

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 Sensor ^(**) available ^(***)
- Easier to install with ventilation air intake supported
- Lightweight, low profile compact design
- IT Terminal plug

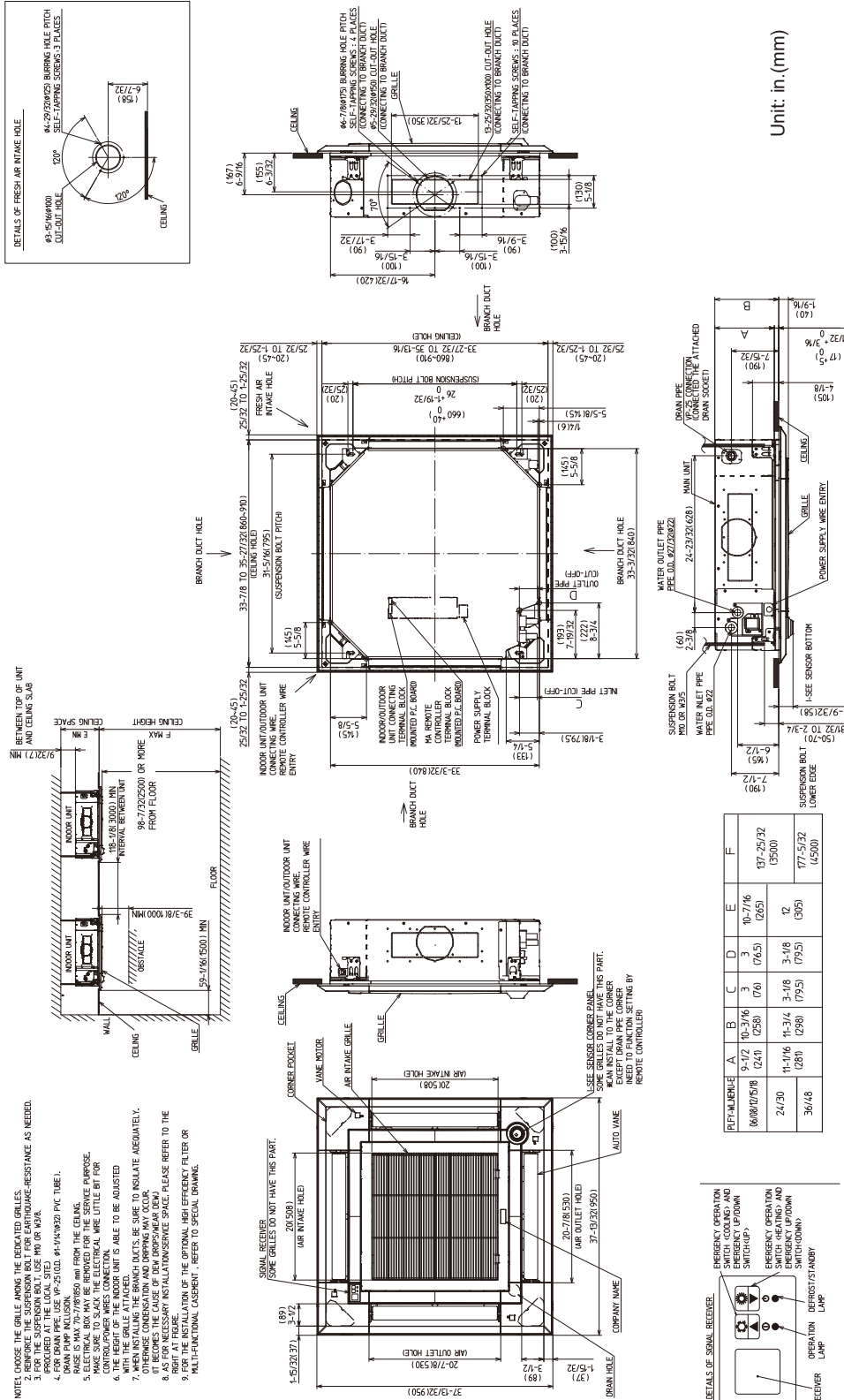
Specifications:

Power source		1-phase 208/230 V 60 Hz		
MCA / MOP	A	0.70 / 15		
Cooling capacity	*1	BTU/h	30,000	
	*1	kW	8.8	
		Power input	kW	0.05
		Current input	A	0.46
Heating capacity	*2	BTU/h	34,000	
	*2	kW	10.0	
		Power input	kW	0.05
		Current input	A	0.40
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)	51 (23)	
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
Net weight		lbs (kg)	11 (5)	
Heat exchanger		Cross fin (Aluminum fin and copper tube)		
Water Volume		L	2.1	
FAN	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		530-636-742-812
m3/min		15-18-21-23		
L/s		250-300-350-383		
Sound pressure level (measured in anechoic room)		(Low-Mid2-Mid1-High)		
		dB <A>	27-30-33-35	
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	
		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:

1. 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)
2. 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)
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.

Indoor Unit Outline and Dimensions:



Unit: in. (mm)