

# 1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

| Model                                            |                   |                        |                                                                                                                                                                                                                                                                   | PEFY-WL40VMHS-A                                                                                | PEFY-WL50VMHS-A                                                                                | PEFY-WL63VMHS-A                                                                                | PEFY-WL71VMHS-A                |
|--------------------------------------------------|-------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------|
| Power source                                     |                   |                        |                                                                                                                                                                                                                                                                   | 1-phase 220-230-240 V 50/60 Hz                                                                 | 1-phase 220-230-240 V 50/60 Hz                                                                 | 1-phase 220-230-240 V 50/60 Hz                                                                 | 1-phase 220-230-240 V 50/60 Hz |
| Cooling capacity<br>(Nominal)                    | *1                | kW                     | 4.5                                                                                                                                                                                                                                                               | 5.6                                                                                            | 7.1                                                                                            | 8.0                                                                                            |                                |
|                                                  |                   | BTU/h                  | 15,400                                                                                                                                                                                                                                                            | 19,100                                                                                         | 24,200                                                                                         | 27,300                                                                                         |                                |
|                                                  | *2                | Power input            | kW                                                                                                                                                                                                                                                                | 0.055                                                                                          | 0.077                                                                                          | 0.095                                                                                          | 0.075                          |
|                                                  |                   | Current input          | A                                                                                                                                                                                                                                                                 | 0.41-0.39-0.38                                                                                 | 0.58-0.55-0.52                                                                                 | 0.70-0.67-0.64                                                                                 | 0.54-0.52-0.50                 |
| Heating capacity<br>(Nominal)                    | *3                | kW                     | 5.0                                                                                                                                                                                                                                                               | 6.3                                                                                            | 8.0                                                                                            | 9.0                                                                                            |                                |
|                                                  |                   | BTU/h                  | 17,100                                                                                                                                                                                                                                                            | 21,500                                                                                         | 27,300                                                                                         | 30,700                                                                                         |                                |
|                                                  | *2                | Power input            | kW                                                                                                                                                                                                                                                                | 0.055                                                                                          | 0.077                                                                                          | 0.095                                                                                          | 0.075                          |
|                                                  |                   | Current input          | A                                                                                                                                                                                                                                                                 | 0.41-0.39-0.38                                                                                 | 0.58-0.55-0.52                                                                                 | 0.70-0.67-0.64                                                                                 | 0.54-0.52-0.50                 |
| External finish                                  |                   |                        |                                                                                                                                                                                                                                                                   | Galvanized steel plate                                                                         | Galvanized steel plate                                                                         | Galvanized steel plate                                                                         | Galvanized steel plate         |
| External dimension H × W × D                     |                   | mm                     | 380 x 745 x 900                                                                                                                                                                                                                                                   | 380 x 745 x 900                                                                                | 380 x 745 x 900                                                                                | 380 x 1,030 x 900                                                                              |                                |
|                                                  |                   | in.                    | 15 x 29-3/8 x 35-7/16                                                                                                                                                                                                                                             | 15 x 29-3/8 x 35-7/16                                                                          | 15 x 29-3/8 x 35-7/16                                                                          | 15 x 40-9/16 x 35-7/16                                                                         |                                |
| Net weight                                       |                   | kg (lbs)               | 35 (78)                                                                                                                                                                                                                                                           | 35 (78)                                                                                        | 36 (80)                                                                                        | 45 (100)                                                                                       |                                |
| 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)                                                       |                                |
|                                                  | Water Volume      | L                      | 1.4                                                                                                                                                                                                                                                               | 1.4                                                                                            | 1.8                                                                                            | 1.8                                                                                            |                                |
| FAN                                              | Type × Quantity   |                        | Sirocco fan x 1                                                                                                                                                                                                                                                   | Sirocco fan x 1                                                                                | Sirocco fan x 1                                                                                | Sirocco fan x 2                                                                                |                                |
|                                                  | *4                | External static press. | Pa                                                                                                                                                                                                                                                                | 50 - <100> - <150> - <200>                                                                     | 50 - <100> - <150> - <200>                                                                     | 50 - <100> - <150> - <200>                                                                     |                                |
