CITYMULTI®

PLFY-WL12NEMU-E.TH
12,000 BTU/H 33” X 33” HVRF 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 either PAR-40MAAU or PAR-41MAAU controller.

Specifications			System
Unit Type			PLFY-WL12NEMU-E.TH
Cooling capacity (Nominal)[1]		BTU/H	12,000
Heating capacity (Nominal)[1]		BTU/H	13,500
Power source		Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz
Power Consumption	Cooling	kW	0.03
	Heating	kW	0.03
Current	Cooling	A	0.33/0.33
	Heating	A	0.27/0.27
MCA		A	0.35/0.35
Water Volume		Gallons (Liters)	0.476 (1.8)
External finish			Galvanized Steel Plate
External Dimensions		In. [mm]	33-2/32 x 33-2/32 x 10-3/16 [840 x 840 x 258]
Net weight		Lbs [kg]	44 [20]
Heat exchanger			Cross fin (Aluminum fin and copper tube)
Fan	Type x quantity		Turbo Fan x 1
	Airflow rate	CFM	494–530–565–600
	Motor type		DC motor
	Motor Output	kW	0.05
	Motor FLA	A	0.28
Sound pressure level (Measured in anechoic room)		dB(A)	26–27–29–30
Air filter			PP honeycomb (long life filter, anti-bacterial type)
Diameter of drain pipe		In. [mm]	O.D. 37,987 [32]
Connectable HBC Controller			CMB-WP-NU-AA, CMB-WP-NU-AB
Diameter of Water Pipe Connections (O.D.)	Supply Connection (O.D.)	mm	22
	Return Connection (O.D.)	mm	22

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-WL12NEMU-E.TH

Wired Remote Controller	Deluxe Wired MA Remote Controller†	☐ PAR-40MAAU
	Simple MA Remote Controller†	☐ PAC-YT53CRAU-J
	Smart ME Remote Controller - Backlit touchscreen	☐ PAR-U01MEDU-K
	Touch MA Controller†	☐ PAR-CT01MAU-SB
Wireless Remote Controller	Wireless MA Remote Controller	☐ PAR-FL32MA-E
	Wireless Remote Contoller	☐ PAR-SL101A-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 (MegaBlue Advanced) Condensate Pump w/ Reservoir & Sensor	☐ X87-835
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	☐ X86-003
	Blue Diamond Alarm Extension Cable—6.5 Ft.	☐ C13-192
	Blue Diamond MultiTank — collection tank for use with multiple pumps	☐ C21-014
	Blue Diamond Sensor Extension Cable — 15 Ft.	☐ C13-103
	Drain Pan Level Sensor/Control	☐ SS610E
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	☐ COMBI
	Rubber Mounting / Isolation Pads (2)	☐ F10-011
	Sauermann Condensate Pump	☐ SI30-230
Control Interface	3-Pin Connector	☐ PAC-715AD
	CN24 Relay Kit	☐ CN24RELAY-KIT-CM3
	Connector and wire for Operation status/error using CN51	☐ PAC-725AD
Disconnect Switch	(30A/600V/UL) [fits 2” X 4” utility box] - White	☐ TAZ-MS303W
Filter	High Efficiency Filter Element**	☐ PAC-SH59KF-E
HBC Controller	Hybrid VRF Main BC 16 Port	☐ CMB-WP1016NU-AA
	Hybrid VRF Main BC 8 Port	☐ CMB-WP108NU-AA
	Hybrid VRF Sub BC 16 Port	☐ CMB-WP1016NU-AB
	Hybrid VRF Sub BC 8 Port	☐ CMB-WP108NU-AB
HVRF Accessories	(2x) Isolation Ball Valve and (2x) 22mm Compression Fitting	☐ KIT2-NA10883-CAL
	25mm Isoflow Multi, 25m Coil w/ 1” Titan	☐ 13630061001-REH
	25mm PVDF SDR11 Sleeve (Box QTY 50)	☐ 11803271001-REH
	25mm SDR11 Coupling (Bag QTY 10)	☐ 11690101001-REH
	25mm SDR11 Elbow (Bag QTY 10)	☐ 11691261001-REH
	25mm SDR11 x 3/4” FPT Fitting (Bag QTY 1)	☐ 15012451001-REH
	25mm SDR11 x 3/4” MPT Fitting(Bag QTY 10)	☐ 15012461001-REH
	25mm x 25mm x 25mm SDR11 Tee(Bag QTY 10)	☐ 11690561001-REH
	25mm x 25mm x 25mm SDR11 Tee(Bag QTY 10)	☐ 15012471001-REH
	40mm Isoflow Multi, 5m Stick w/ 1.5” Titan	☐ 13630071001-REH
	40mm PVDF SDR11 Sleeve (Box QTY 25)	☐ 11803291001-REH
	40mm SDR11 Coupling (Bag QTY 5)	☐ 11690151001-REH
	40mm SDR11 Elbow (Box QTY 1)	☐ 11691301001-REH
	40mm SDR11 x 3/4” MPT Fitting (Box QTY 1)	☐ 15012481001-REH
	40mm x 40mm x 25mm SDR11 Tee (Bag QTY 1)	☐ 11690691001-REH
	Compact Discal AAV w/ Hydroscopic Cap and Drain Plug	☐ KIT3-NA10884-CAL
	Copper Press Tailpieces (3/4”)	☐ KIT5-NA10881-CAL
	Drain Valve w/ Brass NPT T-Fitting	☐ KIT4-NA10885-CAL
	RAUTOOL A-Light2 Kombi Tool KIT	☐ 11094491001-REH
i-see Sensor® Panel	Grille with 3D i-see Sensor®	☐ PLP-41EAEU
Shutter Plate	Shutter Plate	☐ PAC-SJ37SP-E

