## CITY MULTI<sup>®</sup> Model: PLFY-P30NBMU-E AMITSUBISHI ELECTRIC

Job Name:	Location:
Drawing Reference:	Schedule No.
System No.:	Date:
and the second s	Grille (PLP-40BAU): Inches1-3/8 h x 37-7/16 w x 37-7/16 d
·	mm
1 1	
	Net Weight
GENERAL FEATURES	Unit
• R410A or R22 refrigerant-compatible	Grille
Lightweight, low-profile compact design	Coil TypeCross Fin
• Customizable wide airflow pattern enables better air	(Aluminum Plate Fin and Copper Tube)
distribution—direction of each vane can be adjusted to fit	Fan
room layout through Deluxe MA or ME controllers	Type x QuantityTurbo Fan x 1
• Auto wave airflow in heating mode—unit independently	Airflow Rate
cycles through horizontal and vertical positions for more	(Low - Mid 1 - Mid 2 - High)565 - 636 - 706 - 777 cfm
even heat distribution	Motor TypeDC Motor
• Four-speed fan settings and auto fan speed adjustment mode	Output0.050 kW
<ul> <li>Corner-pocket design for simplified installation</li> </ul>	
• Built-in condensate lift mechanism; lifts to 33-1/2 in.	Standard Air FilterPolypropylene Honeycomb
• Outside air capability	Refrigerant Piping Dimensions
• Multiple sizes up to 36,000 Btu/h	R410A or R22
• i-see sensor option uses infrared rays to search for hot	Liquid (High Pressure)
and cold spots	Gas (Low Pressure)5/8" / 15.88 mm Flare
SPECIFICATIONS	Drainpipe DimensionO.D. 1-1/4" / 32 mm
Capacity*	
Cooling	Sound Pressure Level
Heating	(Low - Mid 1 - Mid 2 - High)30 - 32 - 35 - 37 dB(A)
Power	Options
Power Source	□ Air Outlet Shutter Plate (2 pieces)PAC-SH51SP-E
Power Consumption Cooling0.07 kW	<ul> <li>High-Efficiency Filter (MERV 10)AC-SH59KF-E</li> <li>Multi-function CasementPAC-SH53TM-E</li> </ul>
Heating0.06 kW	□ inditi-function CasementPAC-SH55TM-E
Current	□ Wireless Signal ReceiverPAR-SA9FA-E
Cooling0.51 A	-
Heating0.43 A Minimum Circuit Ampacity (MCA)0.64 A	* Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:
Maximum Overcurrent Protection (MOCP) Fuse	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
External FinishGrille (White; Munsell No. 6.4Y 8.9 / 0.4)	
External Dimensions	Note: Ventilation air: Providing sufficient ventilation air is an important part of every building design. ASHRAE Standard 62 provides the minimum ventilation
Inches10-3/16 h x 33-1/8 w x 33-1/8 d	air requirement. Also, check local codes.

