

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
- 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

- Dual set point functionality^(*)
- 3D i-see SensorTM available^(**)
- Easier to install with ventilation air intake supported
- Lightweight, low profile compact design
- IT Terminal plug

Specifications:

Power source	1-phase 208/230 V 60 Hz			
MCA / MOP	A	0.70 / 15		
Cooling capacity	*1	BTU/h	48,000	
	*1	kW	14.1	
		Power input	kW	0.11
		Current input	A	1.05
Heating capacity	*2	BTU/h	54,000	
	*2	kW	15.8	
		Power input	kW	0.11
		Current input	A	0.99
External finish	Galvanized steel plate			
External dimension H x W x D	inch	11-3/4 x 33-3/32 x 33-3/32		
	mm	298 x 840 x 840		
Net weight	lbs (kg)	55 (25)		
Decoration panel	Model	PLP-41EAEU		
	External finish	MUNSELL (1.0Y 9.2/0.2)		
	Dimension	inch	1-9/16 x 37-13/32 x 37-13/32	
	H x W x D	mm	40 x 950 x 950	
Heat exchanger	Net weight	lbs (kg)	11 (5)	
	Cross fin (Aluminum fin and copper tube)			
FAN	Water Volume	L	3.1	
	Type x Quantity	Turbo fan x 1		
	External static press.	in.WG	0.0	
		Pa	0.0	
	Motor Type	DC motor		
	Motor output	kW	0.12	
	Driving mechanism	Direct-driven		
	Air flow rate	(Low-Mid2-Mid1-High)		
cfm		706-883-1059-1236		
m3/min		20-25-30-35		
Sound pressure level (measured in anechoic room)	L/s	333-417-500-583		
	dB <A>	(Low-Mid2-Mid1-High) 33-37-40-46		
Insulation material	PS			
Air filter	PP honeycomb (long life filter, anti-bacterial 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.]	30 [1-1/4]
		Outlet	mm I.D. [in I.D.]	30 [1-1/4]
Field drain pipe size	inch (mm)		O.D. 1-1/4 (32)	

Notes:

- Nominal cooling conditions
Indoor: 80°FDB./67°FWB. (26.7°CDB./19.4°CWB.), Outdoor: 95°FDB. (35°CDB.)
Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)
- Nominal heating conditions
Indoor: 70°FDB. (21.1°CDB.), Outdoor: 47°FDB./43°FWB. (8.3°CDB./6.1°CWB.)
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.
- 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.
- All components of the system must be compatible.
- Applications should be restricted to comfort heating and cooling only; process/equipment heating and cooling applications are not recommended.
- 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).
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