CITY MULTI

TPEFYP012MA1M0A
12,000 BTU/H CEILING CONCEALED INDOOR UNIT

Job Name:			
System Reference:		**Date:**	

GENERAL FEATURES

- Quiet: Outdoor units are as quiet as a typical conversation, and most indoor units are whisper quiet.
- Dual Set Point: The controller can be used to program two different set points. The unit will automatically adjust between the set points for optimum comfort.
- Condensate Lift Mechanism: Reduces the need for an additional pump to remove condensate. Units with a condensate lift mechanism also include an overflow safety switch.
- Leak Detection Sensor Built-in: Dual Compatible (R32/R454B) Refrigerant Leak Sensor built-in
- Dual Compatible Refrigerant: Indoor unit is dual compatible with both R-32 and R-454B refrigerants.

SPECIFICATIONS			SYSTEM
UNIT TYPE			TPEFYP012MA1M0A
Cooling Capacity (Nominal)[1]	Cooling Capacity (Nominal)	Btu/h	12,000
Heating Capacity (Nominal)[1]	Heating Capacity (Nominal)	Btu/h	13,500
Electrical	Voltage, Phase, Frequency	V AC / V AC , ø , Hz	208 / 230 , 1 , 60
	Power Consumption Cooling		0.05
	Power Consumption Heating		0.05
	Current Cooling		0.56
	Current Heating		0.56
	MCA	A	1.88
	MOCP	A	15
Indoor Unit	External Finish Color		Galvanized Steel
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	27-9/16 x 28-7/8 x 9-7/8 [700 x 732 x 250]
	Unit Weight	lbs [kg]	48 [21.50]
	Heat Exchanger		Cross fin (Aluminum fin and Copper Tube)
	Dual Barrier Coating on HEX		No
	Dual Barrier Coating on Fan		No
Refrigerant	Type		R-32 / R-454B
Fan	Type x Quantity		Sirocco fan x 1
	Motor Type		DC Motor
	Motor Output	W	85
	External Static Pressure	in.WG , in.WG , in. WG , in.WG in.WG Factory set to in.WG in. WG	0.14 , 0.20 , 0.28 , 0.40 0.60 Factory set to 0.20 in. WG
	Airflow Rate	CFM	265 , 318 , 371
Sound Pressure Level (Measured in anechoic room)	Cooling	dB (A)	26 , 30 , 34
	Heating	dB (A)	26 , 30 , 34
Piping	Liquid Pipe Size O.D.	inch [mm]	1/4 [6.35]
	Gas Pipe Size O.D.	inch [mm]	1/2 [12.72]
	Drain Pipe Size O.D.	inch [mm]	1-1/4 [32]

Notes

[1]Cooling / Heating capacity indicated at operation under the following conditions: Cooling | Indoor: 81° F (27° C) DB / 68° F (19° C) WB; Outdoor 95° F (35° C) DB Heating | Indoor: 68° F (20° C) DB; Outdoor 45° F (7° C) DB / 43° F (6° C) WB

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INDOOR UNIT ACCESSORIES: TPEFYP012MA1M0A

Alarm Kit	Alarm kit	PAC-SL54AL-E
	Power supply interface for Alarm Kit	PAC-IF55AL-E
Condensate	Blue Diamond MicroBlue Mini Condensate Pump 110208230V up to 18000 BTUH	X86-003
	Blue Diamond Advanced Mini Condensate Pump w Reservoir Sensor 208230V recommended	X88-721
	Refco Condensate Pump 100-240 VAC up to 120000 BTUH	COMBI
	Sauermann Condensate Pump	SI30-230
Control Interface	Procon BACnet and Modbus Interface	PAC-UKPRC001-CN-1
	Wireless Interface Adapter for the Comfort app	PAC-USWHS002-WF-2
	IT Extender for kumo station	PAC-WHS01IE-E
	Thermostat Interface	PAC-US446CN-1
	kumo station for the Comfort app	PAC-WHS01HC-E
Control Wire	MA Control Wire - 1,000 Feet	CW222-1000
	M-Net Control Wire - 250 Foot Roll	CW162S-250
	M-Net Control Wire - 1,000 Foot Roll	CW162S-1000
	MA Control Wire - 250Feet	CW222-250
Filter Box	Filter Box with 2" thick pleated MERV 13 Filter	FBM2-1-A
Lineset	100 x 1/4 x 100 1/2 Lineset Twin-Tube Insulation	MLS141212T-100
	65 x 1/4 x 65 1/2 Lineset Twin-Tube Insulation	MLS141212T-65
	15 x 1/4 x 15 1/2 Lineset Twin-Tube Insulation	MLS141212T-15
	50 x 1/4 x 50 1/2 Lineset Twin-Tube Insulation	MLS141212T-50
	30 x 1/4 x 30 1/2 Lineset Twin-Tube Insulation	MLS141212T-30
Remote Sensor	Wireless temperature and humidity sensor for the Comfort app	PAC-USWHS003-TH-1
	Flush Mount Remote Temperature Sensor	PAC-USSEN002-FM-2
	Wall Mount Remote Temperature Sensor	PAC-SE42TS-E
Terminal Signal Adapter	Backup Heat Relay Kit Adapter for CN24 or CN152 Connector	CN24RELAY-KIT-CM3
	5-Pin Wiring Harness	PAC-725AD
	3-Pin Wiring Harness	PAC-715AD
Wired Remote Controller	Touch MA Wired Remote Controller	PAR-CT01MAU-SB
	Simple Direct Wired Remote Controller	PAC-SDW01RC-2
	Deluxe MA Remote Controller	PAR-43MAAUB
	Smart ME Remote Controller - Backlit touchscreen	PAR-U01MEDU-K
	Simple MA Remote Controller	PAC-YT53CRAU-J
Wireless Remote Controller	Wireless Universal Signal Receiver (for PAR-SL101A-E)	PAR-SA9CA-E
	Wireless MA Signal Receiver (for PAR-FL32MA-E)	PAR-FA32MA
	RedLINK Wireless Remote Controller	MHK2
	Wireless MA Remote Controller	PAR-FL32MA-E
	Wireless Remote Contoller	PAR-SL101A-E

Notes

[1]Requires MAC-334IF-E Interface to connect MA controller

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INDOOR UNIT DIMENSIONS: TPEFYP012MA1M0A

PEFY-M06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-A

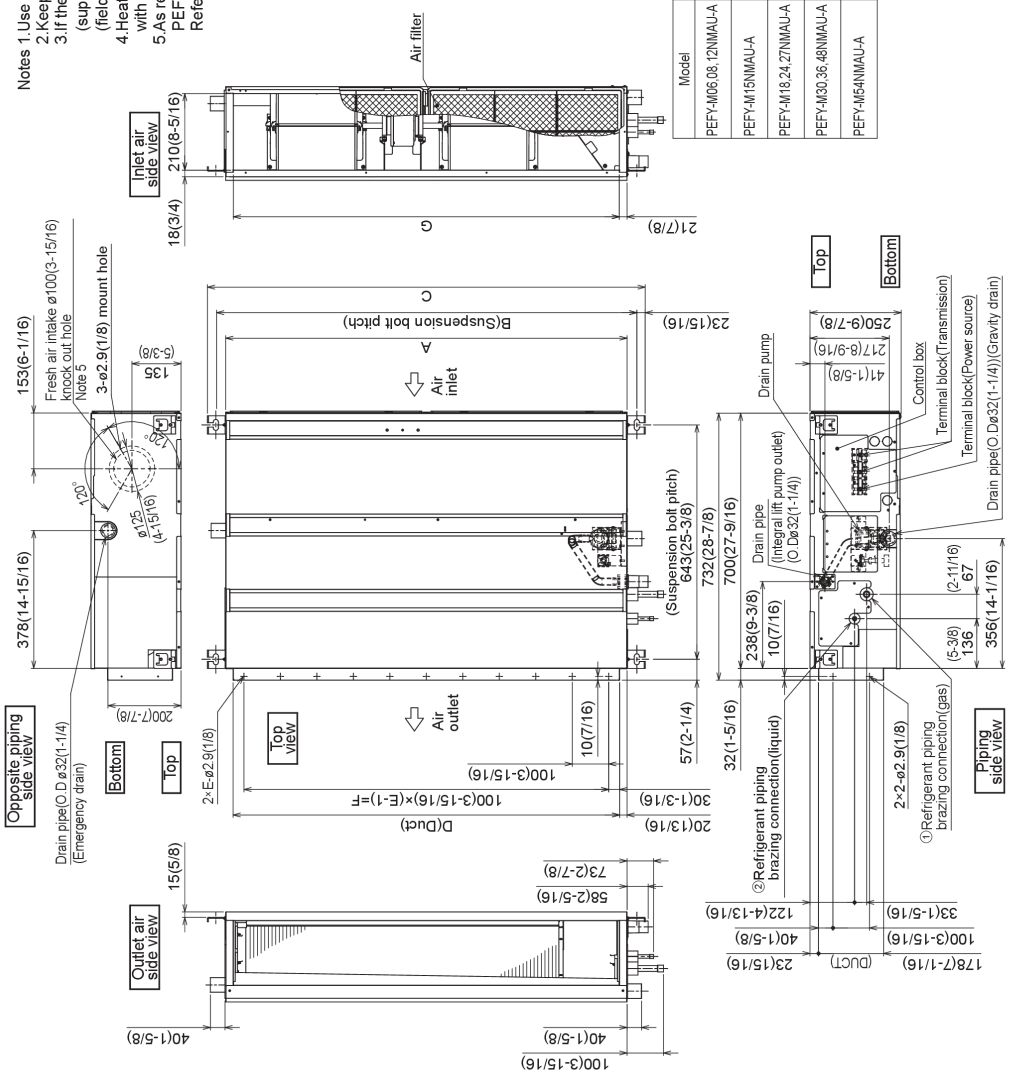
Unit: mm (in.)

Notes
1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for maintenance at the bottom.
3. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.
4. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.
5. As representative drawing, PEFY-M18 · 24 · 27NMAU-A is shown in this drawing. Refer to below information about the number of fan.

Model	Number of fan
PEFY-M06,08,12NMAU-A	1
PEFY-M15,18,24,27NMAU-A	2
PEFY-M30,36,48,54NMAU-A	3

Model	①Gas pipe	②Liquid pipe
PEFY-M06,08,12, 15,18NMAU-A	ø12.7 (1/2)	ø6.35 (1/4)
PEFY-M24,27,30, 36,48,54NMAU-A	ø15.88 (5/8)	ø9.52 (3/8)

Model	A	B	C	D	E	F	G
PEFY-M06,08,12NMAU-A	700 (27-9/16)	754 (29-11/16)	800 (31-1/2)	660 (26)	7	600 (23-5/8)	658 (25-15/16)
PEFY-M15NMAU-A	900 (35-7/16)	954 (37-9/16)	1000 (39-3/8)	860 (33-7/8)	9	800 (31-1/2)	858 (33-13/16)
PEFY-M18,24,27NMAU-A	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)
PEFY-M30,36,48NMAU-A	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)
PEFY-M54NMAU-A	1600 (63)	1654 (65-1/8)	1700 (66-15/16)	1560 (61-7/16)	16	1500 (59-1/16)	1558 (61-3/8)



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Specifications are subject to change without notice.

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