mm......258 h x 840 w x 840 d

## Model: PLFY-P30NBMU-E - DIMENSIONS

## Unit : inch(mm) Ceiling hole 33-27/32 to 35-13/16(860~910) 25/32 to 1-25/32(20~45) 25/32~1-25/32(20~45) Detail connecting of branch duct 31-7/8(810) (1) (32) (32) Ventilation air intake hole 3-15/16(100) 3-15/16(100) Suspension bolt pitch 25/32 1-25/5 (20~4 6-16/5 3-17/32 (90) (100) 3-17/32(90) \*6-3/32(155) 5-1/8 (130) Cut out hole \*6-9/16(167) (5/16) (7.5) 3-15/16 6-5/16 (160) 颙 910) For MA-Remote controller terminal block (TB15) (605 5 5) Suspension bolt pitch 2 to 35-13/16(860~5 Ceiling hole Г 24-13/32 (620) Indoor unit/Outdoor unit connecting terminal block (TB5) I 6(840) 23-13/16 316 11-38 Branch duct hole Ceiling h 4 33-1/1 13-25/3 Branch (06) (ø175)6-7/8 14-ø1/8(14-ø2.8) Burring hole ĽĽ (350) duct hole 17/32 ( 7/32 Burring hole pitch 50) 33-27 ø5-29/32(ø150) 29/32(1 Cut out hole 6-5/16 (5/16) (7.5) ပ် ြ T 15/1 Detail drawing of ventilation air intake hole -25/3 6-5/16 25/32 to 1-25/ (20~45) 7-3/8 Suspension bolt M10 or W3/8 Burring hole (160) 33-1/16(840) 3-ø1/8(3-ø2.8) Burring hole pitch Connected the attached flexible pipe or socket. (60) 2-3/8 Drainpipe connected to VP-25 (284) 11-3/16 ø4-29/32(ø125) (377) 14-27/32 120 1 2 Keep 25/64(10) to 19/32(15) between unit ceiling /8/ Š Cut out hole ď (w158) 6-7/32 ø3-15/16(ø100) \*6-9/64 (156) 7-15/32 (190) 10 and ceiling slab. \*6-11/1( (170) \*5-1/2 (140) Ceiling Suspension bolt lower edge 1-31/32 to 2-3/4 20 In case of standard grille In case of wireless signal receiver 1-3/8 Ceiling 1/16 (50~ (17 Grille Emergency operation switch<Cooling> 23-1/2 (597) Air intake hole Emergency operation switch<Heating> Drain lift mechanism clean hole and Drain emergency drainage hole 宫宫 Receiver **A**m Ŵ Auto vane Operation lamp DEFROST/STAND BY lamp (Air outlet) 19-11/16 (500) -1/2(597) ake hole 37-3/8(950) Air outlet hole Note: 1. As for drainpipe, please use O.D. 1-1/4(32) PVC TUBE ntake Drain lift mechanism is included. ŝ As for suspension bolt, please use M10 or 3/8. (Procured at local site) Electrical box may be removed for the service purpose. Make sure to slack the electrical wire little bit for control/power wires connection. Air intake 4. The height of the indoor unit is able to be adjusted with the grille attached. arille 5. For the installation of the optional high efficiency filter or optional multi-functional $\sim$ 17/64 casement. 1 Add 5-5/16"(135mm) to the dimensions marked with an \* on the figures. ÷ Vane motor 2 The optional high efficiency filter becomes optional multi-functional casement and concomitant use. 19-11/16 (500) (36) 1-27/64 (36) 6. When installing the branch ducts, be sure to insulate adequately. -27/ Air outlet hole 3-17/64 (83) . Corner nocket Otherwise condensation and dripping may occur. 37-3/8 (950) As for necessary installation / service space, please refer to the bottom, left figure. // // Indoor unit Ò. Models D В С 0 A 1 2 PLFY-P12NBMU-E Refrigerant pipe ...ø6.35 Flared connection ...1/4" Refrigerant pipe ---ø12.7 Flared connection ---1/2 PLEY-P15NBMU-F Ceiling, PLFY-P18NBMU-E Refrigerant pipe ø6.35 / ø9.52 Flared connectior 1/4" / 3/8" Refrigerant pipe ø12.7 / ø15.88 9-1/2 (241) 10-3/16 (258) 3-5/32 (80) 2-29/3 (74) Grille Flared connection 1/2" / 5/8" Min.94-1/2(2400) compatible) rom floo (compatible) Min.19-11/16(500) PLFY-P24NBMU-E Refrigerant pipe ...ø9.52 Flared connection ...3/8" Refrigerant pipe ---ø15.88 Flared connection ---5/8" PLFY-P30NBMU-E Entire periphery PLFY-P36NBMU-E Refrigerant pipe ø15.88 / ø19.05 Floor 11-3/4 (298) 3-11/32 (85) 1-1/16 (281) 3-1/32 (77) Flared connection 5/8" / 3/4" (compatible)



Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System The ISO 9000 series is a plant authorization system relating to quality warranties as stipulated by the ISO. ISO 9001 certifies quality warranties based on the "design, development, production, installation and auxiliary services" for products built at an authorized plant.

ISC 400 JACO

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired environmental management system standard ISO 14001 certification. The ISO 14000 series is a set of standards applying to environmental protection set by the

nal Standard Organization (ISO).

Certificate Number EC97J1227





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