CITY MULTI®

PEFY-WL18NMSU-A
18,000 BTU/H LOW STATIC HVRF DUCTED 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: A built-in condensate lift mechanism removes water that is collected during operation and reduces the need for an additional pump to remove condensate water.
- Hydronic Coil: Water-based indoor unit
- Air-vent: Built-in manual air vent to released release pressure and maintain optimal performance

SPECIFICATIONS			SYSTEM
UNIT TYPE			PEFY-WL18NMSU-A
Cooling Capacity (Nominal)[1]	Cooling Capacity (Nominal)	Btu/h	18000
Heating Capacity (Nominal)[1]	Heating Capacity (Nominal)	Btu/h	20000
Electrical	Voltage, Phase, Frequency	V AC / V AC , ø , Hz	208 / 230 , 1 , 60
	Power Consumption Cooling		0.08
	Power Consumption Heating		0.08
	Current Cooling		0.75/0.71
	Current Heating		0.7/0.66
	MCA	A	1.35
	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]	39 x 27-9/16 x 7-7/8 [990 x 700 x 200]
	Unit Weight	lbs [kg]	51 [23]
	Heat Exchanger		Cross fin (Aluminum fin and Copper Tube)
	Dual Barrier Coating on HEX		No
	Dual Barrier Coating on Fan		No
Refrigerant	Type		Water
Fan	Motor Type		DC Motor
	Motor Output	W	96
	External Static Pressure	in.WG , in.WG , in. WG , in.WG Factory set to in.WG in. WG	0.02 , 0.06 , 0.14 , 0.20 Factory set to 0.06 in. WG
	Airflow Rate	CFM	353 , 441 , 530
Sound Pressure Level (Measured in anechoic room)	Cooling	dB (A)	30 , 34 , 37
	Heating	dB (A)	30 , 34 , 37
Piping	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: PEFY-WL18NMSU-A

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 Alarm Extension Cable—6.5 Ft.	☐ C13-192
	Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h	☐ X87-835
	Drain Pan Level Sensor/Control	☐ SS610E
	Sauermann Condensate Pump 120-230V up to 60k BTU/h	☐ SI30-230
	Blue Diamond Sensor Extension Cable 15 Ft	☐ C13-103
	Blue Diamond (MaxiBlue Advanced) Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H [recommended]	☐ X87-711
Control Interface	Deluxe Wired MA Remote Controller	☐ PAR-41MAAU
Disconnect Switch	(30A/600V/UL) [fits 2” X 4” utility box] - White	☐ TAZ-MS303W
Filter Box	Filter Box with MERV 8 Filter	☐ FBL1-2
HBC Controller	Hybrid VRF Main BC 8 Port	☐ CMB-WP108NU-AA
	Hybrid VRF Sub BC 8 Port	☐ CMB-WP108NU-AB
	Hybrid VRF Main BC 16 Port	☐ CMB-WP1016NU-AA
	Hybrid VRF Sub BC 16 Port	☐ CMB-WP1016NU-AB
HVRF Accessories	25mm PVDF SDR11 Sleeve (Box QTY 50)	☐ 11803271001-REH
	40mm PVDF SDR11 Sleeve (Box QTY 25)	☐ 11803291001-REH
	40mm Isoflow Multi, 5m Stick w/ 1.5” Titan	☐ 13630071001-REH
	40mm SDR11 x 3/4” MPT Fitting (Box QTY 1)	☐ 15012481001-REH
	25mm SDR11 Elbow (Bag QTY 10)	☐ 11691261001-REH
	40mm x 40mm x 25mm SDR11 Tee (Bag QTY 1)	☐ 11690691001-REH
	40mm SDR11 Elbow (Box QTY 1)	☐ 11691301001-REH
	25mm SDR11 x 3/4” MPT Fitting(Bag QTY 10)	☐ 15012461001-REH
	(2x) Isolation Ball Valve and (2x) 22mm Compression Fitting	☐ KIT2-NA10883-CAL
	25mm x 25mm x 25mm SDR11 Tee(Bag QTY 10)	☐ 11690561001-REH
	Drain Valve w/ Brass NPT T-Fitting	☐ KIT4-NA10885-CAL
	25mm SDR11 Coupling (Bag QTY 10)	☐ 11690101001-REH
	25mm x 25mm x 25mm SDR11 Tee(Bag QTY 10)	☐ 15012471001-REH
	25mm Isoflow Multi, 25m Coil w/ 1” Titan	☐ 13630061001-REH
	Copper Press Tailpieces (3/4”)	☐ KIT5-NA10881-CAL
	40mm SDR11 Coupling (Bag QTY 5)	☐ 11690151001-REH
	Compact Discal AAV w/ Hydroscopic Cap and Drain Plug	☐ KIT3-NA10884-CAL
	25mm SDR11 x 3/4” FPT Fitting (Bag QTY 1)	☐ 15012451001-REH
	RAUTOOL A-Light2 Kombi Tool KIT	☐ 11094491001-REH
N/A		☐ Unknown
Terminal Signal Adapter	Backup Heat Relay Kit	☐ CN24RELAY-KIT-CM3
	3-Pin Wiring Harness	☐ PAC-715AD
	5-Pin Wiring Harness	☐ PAC-725AD
Wired Remote Controller	Smart ME Remote Controller	☐ PAR-U01MEDU-K
	Simple MA Remote Controller	☐ PAC-YT53CRAU-J
	Touch MA Remote Controller	☐ PAR-CT01MAU-SB
Wireless Remote Controller	Wireless Remote Contoller	☐ PAR-SL101A-E
	Wireless MA Handheld Remote Controller (requires PAR-FA32MA-E)	☐ PAR-FL32MA-E
Notes		

