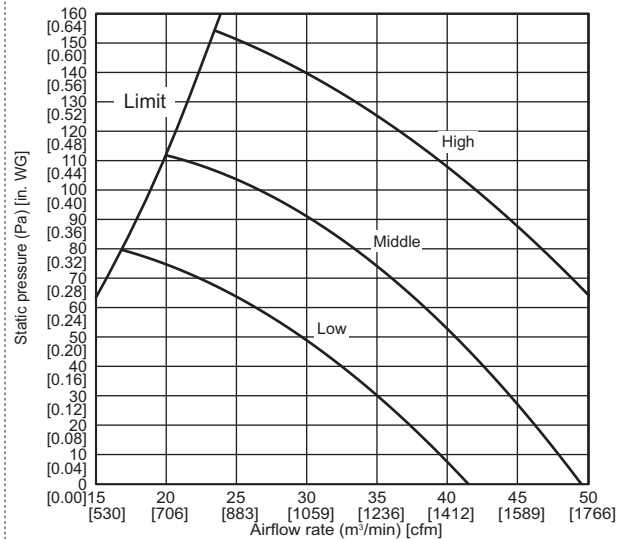
Power source : 208-230V



## PEFY-P54NMAU-E2

External static pressure : 100Pa [0.40in.WG]

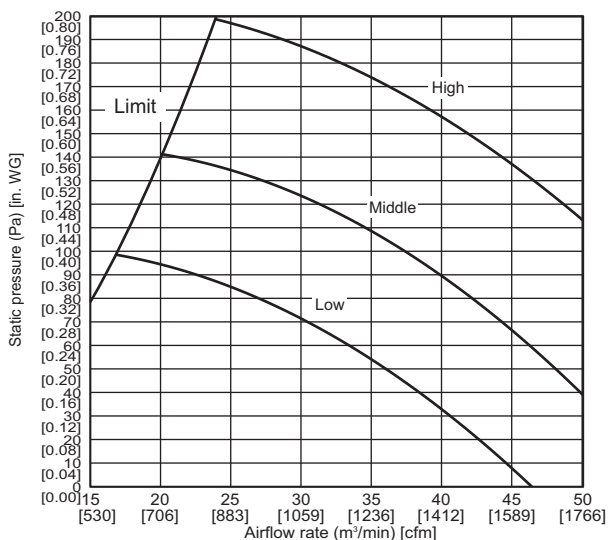
Power source : 208-230V



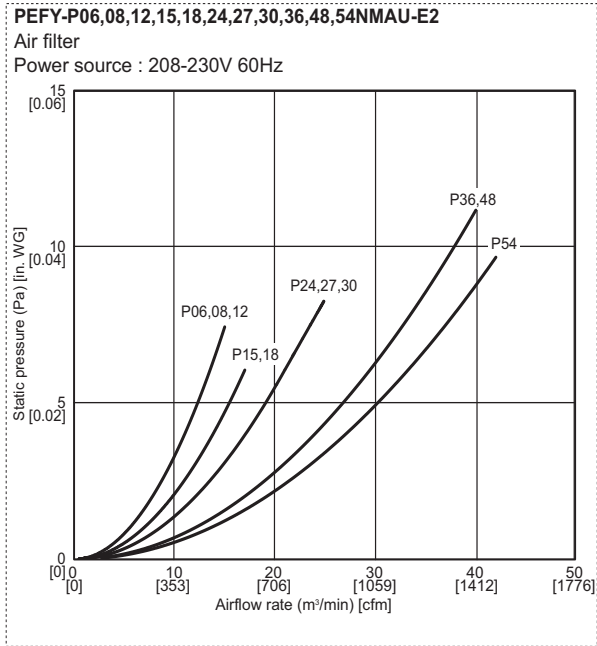
## PEFY-P54NMAU-E2

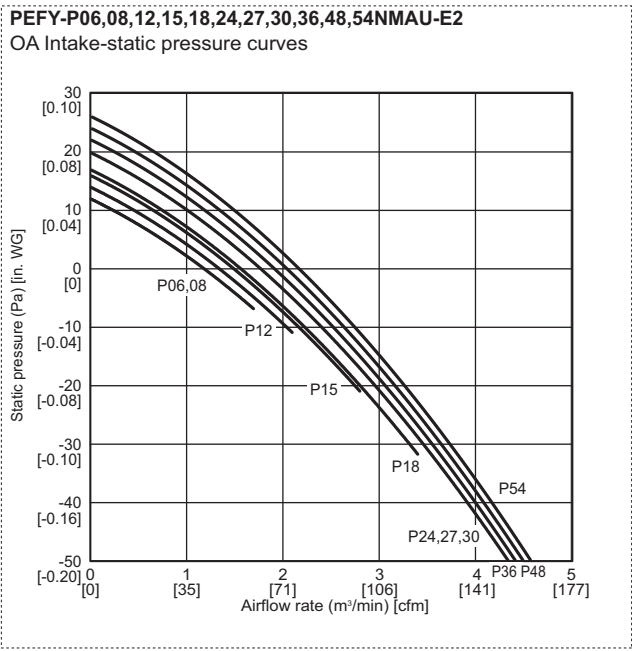
External static pressure : 150Pa [0.60in.WG]

Power source : 208-230V



Air filter static pressure cuves



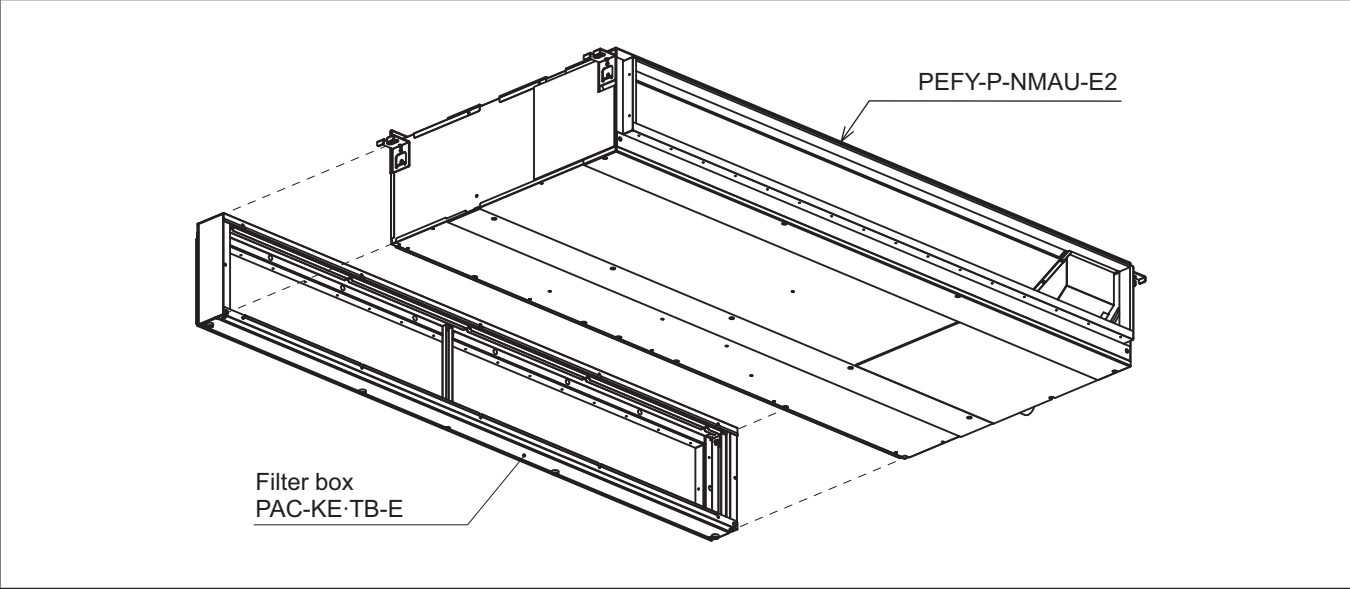


PEFY-NMAU

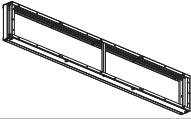
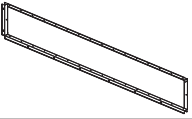
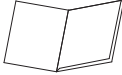
8-1. Optional parts line up for the Indoor unit

|                         | Filter box   | External heater adapter |
|-------------------------|--------------|-------------------------|
| PEFY-P06, 08, 12NMAU-E2 | PAC-KE91TB-E | PAC-YU25HT              |
| PEFY-P15, 18NMAU-E2     | PAC-KE92TB-E | PAC-YU25HT              |
| PEFY-P24, 27, 30NMAU-E2 | PAC-KE93TB-E | PAC-YU25HT              |
| PEFY-P36,48NMAU-E2      | PAC-KE94TB-E | PAC-YU25HT              |
| PEFY-P54NMAU-E2         | PAC-KE95TB-E | PAC-YU25HT              |