|                                                  |                   |                        | mmH <sub>2</sub> O                                                                                                                                                                                                                                                | 5.1 - <10.2> - <15.3> - <20.4>                                                                 | 5.1 - <10.2> - <15.3> - <20.4>                                                                 | 5.1 - <10.2> - <15.3> - <20.4>                                                                 |                                |
|                                                  | Motor Type        |                        | DC motor                                                                                                                                                                                                                                                          | DC motor                                                                                       | DC motor                                                                                       | DC motor                                                                                       |                                |
|                                                  | Motor output      |                        | kW                                                                                                                                                                                                                                                                | 0.121                                                                                          | 0.121                                                                                          | 0.244                                                                                          |                                |
|                                                  | 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)                                                                                 |                                |
|                                                  |                   |                        | m <sup>3</sup> /min                                                                                                                                                                                                                                               | 10.0 - 12.0 - 14.0                                                                             | 13.0 - 15.0 - 18.0                                                                             | 13.5 - 16.0 - 19.0                                                                             | 15.5 - 18.0 - 22.0             |
|                                                  |                   |                        | L/s                                                                                                                                                                                                                                                               | 167 - 200 - 233                                                                                | 217 - 250 - 300                                                                                | 225 - 267 - 317                                                                                | 258 - 300 - 367                |
|                                                  |                   | cfm                    | 353 - 424 - 494                                                                                                                                                                                                                                                   | 459 - 530 - 636                                                                                | 477 - 565 - 671                                                                                | 547 - 636 - 777                                                                                |                                |
| Sound pressure level (measured in anechoic room) |                   |                        | (Low-Mid-High)                                                                                                                                                                                                                                                    | (Low-Mid-High)                                                                                 | (Low-Mid-High)                                                                                 | (Low-Mid-High)                                                                                 |                                |
| *2                                               |                   | dB <A>                 | 22.0-25.0-29.0                                                                                                                                                                                                                                                    | 24.0-27.0-32.0                                                                                 | 25.5-28.5-32.5                                                                                 | 24.0-27.0-31.0                                                                                 |                                |
| Insulation material                              |                   |                        | Polystyrene foam, Polyethylene foam, Urethane foam                                                                                                                                                                                                                | Polystyrene foam, Polyethylene foam, Urethane foam                                             | Polystyrene foam, Polyethylene foam, Urethane foam                                             | Polystyrene foam, Polyethylene foam, Urethane foam                                             |                                |
| Air filter                                       |                   |                        | Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.                                                                                                                                                                    | Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended. | Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended. | Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended. |                                |
| Protection device                                |                   |                        | Fuse                                                                                                                                                                                                                                                              | Fuse                                                                                           | Fuse                                                                                           | Fuse                                                                                           |                                |
| Refrigerant control device                       |                   |                        | Flow control valve                                                                                                                                                                                                                                                | Flow control valve                                                                             | Flow control valve                                                                             | Flow control valve                                                                             |                                |
| Connectable HBC/Hydro unit                       |                   |                        | CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A                                                                                                                                                                                                                  | CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A                                               | CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A                                               | CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A                                               |                                |
| Water piping diameter                            |                   |                        | *5, 6                                                                                                                                                                                                                                                             |                                                                                                |                                                                                                |                                                                                                |                                |
|                                                  | Connection size   | Inlet                  | mm O.D.                                                                                                                                                                                                                                                           | 22                                                                                             | 22                                                                                             | 22                                                                                             |                                |
|                                                  |                   | Outlet                 | mm O.D.                                                                                                                                                                                                                                                           | 22                                                                                             | 22                                                                                             | 22                                                                                             |                                |
