MITSUBISHI ELECTRIC
Heating and Cooling

Submittal Data: PLFY-WL15NFMU-E-TH

15,000 BTU/H 4-Way Ceiling Cassette

CITY MULTI

Job Name:	Location:	
Schedule Reference:	Submitted By:	
Submitted To:	Reference: ☐ Approval: ☐ Construction: ☐	
Engineer:	Date:	Application:

Images provided for reference purposes only

- HVRF Fan Coil Unit designed specifically for use with CITY MULTI outdoor units
- Square edge, sleek design with built-in condensate lift mechanism.
- Improved installation features with ventilation air intake supported
- Improved occupant comfort, with individual vane settings
- Corner-pocket design for simplified installation, with four fan speeds settings including auto-fan

- Dual set point functionality (*6)
- 3D i-see Sensor™ available (*6)
- Occupancy detection with 3D i-see Sensor™ (*6)
- Energy saving features with 3D i-see Sensor™ (*6)
- 2" x 2" size matches size of many ceiling tiles

Specifications:

Power source				1-phase 208/230 V 60 Hz
MCA / MOP			A	0.36 / 15
Cooling capacity		*1	BTU/h	15,000
		*1	kW	4.4
	Power input		kW	0.05
	Current input		A	0.46
Heating capacity		*2	BTU/h	17,000
		*2	kW	5.0
	Power input		kW	0.05
	Current input		A	0.40
External finish				Galvanized steel plate
External dimension H × W × D			inch	8-3/16 × 22-7/16 × 22-7/16
			mm	208 × 570 × 570
Net weight			lbs (kg)	31 (14)
Decoration panel	Model			SLP-18FAEU
	External finish			MUNSELL (1.0Y 9.2/0.2)
	Dimension		inch	13/32 × 24-19/32 × 24-19/32
	H × W × D		mm	10 × 625 × 625
	Net weight		lbs (kg)	7 (3)
Heat exchanger				Cross fin (Aluminum fin and copper tube)
	Water Volume		L	0.9
FAN	Type × Quantity			Turbo fan × 1
	External static press.		in.WG	0.0
			Pa	0.0
	Motor Type			DC motor
	Motor output		kW	0.05
	Driving mechanism			Direct-driven
	Air flow rate			(Low-Mid-High)
			cfm	230-406-459
			m3/min	6.5-11.5-13.0
			L/s	108-192-217
Sound pressure level (measured in anechoic room)				(Low-Mid-High)
			dB <A>	27-40-43
Insulation material				PS
Air filter				PP honeycomb fabric (long life type)
Protection device				Fuse
Refrigerant control device				-
Connectable HBC controller				CMB-WP-NU-AA, CMB-WP-NU-AB
Water piping diameter *3, 4				
	Connection size	Inlet	mm O.D.	22
		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 (mm)	O.D. 1-1/4 (32)

Optional Accessories:		Model Number
3D i-see Sensor panel (Required Sold Seperately)	☐	SLP-18FAEU
3D i-see Sensor corner panel	☐	PAC-SF1ME-E
Wireless signal receiver	☐	PAR-SF9FA-E
External Heater Adapter	☐	PAC-YU25HT

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)
2. 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)
3. Be sure to install a valve on the water inlet/outlet. Install an automatic air vent.
4. Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
5. 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 responsibility for any consequences in such cases.

Submittal Data: PLFY-WL15NFMU-E-TH

Indoor Unit Outline and Dimensions: