PLFY-EP18NEMU-E1

Job Name:	
System Reference:	Date:



GENERAL FEATURES

- Square edge, sleek design
- 3D turbo fan enabling increased airflow
- Built-in 3D i-see Sensor®*
- Improved installation features*
- Occupancy detection*
- Energy saving features*
- Improved occupant comfort
- Four fan speed settings including auto-fan
- Corner pocket design for simplified installation
- Built-in condensate lift mechanism designed to provide up to 33-7/16″ of lift
- Ventilation air intake supported

*3D i-See sensor® settings requires either: PAR-40MAAU or PAR-CT01MAU-SB controller

ACCESSORIES

- □ Air Outlet Shutter Plate (3 pieces) (PAC-SJ37SP-E)
- □ High Efficiency Filter (PAC-SH59KF-E)
- □ Multi Function Casement (PAC-SJ41TM-E)
- □ Wireless Signal Receiver (PAR-SR4LU-E)
- □ CN24 Relay Kit (CN24RELAY-KIT-CM3)
- □ Wireless Remote Controller (PAR-SL100A-E)
- □ MaxiBlue Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (208/230V) up to 48,000 BTU/H [recommended] (X87-721 - 208/230V)

SPECIFICATIONS

Capacity*		
Cooling	Btu/h	18,000
Heating	Btu/h	20,000

* Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:
Cooling | Indoor: 80° F (26.7° C) DB / 67° F (19.4° 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 (6.1° C) WB

Electrical		
Electrical Power Requirements	1-phase, 208 / 230V, 60Hz	
Minimum Circuit Ampacity (MCA)	A	0.54
Recommended Fuse Size	A	15

External Dimensions (H x W x D)		
Unit	In. (mm)	11-3/4 x 33-3/32 x 33-3/32 (298 x 840 x 840)
Grill (PLP-41EAEU)	In. (mm)	1-9/16 x 37-13/32 x 37-13/32 (40 x 950 x 950)

Net Weight		
Unit	Lbs (kg)	55 (25)
Grill (PLP-41EAEU)	Lbs (kg)	11 (5)

External Finish	
Unit	Galvanized steel sheet
Grill (PLP-41EAEU)	MUNSELL (6.4Y 8.9/0.4)

Coil Type	Cross Fin

Fan		
Type x Quantity	Turbo fan x 1	
Airflow Rate (Low-Mid2-Mid1-High)	CFM	636 - 671 - 742 - 812
Motor Type	DC motor	
Motor Uutput	kW	0.12
Motor F.L.A.	A	0.43

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 (12.7) Flare

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

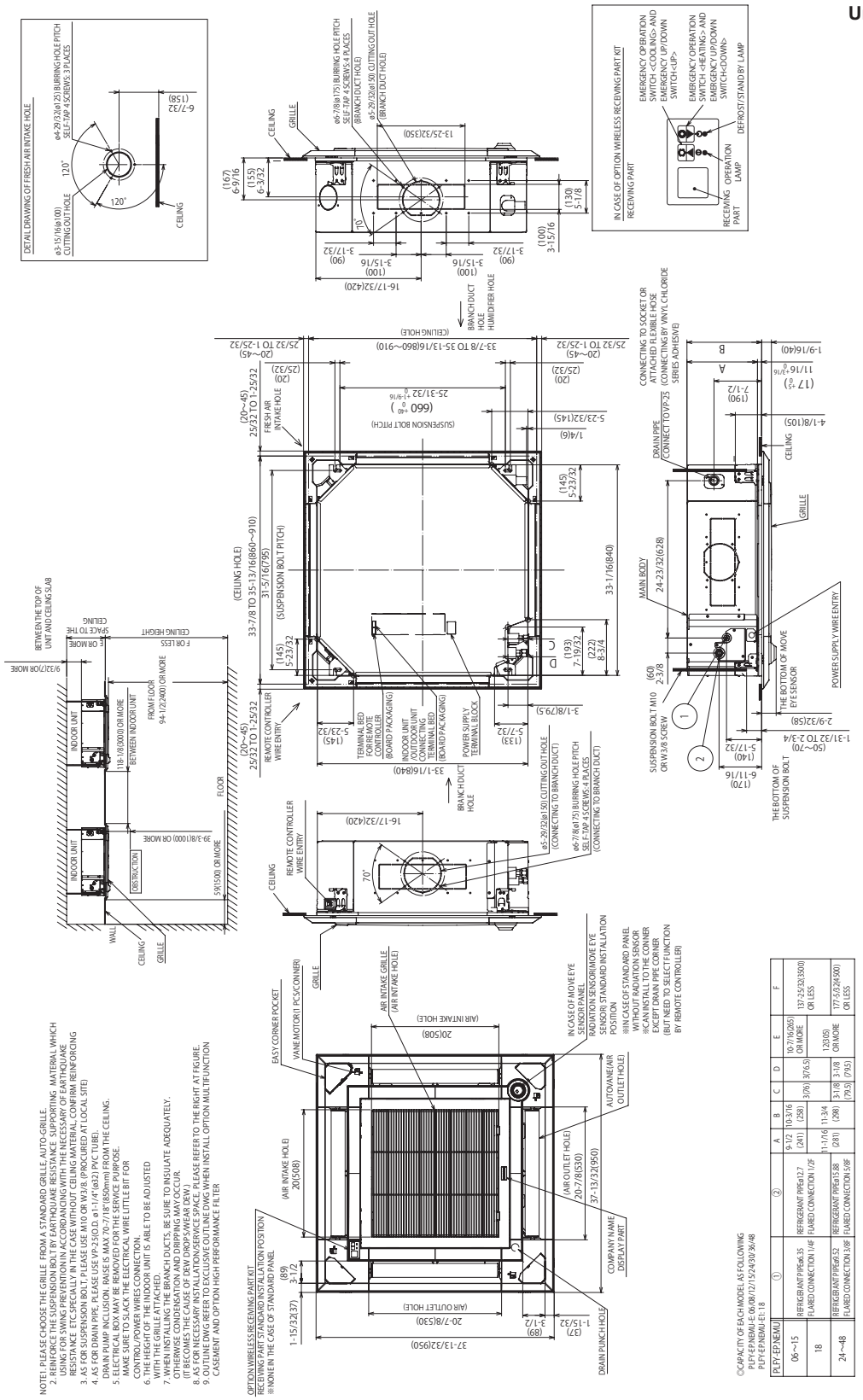
Sound Pressure Level		
Low-Mid2-Mid1-High	dB(A)	28 - 30 - 32 - 34

Specifications are subject to change without notice.

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Model: PLFY-EP18NEMU-E1 – DIMENSIONS

Unit: in (mm)



NOTE) PLEASE CHOOSE THE GRILLE FROM A STANDARD GRILLE, AUTO-GRILLE.
1. REINFORCE THE SUSPENSION BOLT BY EARTHQUAKE RESISTANCE SUPPORTING MATERIAL WHICH IS LOCALLY PROCURED IN ACCORDANCE WITH THE REGULATION OF EARTHQUAKE RESISTANCE ETC. SPECIALLY IN THE CASE WITHOUT CEILING MATERIAL, CONFIRM REINFORCING
2. AS FOR SUSPENSION BOLT, PLEASE USE M10 OR W 3/8. (PROCURED AT LOCAL SITE)
3. AS FOR DRAIN PIPE, PLEASE USE VP-25(O.D. ø1-1/4" (ø32) PVC TUBE).
DRAIN PUMP INCLUSION, RAISE IS MAX 70-7/18"(850mm) FROM THE CEILING.
4. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE.
MAKE SURE TO SLACK THE ELECTRICAL WIRE LITTLE BIT FOR CONTROL POWER WIRES CONNECTION.
5. THE HEIGHT OF THE INDOOR UNIT IS ABLE TO BE ADJUSTED WITH THE GRILLE ATTACHED.
6. WHEN INSTALLING THE BRANCH DUCTS, BE SURE TO INSULATE ADEQUATELY. OTHERWISE CONDENSATION AND DRIPPING MAY OCCUR. (IT BECOMES THE CAUSE OF DEW DROPS/SWEAR DEW.)
7. AS FOR RECEIVER PART INSTALLATION SERVICE SPACE, PLEASE REFER TO THE RIGHT AT FIGURE.
8. AUTO DOOR, REFER TO CLEARANCE DRAWING WHEN INSTALL OPTION MULTIFUNCTION CASEMENT AND OPTION HIGH PERFORMANCE FILTER

©CAPACITY OF EACH MODEL AS FOLLOWING
PLFY-EP NEMU-E: 06/08/12/15/24/30/36/48
PLFY-EP NEMU-E1: 18

PLFY-EP□NEMU	①	②	A	B	C	D	E	F
06~15	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 (76)	3 (76.5)	10-7/16 (265) OR MORE	137-25/32 (3500) OR LESS
18	REFRIGERANT PIPE ø6.35 FLARED CONNECTION 1/4"	REFRIGERANT PIPE ø15.88 FLARED CONNECTION 5/8"	11-1/16 (281)	11-3/4 (298)	3-1/8 (79.5)	3-1/8 (79.5)	12 (305) OR MORE	177-5/8 (4500) OR LESS
24~48	REFRIGERANT PIPE ø9.52 FLARED CONNECTION 3/8"	REFRIGERANT PIPE ø15.88 FLARED CONNECTION 5/8"						

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Form# PLFY-EP18NEMU-E1 - 202011

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