CITY MULTI®

PEFY-M30NMHU-A
30,000 BTU/H CEILING CONCEALED INDOOR UNIT

MITSUBISHI ELECTRIC
HEATING & AIR CONDITIONING

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

GENERAL FEATURES

- 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			PEFY-M30NMHU-A
Cooling Capacity (Nominal)[1]	Cooling Capacity (Nominal)	Btu/h	30000
Heating Capacity (Nominal)[1]	Heating Capacity (Nominal)	Btu/h	34000
Electrical	Voltage, Phase, Frequency	V AC / V AC , ø , Hz	208 / 230 , 1 , 60
	Power Consumption Cooling	kW	0.22
	Power Consumption Heating	kW	0.22
	Current Cooling	A	1.50
	Current Heating	A	1.50
	MCA	A	3.38
	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]	40-9/16 x 35-7/16 x 15 [1030 x 900 x 380]
	Unit Weight	lbs [kg]	104 [47]
	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	Motor Type		DC Motor
	Motor Output	W	300
	External Static Pressure	in.WG	0.40 , 0.60 , 0.80 , 1
	Factory Default Static Pressure	in.WG	0.60
	Airflow Rate	CFM	636 , 759 , 883
Sound Pressure Level (Measured in anechoic room)	Cooling	dB (A)	31 , 35 , 40
	Heating	dB (A)	31 , 35 , 40
Piping	Liquid Pipe Size O.D.	inch [mm]	3/8 [9.52]
	Gas Pipe Size O.D.	inch [mm]	5/8 [15.88]
	Drain Pipe Size O.D.	inch [mm]	1.25 [32]

Notes

[1]Cooling / Heating capacity indicated at operation under the following conditions: Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor 95° F (35° C) DBHeating | Indoor: 68° F (20° C) DB; Outdoor 45° F (7° C) DB / 43° F (6° C) WB

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INDOOR UNIT ACCESSORIES: PEFY-M30NMHU-A

Alarm Kit	Alarm kit	☐	PAC-SL54AL-E
	Power supply interface for Alarm Kit	☐	PAC-IF55AL-E
Condensate	Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h	☐	X88-721
	Blue Diamond MultiTank collection tank for use with MegaBlue	☐	C21-014
	Blue Diamond Sensor Extension Cable 15 Ft	☐	C13-103
	Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h	☐	X87-835
	Refco Condensate Pump 100-240V up to 120k BTU/h	☐	COMBI
	Sauermann Condensate Pump 120-230V up to 60k BTU/h	☐	SI30-230
Control Interface	Thermostat Interface	☐	PAC-US446CN-1
	Wireless Interface 2 for Comfrot app	☐	PAC-USWHS002-WF-2
	kumo station® for Comfort app	☐	PAC-WHS01HC-E
	Procon BACnet® and Modbus® Interface	☐	PAC-UKPRC001-CN-1
	IT Extender	☐	PAC-WHS01IE-E
Control Wire	M-Net Control Wire - 250 Foot Roll	☐	CW162S-250
	MA Control Wire - 1,000 Feet	☐	CW222-1000
	MA Control Wire - 250Feet	☐	CW222-250
	M-Net Control Wire - 1,000 Foot Roll	☐	CW162S-1000
Filter Box	Filter Box with 2" thick pleated MERV 13 Filters	☐	FBH2-2
Lineset	3/8 x 5/8 Lineset Twin-Tube Insulation - 50 feet	☐	MPLS385812T-50
	3/8 x 5/8 Lineset Twin-Tube Insulation - 10 feet	☐	MPLS385812T-10
	3/8 x 5/8 Lineset Twin-Tube Insulation - 65 feet	☐	MPLS385812T-65
	3/8 x 5/8 Lineset Twin-Tube Insulation - 15 feet	☐	MPLS385812T-15
	3/8 x 5/8 Lineset Twin-Tube Insulation - 30 feet	☐	MPLS385812T-30
	3/8 x 5/8 Lineset Twin-Tube Insulation - 100 feet	☐	MPLS385812T-100
Remote Sensor	Wall Mount Remote Temperature Sensor	☐	PAC-SE42TS-E
	Wireless temperature and humidity sensor for Comfort app	☐	PAC-USWHS003-TH-1
	Flush Mount Remote Temperature Sensor	☐	PAC-USSEN002-FM-2
Terminal Signal Adapter	Connector and wire for On/Off and Fan command using CN32	☐	PAC-715AD
	Backup Heat Relay Kit	☐	CN24RELAY-KIT-CM3
	Connector and wire for On/Off and Error status using CN51 and CN52	☐	PAC-725AD
Wired Remote Controller	Simple MA Remote Controller	☐	PAC-YT53CRAU-J
	Touch MA Remote Controller	☐	PAR-CT01MAU-SB
	Simple Direct Wired Remote Controller	☐	PAC-SDW01RC-2
	Deluxe MA Remote Controller	☐	PAR-43MAAUB
	Smart ME Remote Controller	☐	PAR-U01MEDU-K
Wireless Remote Controller	Wireless MA Handheld Remote Controller (requires PAR-FA32MA-E)	☐	PAR-FL32MA-E
	Wireless MA Signal Receiver (for PAR-FL32MA-E)	☐	PAR-FA32MA
	Wireless RedLINK™ Remote Controller	☐	MHK2

Notes

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

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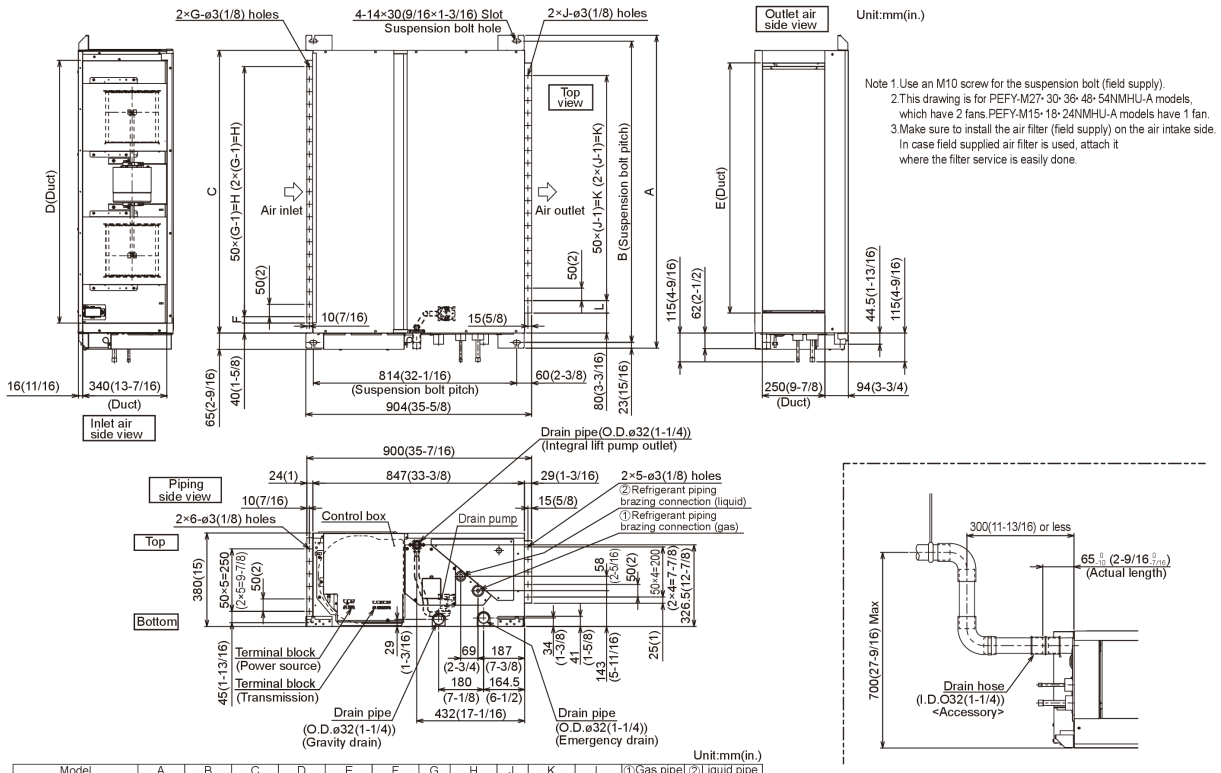
INDOOR UNIT DIMENSIONS: PEFY-M30NMHU-A

PEFY-M15, 18, 24, 27, 30, 36, 48, 54NMHU-A



Note 1.Use an M10 screw for the suspension bolt (field supply).
2.This drawing is for PEFY-M27・30・36・48・54NMHU-A models, which have 2 fans.PEFY-M15・18・24NMHU-A models have 1 fan.
3.Make sure to install the air filter (field supply) on the air intake side. In case field supplied air filter is used, attach it where the filter service is easily done.

Unit:mm(in.)

Model	A	B	C	D	E	F	G	H	J	K	L	①Gas pipe	②Liquid pipe
PEFY-M15·18NMHU-A	800 (31-1/2)	754 (29-11/16)	680 (26-13/16)	600 (23-5/8)	550 (21-11/16)	50 (2)	11	500 (19-11/16)	10	450 (17-3/4)	50 (2)	ø12.7 (1/2)	ø6.35 (1/4)
PEFY-M24NMHU-A													
PEFY-M27·30NMHU-A	1085 (42-3/4)	1039 (40-15/16)	965 (38)	885 (34-7/8)	835 (32-7/8)	42.5 (1-11/16)	17	800 (31-1/2)	15	700 (27-9/16)	67 (2-11/16)	ø15.88 (5/8)	ø9.52 (3/8)
PEFY-M36·48·54NMHU-A	1250 (49-1/4)	1204 (47-7/16)	1130 (44-1/2)	1050 (41-3/8)	1000 (39-3/8)	25 (1)	21	1000 (39-3/8)	19	900 (35-7/16)	50 (2)		

Unit: mm (in.)

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Specifications are subject to change without notice.
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