CITYMULTI®

PLFY-EP18NEMU-E1R1
18,000 BTU/H 33” X 33” 4-WAY CEILING CASSETTE

MITSUBISHI ELECTRIC
HEATING & AIR CONDITIONING

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 the PAR-40MAAU controller

Specifications			System
Unit Type			PLFY-EP18NEMU-E1R1
Cooling capacity (Nominal)[1]		BTU/H	18,000
Heating capacity (Nominal)[1]		BTU/H	20,000
Power source		Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz
Power Consumption	Cooling	kW	0.04
	Heating	kW	0.04
Current	Cooling	A	0.4
	Heating	A	0.4
MCA		A	0.54
Maximum Overcurrent Protection (MOCP)		A	15
External finish			Galvanized steel sheet
External Dimensions		In. [mm]	33-3/32 x 33-3/32 x 11-3/4 [840 x 840 x 258]
Net weight		Lbs [kg]	55 [25]
Heat exchanger			Cross fin (Aluminum fin and copper tube)
Fan	Type x quantity		Turbo fan x 1
	Airflow rate	CFM	636–671–742–812
	Motor type		DC motor
	Motor Output	kW	0.12
	Motor FLA	A	0.43
Sound pressure level (Measured in anechoic room)		dB(A)	28–30–32–34
Air filter			PP honeycomb (long life filter, anti-bacterial type)
Refrigerant	Type		R410A
Diameter of refrigerant pipe (O.D.)	Liquid (High Pressure)	In. [mm]	1/4 [6.35] Flare
	Gas (Low Pressure)	In. [mm]	1/2 [12.7] Flare
Diameter of drain pipe		In. [mm]	O.D. 1-1/4 [32]

NOTES:
Cooling | Indoor: 81° F (27° C) DB / 66° F (19°C) WB; Outdoor 95° F (35° C) DB
Heating | Indoor: 68° F (20° C) DB; Outdoor 45° F (7° C) DB / 43° F (6° C) WB

Specifications are subject to change without notice.

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INDOOR UNIT ACCESSORIES: PLFY-EP18NEMU-E1R1

Control Interface	Backup Heat Relay Kit Adapter for CN24 or CN152 on ducted models	☐ CN24RELAY-KIT-CM3
	IT Extender for kumo station™	☐ PAC-WHS01IE-E
	kumo station™ for kumo cloud®	☐ PAC-WHS01HC-E
	Procon BACnet® and Modbus® Interface	☐ PAC-UKPRC001-CN-1
	Thermostat Interface for 3rd Party Thermostats	☐ PAC-US445CN-1
Remote Sensor	Flush Mount Remote Temperature Sensor for SEZ, SLZ, SVZ and all P-Series models	☐ PAC-USSEN002-FM-1
Terminal Signal Adapter	CN105 Adapter for older models without a CN105 connector	☐ PAC-IT52AD-E
	CN105 Wire Harness Adapter for CN51	☐ PAC-IT51AD-E
Wired Remote Controller	Simple Ductless Wired Remote Controller	☐ PAC-SDW01RC-1
	Simple MA Remote Controller	☐ PAC-YT53CRAU-J
	Smart ME Remote Controller	☐ PAR-U01MEDU-K
	Touch MA Wired Remote Controller	☐ PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller & Receiver kit	☐ MHK2
	Universal Wireless MA Handheld Remote Controller	☐ PAR-FL32MA-E
	Universal Wireless Receiver for PAR-FL32MA-E	☐ PAR-FA32MA-W
	Wireless Handheld Remote Controller for SLZ, PLA, and PLFY models	☐ PAR-SL101A-E
	Wireless Receiver for PAR-SL101A-E on PLA-EA7 and PLFY-NEMU models	☐ PAR-SR4LU-E
	Wireless Remote Receiver Panel	☐ PAR-SR3LA-E
Casement	Multi-function Casement	☐ PAC-SJ41TM-E
Condensate	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	☐ X87-721
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	☐ X86-003
	Blue Diamond MultiTank — collection tank for use with multiple pumps	☐ C21-014
	Blue Diamond Sensor Extension Cable — 15 Ft.	☐ C13-103
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	☐ COMBI
	Sauermann Condensate Pump	☐ SI30-230
Filter	High Efficiency Filter Element**	☐ PAC-SH59KF-E
Lineset		☐ Lineset 3/8x5/8
Shutter Plate	Shutter Plate	☐ PAC-SJ37SP-E

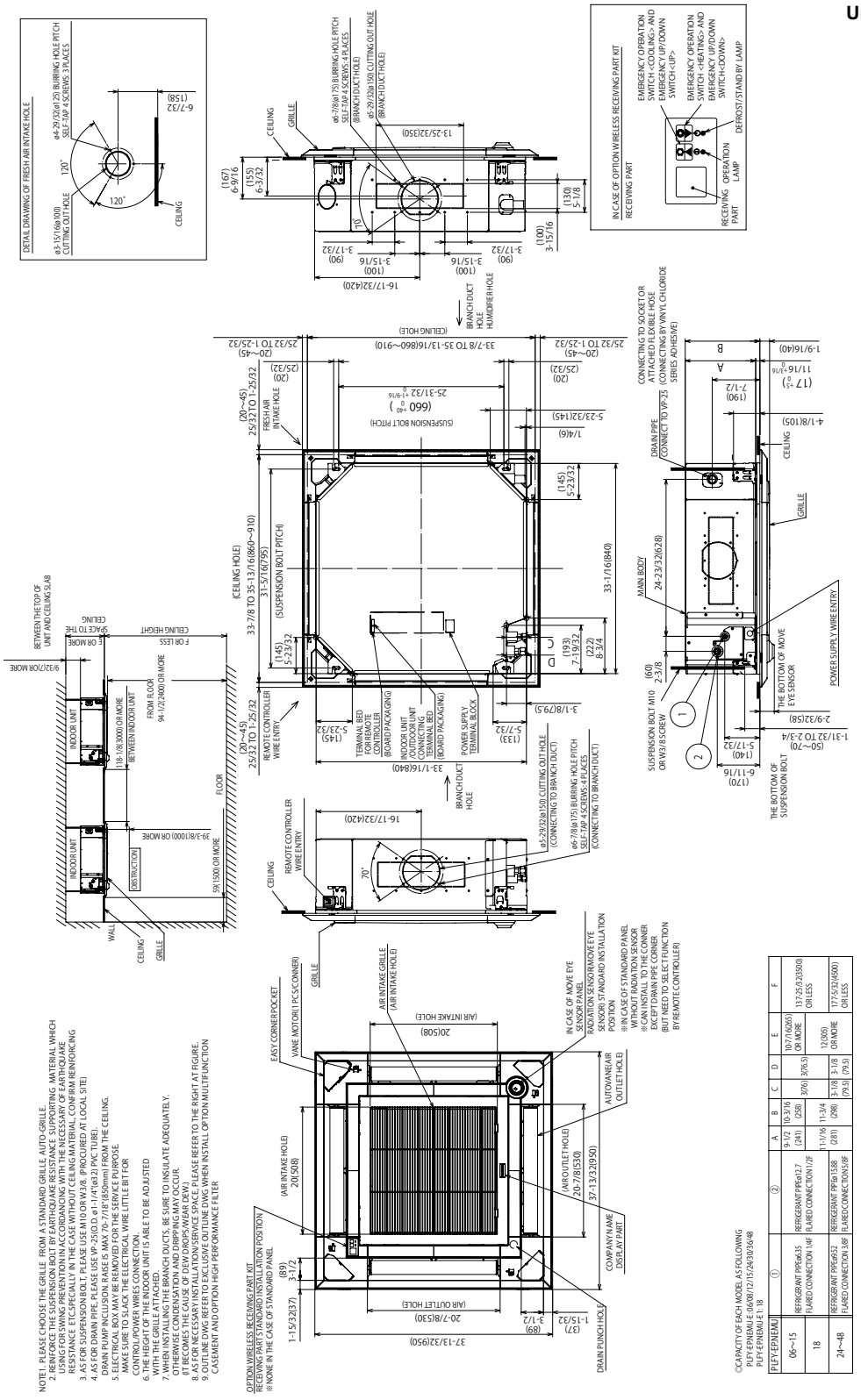
NOTES:
**High efficiency filter requires use of multi-function casement: PAC-SJ41TM-E