|                                                  | Field pipe size   | Inlet                  | mm I.D.                                                                                                                                                                                                                                                           | 20                                                                                             | 20                                                                                             | 30                                                                                             |                                |
|                                                  |                   | Outlet                 | mm I.D.                                                                                                                                                                                                                                                           | 20                                                                                             | 20                                                                                             | 30                                                                                             |                                |
| Field drain pipe size                            |                   | mm (in.)               | O.D.32 (1-1/4)                                                                                                                                                                                                                                                    | O.D.32 (1-1/4)                                                                                 | O.D.32 (1-1/4)                                                                                 | O.D.32 (1-1/4)                                                                                 |                                |
| Drawing                                          | External          |                        | KB94C3VR                                                                                                                                                                                                                                                          | KB94C3VR                                                                                       | KB94C3VR                                                                                       | KB94C3VR                                                                                       |                                |
|                                                  | Wiring            |                        | KB94C3VS                                                                                                                                                                                                                                                          | KB94C3VS                                                                                       | KB94C3VS                                                                                       | KB94C3VS                                                                                       |                                |
|                                                  | Refrigerant cycle |                        | -                                                                                                                                                                                                                                                                 | -                                                                                              | -                                                                                              | -                                                                                              |                                |
| Standard attachment                              | Document          |                        | Installation Manual, Instruction Book                                                                                                                                                                                                                             | Installation Manual, Instruction Book                                                          | Installation Manual, Instruction Book                                                          | Installation Manual, Instruction Book                                                          |                                |
|                                                  | Accessory         |                        | Washer, Drain hose, Tie band                                                                                                                                                                                                                                      | Washer, Drain hose, Tie band                                                                   | Washer, Drain hose, Tie band                                                                   | Washer, Drain hose, Tie band                                                                   |                                |
| Optional parts                                   | Drain pump kit    |                        | PAC-DRP10DP-E2                                                                                                                                                                                                                                                    | PAC-DRP10DP-E2                                                                                 | PAC-DRP10DP-E2                                                                                 | PAC-DRP10DP-E2                                                                                 |                                |
|                                                  | Long life filter  |                        | PAC-KE86LAF                                                                                                                                                                                                                                                       | PAC-KE86LAF                                                                                    | PAC-KE86LAF                                                                                    | PAC-KE88LAF                                                                                    |                                |
|                                                  | Filter box        |                        | PAC-KE63TB-F                                                                                                                                                                                                                                                      | PAC-KE63TB-F                                                                                   | PAC-KE63TB-F                                                                                   | PAC-KE99TB-F                                                                                   |                                |
|                                                  | Valve kit         | *7                     | PAC-SK35VK-E                                                                                                                                                                                                                                                      | PAC-SK35VK-E                                                                                   | PAC-SK35VK-E                                                                                   | PAC-SK35VK-E                                                                                   |                                |
|                                                  |                   | 6m Lead wire           | PAC-SK40LW-E                                                                                                                                                                                                                                                      | PAC-SK40LW-E                                                                                   | PAC-SK40LW-E                                                                                   | PAC-SK40LW-E                                                                                   |                                |
|                                                  |                   | Attachment plate       | PAC-SK39AP-E                                                                                                                                                                                                                                                      | PAC-SK39AP-E                                                                                   | PAC-SK39AP-E                                                                                   | PAC-SK39AP-E                                                                                   |                                |
| 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: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B. (95°F D.B.)<br>Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)                                                                                                                                                                                                                                                                                                                                                           | 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: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)<br>Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)                                                                                                                                                                                                                                                                                                                                                             | lbs =kg/0.4536                                              |
| 4.The factory setting of airflow mode and external static pressure mode 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.                                                                                                                                                                                                                                                                                                        |                                                             |
| 5.Be sure to install a valve on the water inlet/outlet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |
| 6.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |
| 7.Certain restrictions apply to indoor unit combinations.<br>Refer to the section on the valve kit in the chapter "OPTIONAL PARTS" in the DATA BOOK for the restrictions.<br>When the valve kit is installed farther away from the HBC than the distance between the HBC and the WL-model indoor unit, the maximum allowable height difference between the HBC and the valve kit is 15 meters.<br>The maximum allowable piping length between the indoor unit and the valve kit is 5 meters.<br>• Please group units that operate on 1 branch. | *Above specification data is subject to rounding variation. |

