Model: PLFY-P12NBMU-E2

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

ACCESSORIES:

Air Outlet Shutter Plate (2 pieces) (PAC-SH51SP-E)
CN24 Relay Kit (CN24RELAY-KIT-CM3)
Condensate Pump (BlueDiamond X87-711/721; 115/230V)
Condensate Pump (Sauermann SI30-115/230; 115/230V)
Drain Pan Level Sensor (DPLS1)
High-Efficiency Filter (MERV 10) (PAC-SH59KF-E)
i-see Sensor Corner Panel (PAC-SA1ME-E)
Multi-Function Casement (PAC-SH53TM-E)
Wireless Signal Reciever (PAR-SA9FA-E)

SPECIFICATIONS:

Capacity*		
Cooling	Btu/h	12,000
Heating	Btu/h	13,500

*Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:
Cooling | Indoor: 80° F (26.7° C) DB / 67° F (19° C) WB, Outdoor 95° F (35° C) DB
Heating | Indoor: 70° F (21.1° C) DB, Outdoor 47° F (8.3° C) DB / 43° F (6° C) WB

Electrical		
Electrical Power Requirements	208 / 230V, 1-phase, 60Hz	
Minimum Circuit Ampacity (MCA)	A	0.39 (60Hz)
Recommended Fuse Size	A	5

External Dimensions		
Unit (H x W x D)	In.(mm)	10-3/16 x 33-3/32 x 33-3/32 (258 x 840 x 840)
Grill (PLP-40BAU) (H x W x D)	In.(mm)	1-3/8 x 37-13/32 x 37-13/32 (35 x 950 x 950)

Net Weight		
Unit	Lbs.(kg)	51 (23)
Grill	Lbs.(kg)	13 (6)

External Finish	
Unit	Galvanized steel sheets
Grill	White - MUNSELL (6.4Y 8.9/0.4)

Coil Type	Cross fin

Fan		
Type x Quanity	Turbo fan x 1	
Airflow rate (Low-Mid2-Mid1-High)	CFM	494 - 530 - 547 - 565
Motor Type	DC motor	
Motor Output	kW	0.05
Motor F.L.A.	A	0.31

Air Filter	PP honeycomb (long life filter, anti-bacterial type)

Refrigerant Piping Diameter		
Liquid (High Pressure)	In.(mm)	1/4 (6.35) Flare
Gas (Low Pressure)	In.(mm)	1/2 (12.70) Flare

Field Drain Pipe Size	In.(mm)	O.D. 1-1/4 (32)

Sound Pressure Level		
Low-Mid2-Mid1-High	dB(A)	27 - 29 - 30 - 31

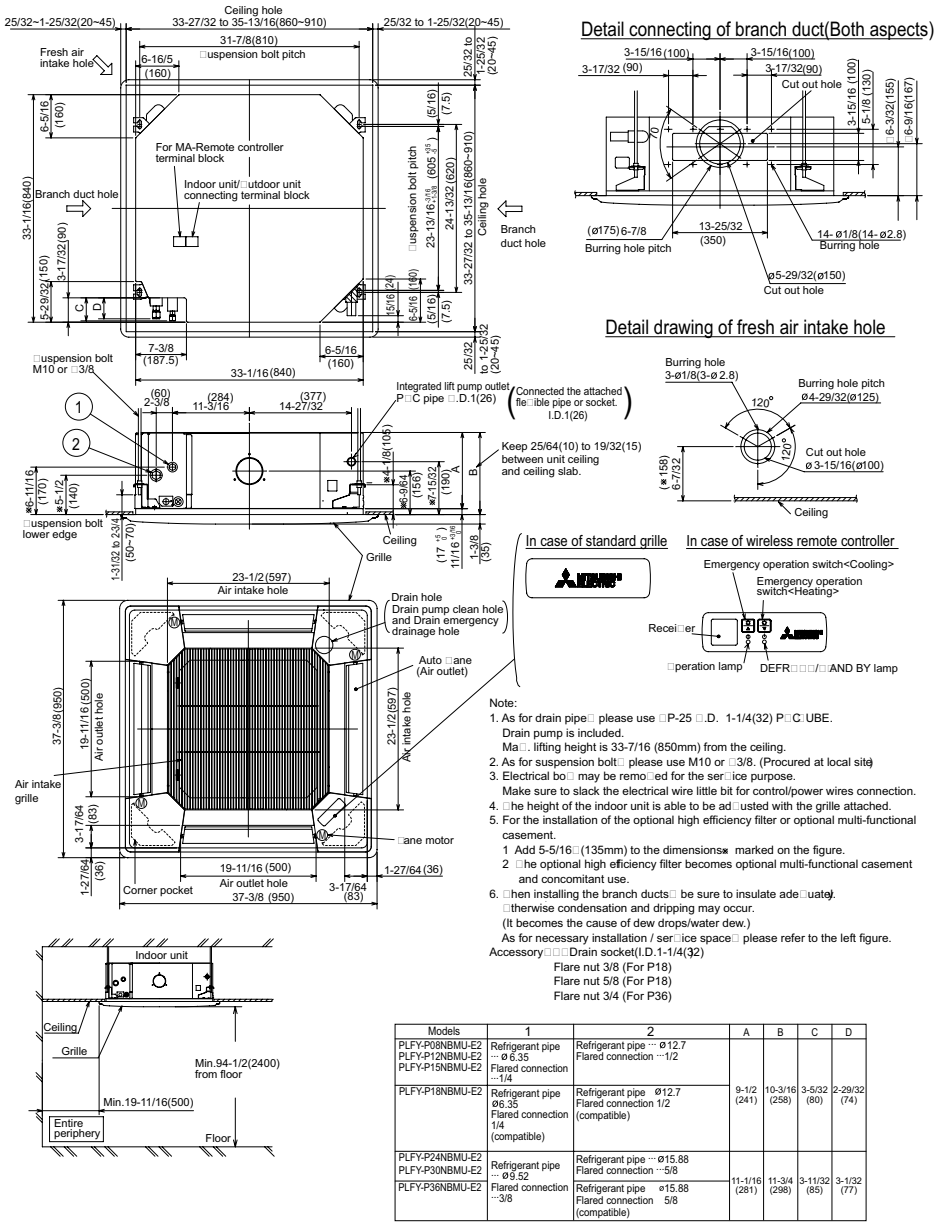
Notes:

Specifications are subject to change without notice.

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Model:PLFY-P12NBMU-E2- DIMENSIONS

Unit : in. (mm)



Note:
1. As for drain pipe□ please use □P-25 □.D. 1-1/4(32) P□C□UBE.
   Drain pump is included.
   Ma□. lifting height is 33-7/16 (850mm) from the ceiling.
2. As for suspension bolt□ please use M10 or □3/8. (Procured at local site)
3. Electrical bo□ may be remo□ed for the ser□ice purpose.
   Make sure to slack the electrical wire little bit for control/power wires connection.
4. □he height of the indoor unit is able to be ad□usted 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 □he optional high efficiency filter becomes optional multi-functional casement and concomitant use.
6. □hen installing the branch ducts□ be sure to insulate ade□uately.
   □therwise condensation and dripping may occur.
   (It becomes the cause of dew drops/water dew.)
   As for necessary installation / ser□ice 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-P08NBMU-E2 PLFY-P12NBMU-E2 PLFY-P15NBMU-E2	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-E2	Refrigerant pipe ø6.35 Flared connection 1/4 (compatible)	Refrigerant pipe ø12.7 Flared connection 1/2 (compatible)				
PLFY-P24NBMU-E2 PLFY-P30NBMU-E2	Refrigerant pipe ··· ø9.52	Refrigerant pipe ··· ø15.88 Flared connection ···5/8	11-1/16 (281)	11-3/4 (298)	3-11/32 (85)	3-1/32 (77)
PLFY-P36NBMU-E2	Flared connection ···3/8	Refrigerant pipe ø15.88 Flared connection 5/8 (compatible)				

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Intertek

FORM# PLFY-P12NBMU-E2-20160701

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