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INDOOR UNIT DIMENSIONS: PLFY-EP18NEMU-E1R1

Unit: in (mm)



NOTE: 1. PLEASE CHOOSE THE GRILLE FROM A STANDARD GRILLE, AUTO-GRILLE.
2. REINFORCE THE SUSPENSION BOLT BY EARTHQUAKE RESISTANCE SUPPORTING MATERIAL WHICH IS LOCALLY STANDARDIZED, IF NECESSARY. THE STRUCTURE SHOULD BE ABLE TO WITHSTAND RESISTANCE ETC. SPECIALLY IN THE CASE WITHOUT CEILING MATERIAL, CONFIRM REINFORCING
3. AS FOR SUSPENSION BOLT, PLEASE USE M10 OR W3/8. (PROCURED AT LOCAL SITE)
4. AS FOR DRAIN PIPE, PLEASE USE VP-25(O.D. ø 1-1/4"(ø32) PVC TUBE).
DRAIN PUMP INCLUSION, RAISE IS MAX 70-7/8"(850mm) FROM THE CEILING.
5. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE.
MAKE SURE TO SLACK THE ELECTRICAL WIRE LITTLE BIT FOR
CONTINUOUSLY WITH INDOOR UNIT'S ABLE TO BE ADJUSTED
6. THE HEIGHT OF THE INDOOR UNIT'S ABLE TO BE ADJUSTED
WITH THE GRILLE ATTACHED.
7. WHEN INSTALLING THE BRANCH DUCTS, BE SURE TO INSULATE ADEQUATELY.
OTHERWISE CONDENSATION AND DRIPPING MAY OCCUR.
IT BECOMES THE CAUSE OF DEW DROPS WEAR DEW.
8. AS FOR ELECTRICAL SCHEMATIC DIAGRAM, SEE EACH MANUAL. PLEASE REFER TO THE RIGHT AT FIGURE.
9. OUTLINE DWG REFER TO EXCLUSIVE OUTLINE DWG WHEN INSTALL OPTION MULTIFUNCTION CASEMENT AND OPTION HIGH PERFORMANCE FILTER

※CAPACITY OF EACH MODEL AS FOLLOWING
PLFY-EP06NEMU-E1R1, PLFY-EP08NEMU-E1R1, PLFY-EP12/15/18/24/30/36/48NEMU-E1R1

PLFY-EP□NEMU	①	②	A	B	C	D	E	F
06~15	REFRIGERANT PIPE ø6.35 FLARED CONNECTION 1/4F	REFRIGERANT PIPE ø12.7 FLARED CONNECTION 1/2F	9-1/2 (241)	10-3/16 (258)	3(76)	3(76.5)	10-7/16(265) OR MORE	137-25/32(35000) OR LESS
18	REFRIGERANT PIPE ø9.52 FLARED CONNECTION 3/8F	REFRIGERANT PIPE ø15.88 FLARED CONNECTION 5/8F	11-1/16 (281)	11-3/4 (298)	3-1/8 (79.5)	3-1/8 (79.5)	12(305) OR MORE	177-5/32(45000) OR LESS
24~48	REFRIGERANT PIPE ø9.52 FLARED CONNECTION 3/8F	REFRIGERANT PIPE ø15.88 FLARED CONNECTION 5/8F						

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FORM# PLFY-EP18NEMU-E1R1 - 202407

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