PEFY-WL-VMHS-A

# 1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

| Model                                            |                   |                        |                     | PEFY-WL80VMHS-A                                                                                                                                                 | PEFY-WL100VMHS-A                                                                               | PEFY-WL125VMHS-A                                                                               |              |              |
|--------------------------------------------------|-------------------|------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------|--------------|
| Power source                                     |                   |                        |                     | 1-phase 220-230-240 V 50/60 Hz                                                                                                                                  | 1-phase 220-230-240 V 50/60 Hz                                                                 | 1-phase 220-230-240 V 50/60 Hz                                                                 |              |              |
| Cooling capacity<br>(Nominal)                    | *1                | kW                     |                     | 9.0                                                                                                                                                             | 11.2                                                                                           | 14.0                                                                                           |              |              |
|                                                  | *1                | BTU/h                  |                     | 30,700                                                                                                                                                          | 38,200                                                                                         | 47,800                                                                                         |              |              |
|                                                  | *2                | Power input            | kW                  | 0.090                                                                                                                                                           | 0.160                                                                                          | 0.175                                                                                          |              |              |
|                                                  | *2                | Current input          | A                   | 0.63-0.61-0.58                                                                                                                                                  | 1.05-1.01-0.96                                                                                 | 1.17-1.13-1.09                                                                                 |              |              |
| Heating capacity<br>(Nominal)                    | *3                | kW                     |                     | 10.0                                                                                                                                                            | 12.5                                                                                           | 16.0                                                                                           |              |              |
|                                                  | *3                | BTU/h                  |                     | 34,100                                                                                                                                                          | 42,700                                                                                         | 54,600                                                                                         |              |              |
|                                                  | *2                | Power input            | kW                  | 0.090                                                                                                                                                           | 0.160                                                                                          | 0.175                                                                                          |              |              |
|                                                  | *2                | Current input          | A                   | 0.63-0.61-0.58                                                                                                                                                  | 1.05-1.01-0.96                                                                                 | 1.17-1.13-1.09                                                                                 |              |              |
| External finish                                  |                   |                        |                     | Galvanized steel plate                                                                                                                                          | Galvanized steel plate                                                                         | Galvanized steel plate                                                                         |              |              |
| External dimension H × W × D                     |                   | mm                     |                     | 380 x 1,030 x 900                                                                                                                                               | 380 x 1,195 x 900                                                                              | 380 x 1,195 x 900                                                                              |              |              |
|                                                  |                   | in.                    |                     | 15 x 40-9/16 x 35-7/16                                                                                                                                          | 15 x 47-1/16 x 35-7/16                                                                         | 15 x 47-1/16 x 35-7/16                                                                         |              |              |
| Net weight                                       |                   | kg (lbs)               |                     | 45 (100)                                                                                                                                                        | 51 (113)                                                                                       | 53 (117)                                                                                       |              |              |
| Heat exchanger                                   |                   |                        |                     | Cross fin (Aluminum fin and copper tube)                                                                                                                        | Cross fin (Aluminum fin and copper tube)                                                       | Cross fin (Aluminum fin and copper tube)                                                       |              |              |
|                                                  | Water Volume      |                        | L                   | 1.8                                                                                                                                                             | 2.3                                                                                            | 2.9                                                                                            |              |              |
| FAN                                              | Type × Quantity   |                        |                     | Sirocco fan x 2                                                                                                                                                 | Sirocco fan x 2                                                                                | Sirocco fan x 2                                                                                |              |              |
|                                                  | *4                | External static press. | Pa                  | 50 - <100> - <150> - <200>                                                                                                                                      | 50 - <100> - <150> - <200>                                                                     | 50 - <100> - <150> - <200>                                                                     |              |              |
|                                                  |                   |                        | mmH <sub>2</sub> O  | 5.1 - <10.2> - <15.3> - <20.4>                                                                                                                                  | 5.1 - <10.2> - <15.3> - <20.4>                                                                 | 5.1 - <10.2> - <15.3> - <20.4>                                                                 |              |              |
|                                                  | Motor Type        |                        |                     | DC motor                                                                                                                                                        | DC motor                                                                                       | DC motor                                                                                       |              |              |
|                                                  | Motor output      |                        | kW                  | 0.244                                                                                                                                                           | 0.375                                                                                          | 0.375                                                                                          |              |              |
|                                                  | 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)                                                                                 |              |              |
|                                                  |                   |                        | m <sup>3</sup> /min | 18.0 - 21.5 - 25.0                                                                                                                                              | 26.5 - 32.0 - 38.0                                                                             | 26.5 - 32.0 - 38.0                                                                             |              |              |
|                                                  |                   |                        | L/s                 | 300 - 358 - 417                                                                                                                                                 | 442 - 533 - 633                                                                                | 442 - 533 - 633                                                                                |              |              |
|                                                  |                   | cfm                    | 636 - 759 - 883     | 936 - 1,130 - 1,342                                                                                                                                             | 936 - 1,130 - 1,342                                                                            |                                                                                                |              |              |
| Sound pressure level (measured in anechoic room) |                   |                        |                     | (Low-Mid-High)                                                                                                                                                  | (Low-Mid-High)                                                                                 | (Low-Mid-High)                                                                                 |              |              |
