

## Submittal Data: PLFY-WL06NEMU-E-TH



6,000 BTU/H 4-Way Ceiling Cassette Heating and Cooling

Job Name:		Location:				
Schedule Reference:		Submitted By:				
Submitted To:		Reference:	Approva	al:	Construction:	,
Engineer:		Date:		Application:		
(Per	HVRF Fan Coil Unit designed specifically for use with CITY MULTI outdoor units			Dual set point functionality (*6)	1	

- New stylish and square design with built-in condensate lift mechanism
   Four fan speed settings
   Adjustable vane control through unit controller
- Independent cycling of horizontal and vertical vane positions

- 3D i-see Sensor<sup>TM</sup> available (\*6)
   Easier to install with ventilation air intake supp
- Lightweight, low profile compact design

Images provided for reference pur	poses only • Independent cycling of horizont	al and vertical vane positions			IT Terminal plug		
Specifications:							
Power source					1-	phase 208/230 V 60 Hz	
MCA / MOP			,	4		0.35 / 15	
Cooling capacity		*1	BT	J/h		6,000	
cooming capacity		*1		kW		1.8	
	Power input		k'	N		0.03	
	Current input		,	4		0.26	
Heating capacity	•	*2		J/h		6,700	
reacing capacity				kW		2.0	
	Power input	Power input		kW		0.03	
	Current input			Α		0.20	
External finish	12.2.2.4.4.2.			•	(	Galvanized steel plate	
External dimension H × W	/ x D		in	ch	10-3/16 × 33-2/32× 33-2/32		
External differision (1 ^ w ^ D				m	258 × 840 × 840		
Net weight			lbs		+	40 (18)	
100 110.6.10	Model	Model		.~~ (6/		PLP-41EAEU	
	External finish				MUNSELL (1.0Y 9.2/0.2)		
Decoration panel	Dimension			inch		1-9/16 x 37-13/32 x 37-13/32	
	H×W×D			m	1 3/	40 x 950 x 950	
	Net weight	lbs (kg)			11 (5)		
Heat exchanger	Net weight	ivet weight		199/ cai		Cross fin (Aluminum fin and copper tube)	
ileat excilariger	Water	Volumo		<u> </u>	Cross IIII (/	1.0	
FAN	Type × Quantity	Water Volume				Turbo fan × 1	
FAN				NG		0.0	
	External static pri	External static press.				0.0	
	Motor Typo	Pa Pa			DC motor		
	Motor output	Motor Type		kW		0.05	
		m	K	/V	0.05 Direct-driven		
		Driving mechanism				(Low-Mid2-Mid1-High)	
	Air flow rate	Air flow rate		cfm		(Low-iviid2-iviid1-High) 424-459-494-530	
		<u> </u>		m3/min		424-459-494-530 12-13-14-15	
		-		•		200-217-233-250	
Cound procesure lovel /mo		L/s					
Sound pressure level (measured in anechoic room)				dB <a></a>		(Low-Mid2-Mid1-High) 24-26-27-28	
Insulation material			ив	KA>		PS	
Insulation material					_		
Air filter Protection device					PP honeycomb (long life filter, anti-bacterial type)  Fuse		
						ruse	
Refrigerant control device Connectable HBC controller						- CMB-WP-NU-AA, CMB-WP-NU-AB	
	3, 4				CIVID-V	VP-INU-AA, CIVIB-WP-INU-AB	
Water piping diameter *		1					
	Connection size			mm O.D.		22	
<u> </u>		Outlet	mm O.D.		22		
	Field pipe size	Inlet	mm I.D. [in I.D.]		20 [1]		
Outlet			mm I.D. [in I.D.]		20 [1]		
Field drain pipe size			inch	inch (mm)		O.D. 1-1/4 (32)	
Model Number		Accessories	Model Number			Optional Accessories	
PLP-41EAEU	3D i-see Sensor c			PAC-SH65OF-E		Flange for fresh air intake	
PAC-SJ41TM-E	Multi-functional			PAR-SR4LU-E		Wireless signal receiver	
PAC-SH59KF-E	S 1		PAC-YU25HT	External heater adapter			
PAC-SJ37SP-E	Air outlet shutter	nlata (1 cot)					

## Notes:

- 1. Nominal cooling conditions
- Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
- Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)
- . Nominal heating conditions
- Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
- Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)
- . Be sure to install a valve on the water inlet/outlet. Install an automatic air vent.
- 1. Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
- . Ventilation air to be introduced independent of or in series with HVRF indoor units. Please refer to local codes for the required ventilation rates specific to the application.
- 6. All components of the system must be compatible.
- 7. Applications should be restricted to comfort heating and cooling only; process/equipment heating and cooling applications are not recommended.
- 8. Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved components and accessories for proper functioning of the unit(s).
- 9. Should any person change this document in any manner whatsoever without MESCA's written permission, the document shall be of no force and effect and any change

shall be deemed to be a representation and warranty made by that person and not MESCA. That person, and not MESCA, shall assume full responsibility for the consequences of such changes. MESCA assumes no

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## **Indoor Unit Outline and Dimensions:**