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

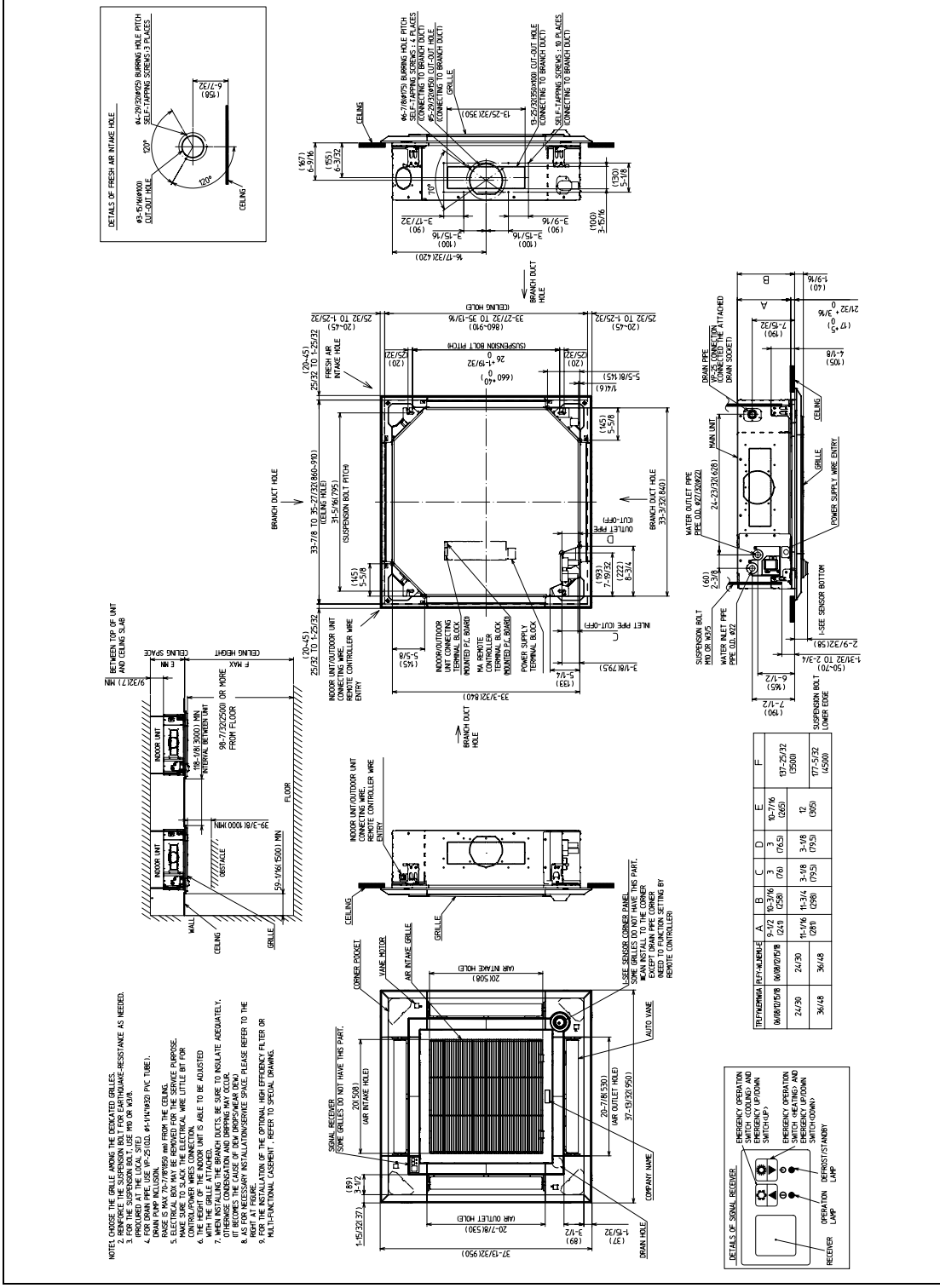
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INDOOR UNIT DIMENSIONS: PLFY-WL12NEMU-E.TH