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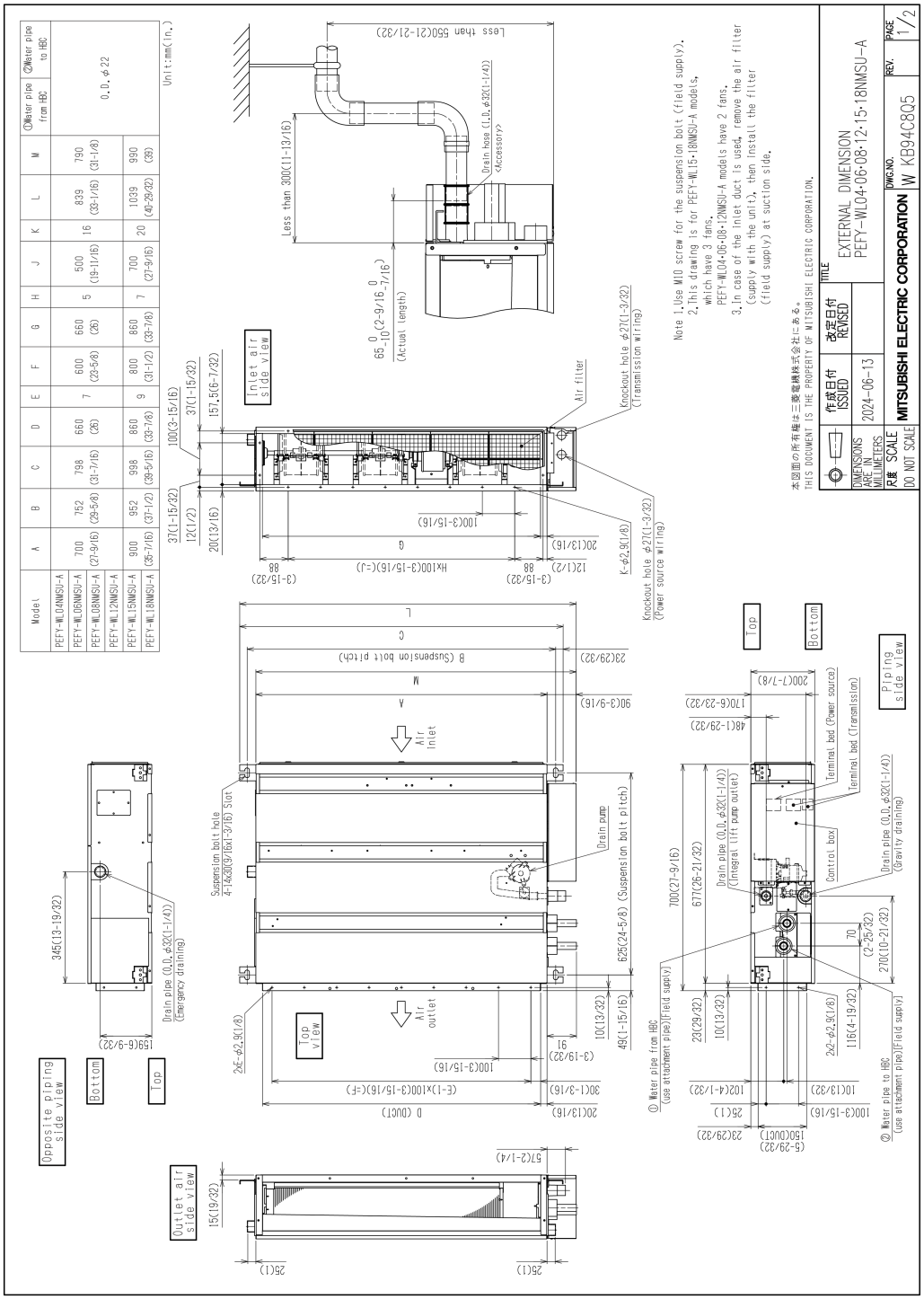
INDOOR UNIT DIMENSIONS: PEFY-WL18NMSU-A



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