Model: PLFY-P18NBMU-ER2

Job Name:	
System Reference:	Date:



GENERAL FEATURES

- Dual set point functionality
- Lightweight, low-profile compact design
- Customizable wide airflow pattern with adjustable vane control through unit controller
- Auto wave airflow in heating mode—independent cycling of horizontal and vertical vane positions for even heat distribution
- Four-speed fan settings
- Auto fan
- Corner-pocket design for simplified installation
- Built-in condensate lift mechanism; lifts to 33-7/16 in.
- Ventilation air intake supported

Options

- □ Air Outlet Shutter Plate (2 pieces)……PAC-SH51SP-E
- □ High-Efficiency Filter (MERV 10)……PAC-SH59KF-E
- □ Multi-function Casement……PAC-SH53TM-E
- □ i-see Sensor Corner Panel……PAC-SA1ME-E
- □ Wireless Signal Receiver……PAR-SA9FA-E
- □ CN24 Relay Kit……CN24RELAY-KIT-CM3

SPECIFICATIONS

Capacity*

Cooling……18,000 Btu/h
Heating……20,000 Btu/h

* Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:
Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB, Outdoor 95° F (35° C) DB
Heating | Indoor: 70° F (21° C) DB, Outdoor 47° F (8° C) DB / 43° F (6° C) WB

Power

Power Source……208 / 230V, 1-phase, 60Hz

Power Consumption

Cooling……0.05 kW
Heating……0.04 kW

Current

Cooling……0.36 A
Heating……0.29 A

Minimum Circuit Ampacity (MCA)……0.64 A
Maximum Overcurrent Protection (MOCP) Fuse……15 A

External Finish…Grille (White; Munsell No. 6.4Y 8.9 / 0.4)

External Dimensions

Inches……10-3/16 h x 33-1/8 w x 33-1/8 d
mm……258 h x 840 w x 840 d

Grille (PLP-40BAU):

Inches……1-3/8 h x 37-7/16 w x 37-7/16 d
mm……35 h x 950 w x 950 d

Net Weight

Unit……51 lbs. / 23 kg
Grille……13lbs./6kg

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

Fan

Type x Quantity……Turbo Fan x 1
Airflow Rate(Low - Mid 1 - Mid 2 - High)……494-530-565-636 CFM
Motor Type……DC Motor

Standard Air Filter……Polypropylene Honeycomb

Refrigerant Piping Dimensions

R410A

Liquid (High Pressure)……1/4" / 6.35 mm Flare
Gas (Low Pressure)……1/2" / 12.7 mm Flare

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

Sound Level

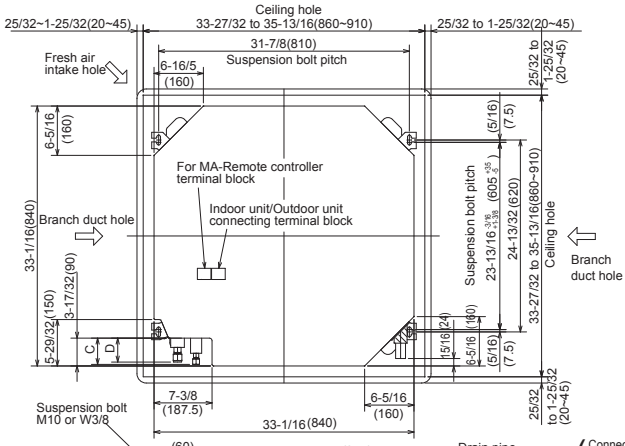
(Low - Mid 1 - Mid 2 - High)……28 - 29 - 30 - 32 dB(A)

Specifications are subject to change without notice.

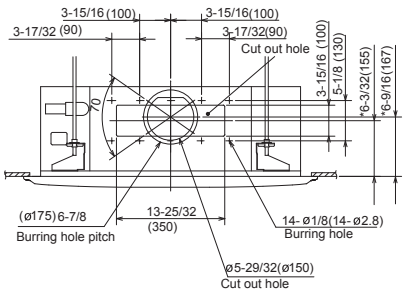
© 2015 Mitsubishi Electric US, Inc.

Model: PLFY-P18NBMU-ER2 – DIMENSIONS

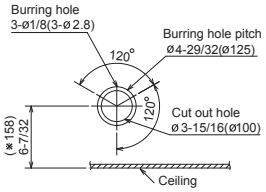
Unit: mm (in.)

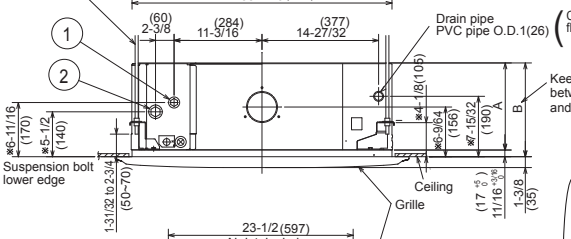


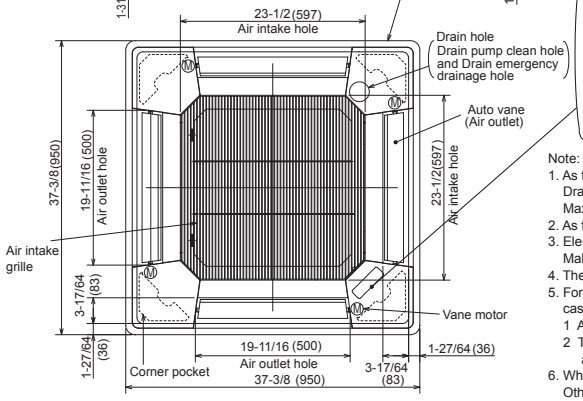
Detail connecting of branch duct(Both aspects)

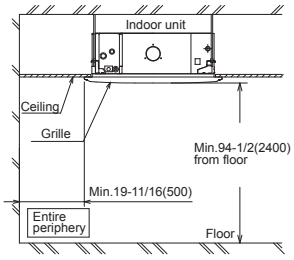


Detail drawing of fresh air intake hole





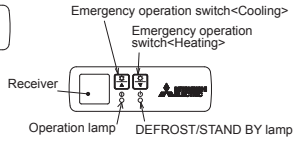




In case of standard grille



In case of wireless remote controller



Note:
1. As for drain pipe, please use VP-25 O.D. 1-1/4(32) PVC TUBE.
   Drain pump is included.
   Max. lifting height is 33-7/16 (850mm) from the ceiling.
2. As for suspension bolt, please use M10 or W3/8. (Procured at local site)
3. Electrical box may be removed for the service purpose.
   Make sure to slack the electrical wire little bit for control/power wires connection.
4. The height of the indoor unit is able to be adjusted with the grille attached.
5. For the installation of the optional high efficiency filter or optional multi-functional casement.
   1 Add 5-5/16"(135mm) to the dimensions ※ marked on the figure.
   2 The optional high efficiency filter becomes optional multi-functional casement and concomitant use.
6. When installing the branch ducts, be sure to insulate adequately.
   Otherwise condensation and dripping may occur.
   (It becomes the cause of dew drops/water dew.)
   As for necessary installation / service space, please refer to the left figure.

Accessory···Drain socket(I.D.1-1/4(32))
Flare nut 3/8 (For P18)
Flare nut 5/8 (For P18)
Flare nut 3/4 (For P36)

Models	1	2	A	B	C	D
PLFY-P12NBMU-ER2 PLFY-P15NBMU-ER2	Refrigerant pipe ··· Ø6.35 Flared connection ···1/4	Refrigerant pipe ··· Ø12.7 Flared connection ···1/2	9-1/2 (241)	10-3/16 (258)	3-5/32 (80)	2-29/32 (74)
PLFY-P18NBMU-ER2	Refrigerant pipe Ø6.35 Flared connection 1/4 (compatible)	Refrigerant pipe Ø12.7 Flared connection 1/2 (compatible)				
PLFY-P24NBMU-ER2 PLFY-P30NBMU-ER2	Refrigerant pipe ··· Ø9.52 Flared connection ···3/8	Refrigerant pipe ··· Ø15.88 Flared connection ···5/8				
PLFY-P36NBMU-ER2		Refrigerant pipe ø15.88 Flared connection 5/8 (compatible)	11-1/16 (281)	11-3/4 (298)	3-11/32 (85)	3-1/32 (77)

MITSUBISHI ELECTRIC
COOLING & HEATING

1340 Satellite Boulevard. Suwanee, GA 30024
Toll Free: 800-433-4822 www.mehvac.com

Intertek

Specifications are subject to change without notice.

© 2015 Mitsubishi Electric US, Inc.