

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<sup>(1)(4)</sup>
- 3D i-see Sensor™ available<sup>(1)(4)</sup>
- Occupancy detection with 3D i-see Sensor™<sup>(1)(4)</sup>
- Energy saving features with 3D i-see Sensor™<sup>(1)(4)</sup>
- 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	12,000	
	*1	kW	3.5	
		Power input	kW	0.04
		Current input	A	0.38
Heating capacity	*2	BTU/h	13,500	
	*2	kW	4.0	
		Power input	kW	0.04
		Current input	A	0.32
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	230-318-424	
m3/min		6.5-9.0-12.0		
	L/s	108-150-200		
Sound pressure level (measured in anechoic room)	(Low-Mid-High)			
	dB <A>	27-33-41		
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 <sup>*3,4</sup>	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:**

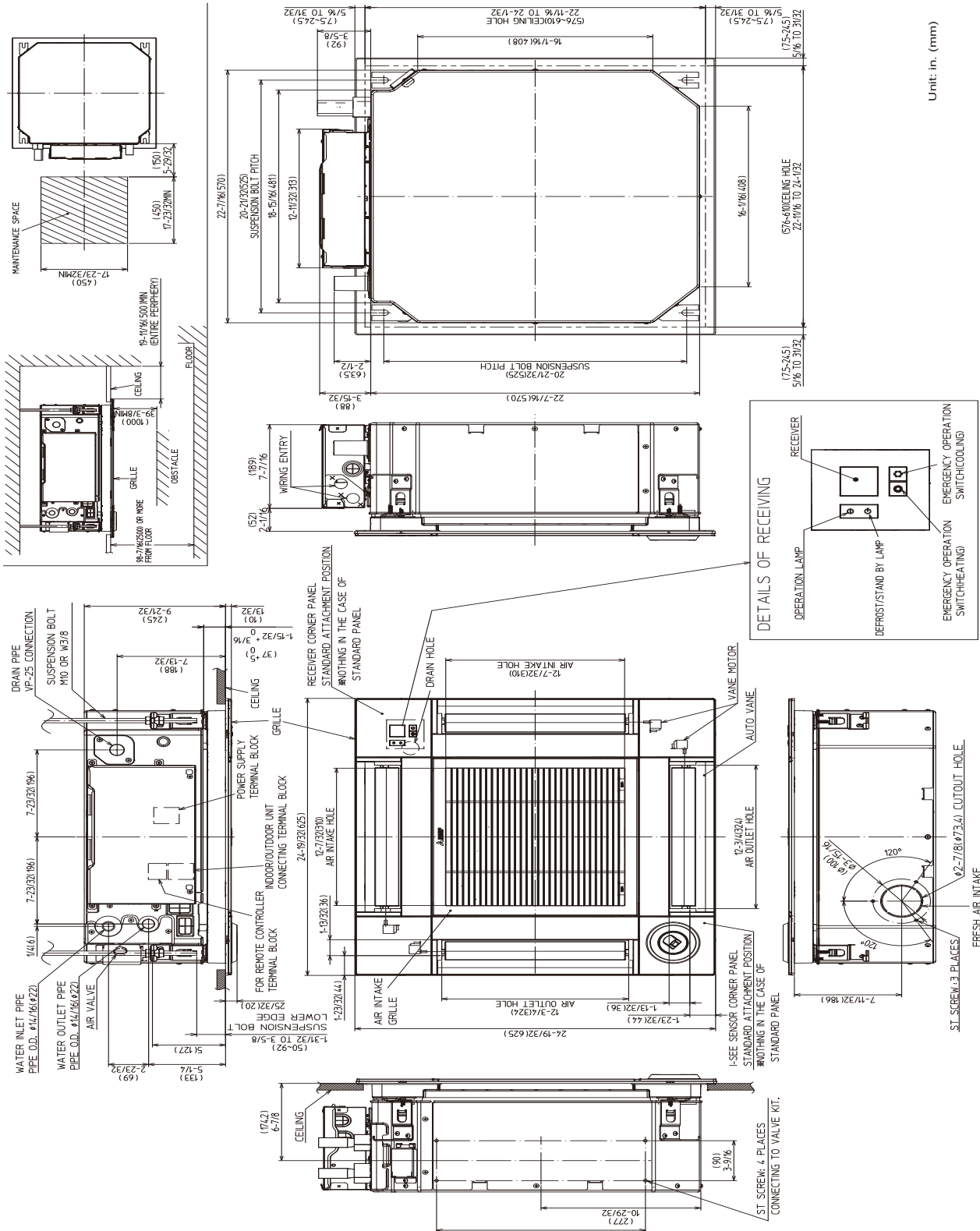
	Model Number
3D i-see Sensor panel (Required Sold Separately)	SLP-18FAEU
3D i-see Sensor corner panel	PAC-SF1ME-E
Wireless signal receiver	PAR-SF9FA-E
External Heater Adapter	PAC-YU25HT

**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).
- 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)