|                                                  | *2                |                        | dB <A>              | 26.0-29.0-32.0                                                                                                                                                  | 28.0-32.0-36.0                                                                                 | 28.0-32.0-36.0                                                                                 |              |              |
| Insulation material                              |                   |                        |                     | Polystyrene foam, Polyethylene foam, Urethane foam                                                                                                              | Polystyrene foam, Polyethylene foam, Urethane foam                                             | Polystyrene foam, Polyethylene foam, Urethane foam                                             |              |              |
| Air filter                                       |                   |                        |                     | Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.                                                                  | Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended. | Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended. |              |              |
| Protection device                                |                   |                        |                     | Fuse                                                                                                                                                            | Fuse                                                                                           | Fuse                                                                                           |              |              |
| Refrigerant control device                       |                   |                        |                     | Flow control valve                                                                                                                                              | Flow control valve                                                                             | Flow control valve                                                                             |              |              |
| Connectable HBC/Hydro unit                       |                   |                        |                     | CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A                                                                                                                | CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A                                               | CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A                                               |              |              |
| Water piping diameter *5, 6                      |                   |                        |                     |                                                                                                                                                                 |                                                                                                |                                                                                                |              |              |
|                                                  | Connection size   | Inlet                  | mm O.D.             | 22                                                                                                                                                              | 22                                                                                             | 22                                                                                             |              |              |
|                                                  |                   | Outlet                 | mm O.D.             | 22                                                                                                                                                              | 22                                                                                             | 22                                                                                             |              |              |
|                                                  | Field pipe size   | Inlet                  | mm I.D.             | 30                                                                                                                                                              | 30                                                                                             | 30                                                                                             |              |              |
|                                                  |                   | Outlet                 | mm I.D.             | 30                                                                                                                                                              | 30                                                                                             | 30                                                                                             |              |              |
| Field drain pipe size                            |                   |                        | mm (in.)            | O.D.32 (1-1/4)                                                                                                                                                  | O.D.32 (1-1/4)                                                                                 | O.D.32 (1-1/4)                                                                                 |              |              |
| Drawing                                          | External          |                        |                     | KB94C3VR                                                                                                                                                        | KB94C3VR                                                                                       | KB94C3VR                                                                                       |              |              |
|                                                  | Wiring            |                        |                     | KB94C3VS                                                                                                                                                        | KB94C3VS                                                                                       | KB94C3VS                                                                                       |              |              |
|                                                  | Refrigerant cycle |                        |                     | -                                                                                                                                                               | -                                                                                              | -                                                                                              |              |              |
| Standard attachment                              | Document          |                        |                     | Installation Manual, Instruction Book                                                                                                                           | Installation Manual, Instruction Book                                                          | Installation Manual, Instruction Book                                                          |              |              |
|                                                  | Accessory         |                        |                     | Washer, Drain hose, Tie band                                                                                                                                    | Washer, Drain hose, Tie band                                                                   | Washer, Drain hose, Tie band                                                                   |              |              |
| Optional parts                                   | Drain pump kit    |                        |                     | PAC-DRP10DP-E2                                                                                                                                                  | PAC-DRP10DP-E2                                                                                 | PAC-DRP10DP-E2                                                                                 |              |              |
|                                                  | Long life filter  |                        |                     | PAC-KE88LAF                                                                                                                                                     | PAC-KE89LAF                                                                                    | PAC-KE89LAF                                                                                    |              |              |
|                                                  | Filter box        |                        |                     | PAC-KE99TB-F                                                                                                                                                    | PAC-KE140TB-F                                                                                  | PAC-KE140TB-F                                                                                  |              |              |
|                                                  | Valve kit         | *7                     |                     |                                                                                                                                                                 | PAC-SK35VK-E                                                                                   | PAC-SK35VK-E                                                                                   | PAC-SK35VK-E |              |
|                                                  |                   | 6m Lead wire           |                     |                                                                                                                                                                 |                                                                                                | PAC-SK40LW-E                                                                                   | PAC-SK40LW-E | PAC-SK40LW-E |
|                                                  |                   | Attachment plate       |                     | PAC-SK39AP-E                                                                                                                                                    | PAC-SK39AP-E                                                                                   | PAC-SK39AP-E                                                                                   |              |              |
| 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:

- Nominal cooling conditions  
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B. (95°F D.B.)  
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- The values are measured at the factory setting of external static pressure.
- Nominal heating conditions  
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)  
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- The factory setting of airflow mode and external static pressure mode is shown without < >.  
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
- Be sure to install a valve on the water inlet/outlet.
- Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
- Certain restrictions apply to indoor unit combinations.  
Refer to the section on the valve kit in the chapter "OPTIONAL PARTS" in the DATA BOOK for the restrictions.  
When the valve kit is installed farther away from the HBC than the distance between the HBC and the WL-model indoor unit, the maximum allowable height difference between the HBC and the valve kit is 15 meters.  
The maximum allowable piping length between the indoor unit and the valve kit is 5 meters.  
• Please group units that operate on 1 branch.

## Unit converter

|       |                              |
|-------|------------------------------|
| BTU/h | =kW x 3.412                  |
| cfm   | =m <sup>3</sup> /min x 35.31 |
| lbs   | =kg/0.4536                   |

\*Above specification data is subject to rounding variation.

PEFY-WL-VMHS-A