

Job Name:

Schedule Reference:

Date:



GENERAL FEATURES

- Dual set point functionality (*1)
- Ten sizes from 15,000 to 54,000 Btu/h (P72, P96)
- Two fan speeds available (Low-High)
- Ducted fan coil supporting multiple configurations for flexible installation
- Quiet operation from 38 to 47dB(A)
- Built-in condensate lift; lifts to 27-9/16" (700mm)
- IT Terminal plug

OPTIONS

- ☐ External Heater Adapter.....PAC-YU25HT
- ☐ Filter Box.....PAC-KE63TB-F
- ☐ Long-life Filter (LLF).....PAC-KE86LAF

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

Note:

Ventilation air to be introduced independent of or in series with VRF indoor units.

Please refer to local codes for the required ventilation rates specific to the application.

*1 – All components of the system must be compatible. For more details on system compatibility, please refer to Technical Bulletin 100-151 available on our website.

Notes:

SPECIFICATIONS

Capacity*

Cooling.....	24,000 Btu/h
Heating.....	27,000 Btu/h

Power Consumption*

Cooling.....	0.33 / 0.32 kW
Heating.....	0.31 / 0.30 kW

Current*

Cooling.....	1.61 / 1.43 A
Heating.....	1.50 / 1.32 A

Minimum Circuit Ampacity (MCA *)

@ 208V.....	2.11 A
@ 230V.....	1.83 A

* All electrical work shall comply with National (CEC) and local codes and regulations.

Fuse Size.....15 A

External Finish.....Galvanized-steel Sheet

External Dimensions

Inches.....	15 H x 29-3/8 W x 35-7/16 D
mm.....	380 H x 745 W x 900 D

Net Weight.....100 lbs. / 45 kg

Coil Type.....Cross Fin
(Aluminum Plate Fin and Copper Tube)

Fan

Type x Quantity.....Sirocco Fan x 1

Airflow Rate (Low - High).....477 - 671 CFM

External Static Pressure

@ 208V.....	0.40 - 1.00"WG
@ 230V.....	0.60 - 1.00"WG

Motor Type.....1-phase induction motor

Air Filter.....Optional
(Synthetic fiber unwoven cloth filter (LLF) and filter box recommended)

Refrigerant Piping Dimensions

Liquid (High Pressure).....	3/8" / 9.52 mm (Brazed)
Gas (Low Pressure).....	5/8" / 15.88 mm (Brazed)

Drainpipe Dimension.....O.D. 1-1/4" / 32 mm

Sound Pressure Levels

Low - High.....40 - 46 dB(A)

* Cooling / Heating capacity indicated at operation under the following conditions:

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB,

Cooling | Outdoor: 95° F (35° C) DB

Heating | Indoor: 70° F (21° C) DB,

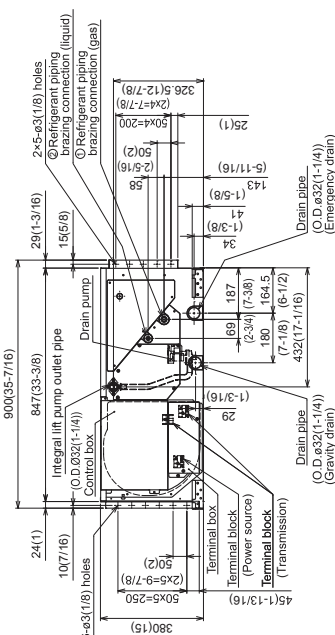
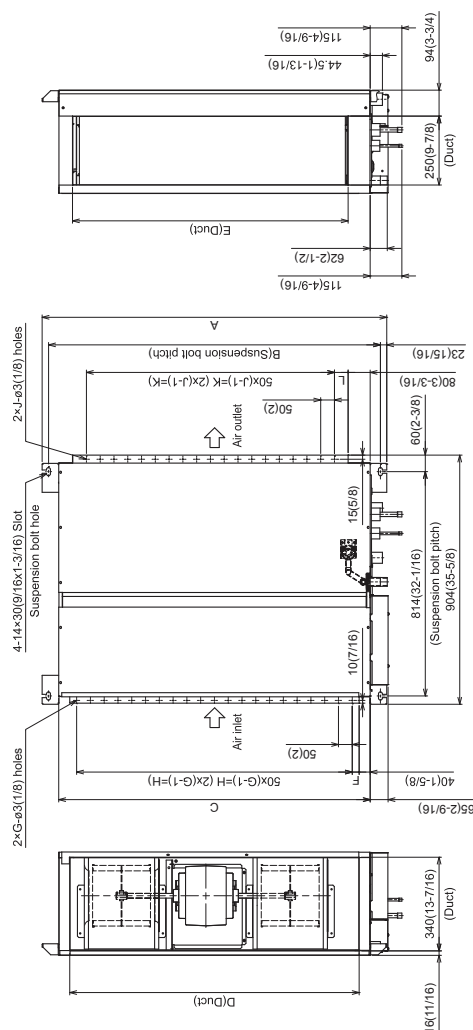
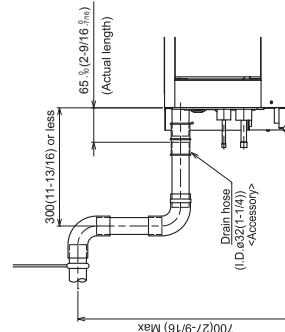
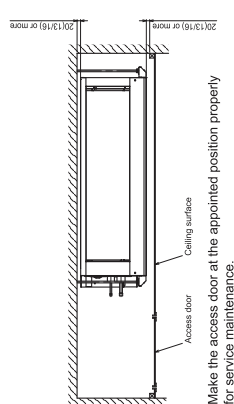
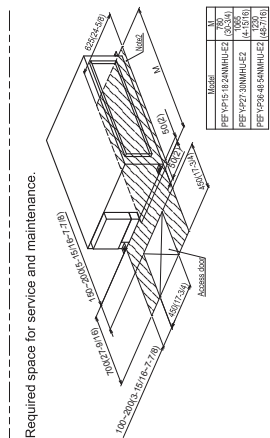
Heating | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB

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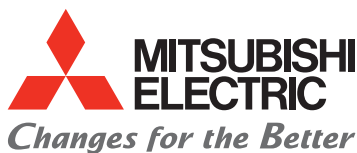
Model: PEFY-P24NMHU-E2 – DIMENSIONS

Unit :mm(in.)

- Note 1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
3. This drawing is for PEFY-P27-30-36-48-54NMHU-E2 models, which have 2 fans PEFY-P15-18-24NMHU-E2 models have 1 fan.
4. Make sure to install the air filter (field supply) on the air intake side. In case field supplied air filter is used, attach it where the filter service is easily done.



Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe	② Liquid pipe
PERF-P15-18MMH-U2	600	754	690	600	569	500	500	500	460	460	460	ø127	ø63.5 (1.04)
PERF-P22-22MMH-U2	750	904	840	750	719	650	650	650	610	610	610	ø152	ø76.2 (1.57)
PERF-P27-30MMH-U2	900	1054	990	900	869	800	800	800	760	760	760	ø178	ø91.4 (2.32)
PERF-P32-38MMH-U2	1050	1204	1140	1050	1019	950	950	950	910	910	910	ø203	ø101.6 (2.58)
PERF-P42-48MMH-U2	1350	1504	1440	1350	1319	1250	1250	1250	1210	1210	1210	ø254	ø127 (3.25)
PERF-P52-60MMH-U2	1650	1804	1740	1650	1619	1550	1550	1550	1510	1510	1510	ø305	ø152.4 (3.91)
PERF-P62-75MMH-U2	2000	2154	2090	2000	1969	1900	1900	1900	1860	1860	1860	ø355	ø177.8 (4.52)
PERF-P75-90MMH-U2	2400	2554	2490	2400	2369	2300	2300	2300	2260	2260	2260	ø406	ø203.2 (5.17)
PERF-P90-110MMH-U2	2850	3004	2940	2850	2819	2750	2750	2750	2710	2710	2710	ø457	ø228.6 (5.84)
PERF-P110-135MMH-U2	3400	3554	3490	3400	3369	3300	3300	3300	3260	3260	3260	ø508	ø254 (6.46)
PERF-P135-165MMH-U2	4050	4204	4140	4050	4019	3950	3950	3950	3910	3910	3910	ø559	ø281.3 (7.14)
PERF-P165-200MMH-U2	4800	4954	4890	4800	4769	4700	4700	4700	4660	4660	4660	ø610	ø304.8 (7.77)
PERF-P200-250MMH-U2	5850	6004	5940	5850	5819	5750	5750	5750	5710	5710	5710	ø711	ø354.3 (9.01)
PERF-P250-315MMH-U2	7050	7204	7140	7050	7019	6950	6950	6950	6910	6910	6910	ø813	ø403.5 (10.25)
PERF-P315-400MMH-U2	8400	8554	8490	8400	8369	8300	8300	8300	8260	8260	8260	ø914	ø457 (11.6)
PERF-P400-500MMH-U2	10050	10204	10140	10050	10019	9950	9950	9950	9910	9910	9910	ø1016	ø508 (12.9)
PERF-P500-630MMH-U2	12150	12304	12240	12150	12119	12050	12050	12050	12010	12010	12010	ø1118	ø559 (14.2)
PERF-P630-800MMH-U2	14400	14554	14490	14400	14369	14300	14300	14300	14260	14260	14260	ø1219	ø610 (15.5)
PERF-P800-1000MMH-U2	17700	17854	17790	17700	17669	17600	17600	17600	17560	17560	17560	ø1370	ø688.8 (17.5)
PERF-P1000-1250MMH-U2	21150	21304	21240	21150	21119	21050	21050	21050	21010	21010	21010	ø1472	ø739.3 (18.75)
PERF-P1250-1600MMH-U2	25200	25354	25290	25200	25169	25100	25100	25100	25060	25060	25060	ø1575	ø789.5 (20.0)
PERF-P1600-2000MMH-U2	30000	30154	30090	30000	29969	29900	29900	29900	29860	29860	29860	ø1676	ø838 (21.2)
PERF-P2000-2500MMH-U2	35400	35554	35490	35400	35369	35300	35300	35300	35260	35260	35260	ø1778	ø889 (22.57)
PERF-P2500-3150MMH-U2	41550	41704	41640	41550	41519	41450	41450	41450	41410	41410	41410	ø1880	ø939.7 (23.85)
PERF-P3150-4000MMH-U2	48450	48604	48540	48450	48419	48350	48350	48350	48310	48310	48310	ø1981	ø990.5 (25.4)
PERF-P4000-5000MMH-U2	57600	57754	57690	57600	57569	57500	57500	57500	57460	57460	57460	ø2083	ø1041.3 (26.74)



for a greener tomorrow



Form # SB_PEFY-P24NMHU-E2_201709
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