PLFY-WL06, 08, 12, 15, 18, 24, 30, 36, 48 NEMU-E

Unit: in.(mm)



TYPE/NEMMA	PLFY-WL06NEMU-E	A	B	C	D	E	F
06/08/12/15/18	06/08/12/15/18	9-1/2 (241)	10-3/16 (258)	3 (76)	3 (76.5)	10-7/16 (265)	137-25/32 (3500)
24/30	24/30	11-1/16 (281)	11-3/4 (298)	3-1/8 (79.5)	3-1/8 (79.5)	12 (305)	177-5/32 (4500)
36/48	36/48						

NOTES:
1. CHOOSE THE GRILLE AMONG THE RECOMMENDED GRILLES.
2. PREPARE THE SUSPENSION BOLT FOR EARTHQUAKE-RESISTANCE AS NEEDED.
3. FOR THE SUSPENSION BOLT, USE M10 OR W3/8.
   (PROCURED AT THE LOCAL SITE)
4. FOR DRAIN PIPE, USE VP-25 (O.D. ø1-1/4"(ø32) PVC TUBE).
   (PROCURED AT THE LOCAL SITE)
5. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE.
   RAISE IS MAX 70-7/8"(1800 mm) FROM THE CEILING.
   CONTROL PANEL AND ELECTRICAL WIRE LITTLE BIT FOR
6. THE HEIGHT OF THE INDOOR UNIT IS 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.
8. INSTALL AS FAR AS POSSIBLE FROM THE CORNER.
   IT BECOMES THE CAUSE OF DEW DROPS/WEAR DEW.
9. AS FOR NECESSARY INSTALLATION/SERVICE SPACE, PLEASE REFER TO THE
   INSTALLATION MANUAL.
10. FOR THE INSTALLATION OF THE OPTIONAL HIGH EFFICIENCY FILTER OR
    MULTI-FUNCTIONAL CASEMENT , REFER TO SPECIAL DRAWING.

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