● PEFY-P-NMAU-E2



8-2. Filter box

| PAC-KE-TB-E |                                                                                     |                                                                                     |                                                                                     |                                                                                       |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| Item        | 1 Screw                                                                             | 2 Filter box                                                                        | 3 FLANGE                                                                            | 4 Installation manual                                                                 |  |
| Quantity    | 30                                                                                  | 1                                                                                   | 1                                                                                   | 1                                                                                     |  |
| Shape       |  |  |  |  |  |

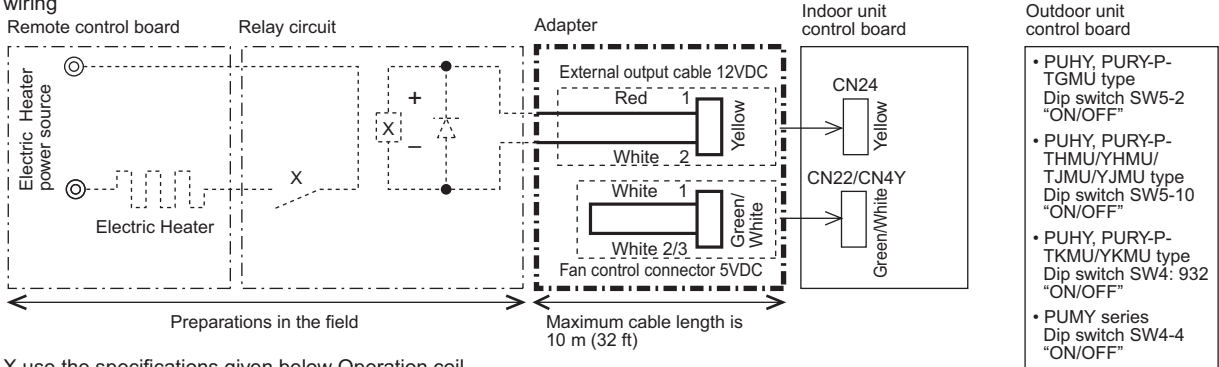
Detailed installation information should be referred to its Installation Manual (WT05704X01)

8-3. External heater adapter

External heater adapter PAC-YU25HT is a set of special wiring parts for controlling the electric heater\* with the air conditioner system.  
\*The electric heater should be designed and prepared at the site.

A basic connection method is shown as follows:(For details, refer to its Installation Manual.)

(1) Basic wiring



For relay X use the specifications given below Operation coil

Rated voltage : 12VDC

Power consumption : 0.9W or less

\* Use the diode that is recommended by the relay manufacturer at both ends of the relay coil.

The length of the electrical wiring for the PAC-YU25HT is 2 meters (6-1/2 ft).

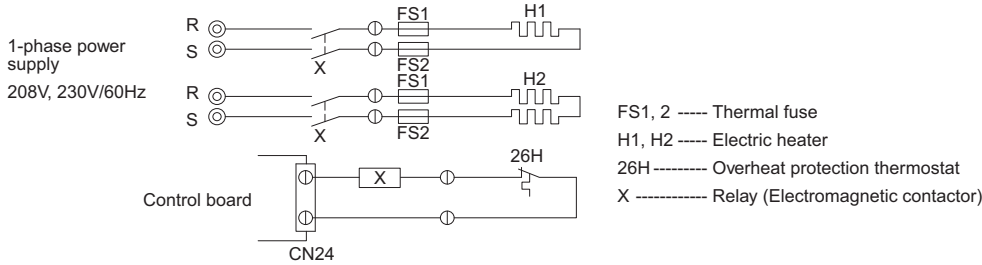
To extend this length, use sheathed 2-core cable.

Control cable type : CVV, CVS, CPEV or equivalent.

Cable size : 0.5 mm<sup>2</sup> ~ 1.25 mm<sup>2</sup> (16 to 22 AWG)

Don't extend the cable more than 10 meters (32ft).

(2) Recommended circuit



| Item     | ① External output cable | ② Connector<br>(for use with the panel heater) |  |
|----------|-------------------------|------------------------------------------------|--|
| Quantity | 2                       | 3                                              |  |
| Shape    |                         |                                                |  |

Wiring details and Installation details should be referred to its Installation Manual. (WT05383X03)