CITY MULTI®

PEFY-M96NMHU-A
96,000 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-M96NMHU-A
Cooling Capacity (Nominal)[1]	Cooling Capacity (Nominal)	Btu/h	96000
Heating Capacity (Nominal)[1]	Heating Capacity (Nominal)	Btu/h	108000
Electrical	Voltage, Phase, Frequency	V AC / V AC , ø , Hz	208 / 230 , 1 , 60
	Power Consumption Cooling	kW	1
	Power Consumption Heating	kW	0.99
	Current Cooling	A	5.41
	Current Heating	A	5.05
	MCA	A	9.02
	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]	49-1/4 x 44-1/8 x 18-1/2 [1250 x 1120 x 470]
	Unit Weight	lbs [kg]	218 [99]
	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	1122
	External Static Pressure	in.WG	0.40 , 0.60 , 0.80 , 1
	Factory Default Static Pressure	in.WG	0.60
	Airflow Rate	CFM	2048 , 2507 , 2966
Sound Pressure Level (Measured in anechoic room)	Cooling	dB (A)	40.50 , 45 , 48.50
	Heating	dB (A)	40.50 , 45 , 48.50
Piping	Liquid Pipe Size O.D.	inch [mm]	3/8 [9.52]
	Gas Pipe Size O.D.	inch [mm]	7/8 [22.23]
	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

© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

INDOOR UNIT ACCESSORIES: PEFY-M96NMHU-A

Alarm Kit	Alarm kit	☐	PAC-SL54AL-E
	Power supply interface for Alarm Kit	☐	PAC-IF55AL-E
Condensate	Blue Diamond Sensor Extension Cable 15 Ft	☐	C13-103
	Blue Diamond MultiTank collection tank for use with MegaBlue	☐	C21-014
	Refco Condensate Pump 100-240V up to 120k BTU/h	☐	COMBI
	Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h	☐	X87-835
Control Interface	Procon BACnet® and Modbus® Interface	☐	PAC-UKPRC001-CN-1
	Thermostat Interface	☐	PAC-US446CN-1
	IT Extender	☐	PAC-WHS01IE-E
	Wireless Interface 2 for Comfrot app	☐	PAC-USWHS002-WF-2
	kumo station® for Comfort app	☐	PAC-WHS01HC-E
Control Wire	MA Control Wire - 250Feet	☐	CW222-250
	M-Net Control Wire - 250 Foot Roll	☐	CW162S-250
	MA Control Wire - 1,000 Feet	☐	CW222-1000
	M-Net Control Wire - 1,000 Foot Roll	☐	CW162S-1000
Filter Box	Filter Box with 2" thick pleated MERV 13 Filters	☐	FBH4-4
Lineset	3/8 x 5/8 Lineset Twin-Tube Insulation - 50 feet	☐	MPLS385812T-50
	3/8 x 5/8 Lineset Twin-Tube Insulation - 65 feet	☐	MPLS385812T-65
	3/8 x 5/8 Lineset Twin-Tube Insulation - 100 feet	☐	MPLS385812T-100
	3/8 x 5/8 Lineset Twin-Tube Insulation - 10 feet	☐	MPLS385812T-10
	3/8 x 5/8 Lineset Twin-Tube Insulation - 30 feet	☐	MPLS385812T-30
	3/8 x 5/8 Lineset Twin-Tube Insulation - 15 feet	☐	MPLS385812T-15
Remote Sensor	Wireless temperature and humidity sensor for Comfort app	☐	PAC-USWHS003-TH-1
	Wall Mount Remote Temperature Sensor	☐	PAC-SE42TS-E
	Flush Mount Remote Temperature Sensor	☐	PAC-USSEN002-FM-2
Terminal Signal Adapter	Connector and wire for On/Off and Error status using CN51 and CN52	☐	PAC-725AD
	Connector and wire for On/Off and Fan command using CN32	☐	PAC-715AD
	Backup Heat Relay Kit	☐	CN24RELAY-KIT-CM3
Wired Remote Controller	Touch MA Remote Controller	☐	PAR-CT01MAU-SB
	Simple MA Remote Controller	☐	PAC-YT53CRAU-J
	Simple Direct Wired Remote Controller	☐	PAC-SDW01RC-2
	Smart ME Remote Controller	☐	PAR-U01MEDU-K
	Deluxe MA Remote Controller	☐	PAR-43MAAUB
Wireless Remote Controller	Wireless RedLINK™ Remote Controller	☐	MHK2
	Wireless MA Signal Receiver (for PAR-FL32MA-E)	☐	PAR-FA32MA
	Wireless MA Handheld Remote Controller (requires PAR-FA32MA-E)	☐	PAR-FL32MA-E

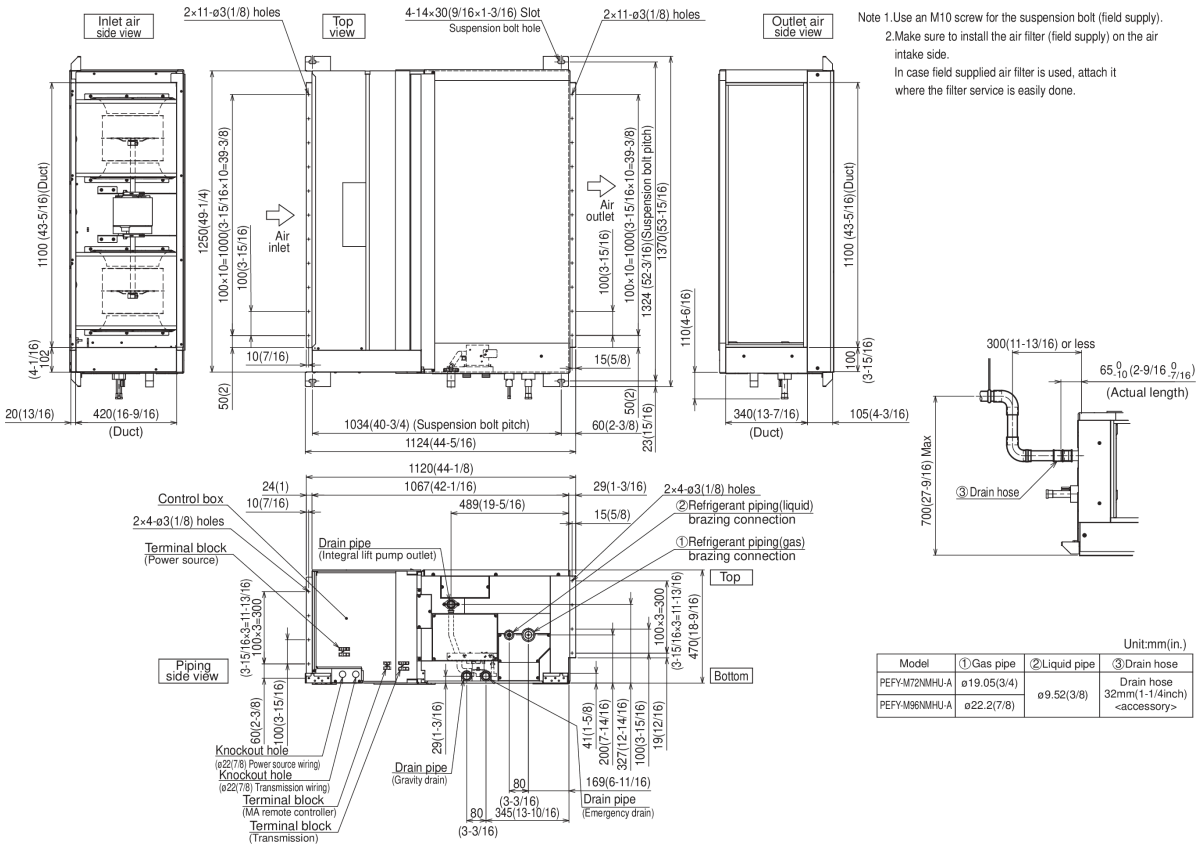
Notes

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

© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

INDOOR UNIT DIMENSIONS: PEFY-M96NMHU-A

PEFY-M72, 96NMHU-A



Note 1.Use an M10 screw for the suspension bolt (field supply).
2.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	①Gas pipe	②Liquid pipe	③Drain hose
PEFY-M72NMHU-A	ø19.05(3/4)	ø9.52(3/8)	Drain hose 32mm(1-1/4inch) <accessory>
PEFY-M96NMHU-A	ø22.2(7/8)		

Unit: mm (in.)

1340 Satellite Boulevard Suwanee, GA 30024
Toll Free: 800-433-4822 · mitsubishicomfort.com

METUS_2026-09_PROPIN

Specifications are subject to change without notice.
© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.