

# PEAD-AA24NL

## 24,000 BTU/H HORIZONTAL-DUCTED INDOOR UNIT



Job Name:

System Reference:

Date:



### GENERAL FEATURES

- Built-in condensate lift mechanism (up to 27-9/16")
- Wide ranging external static pressure (0.14-0.60 in. WG)
- Unobtrusive ceiling-concealed design for short-run ductwork
- Multiple control options including: comfort app, third-party interfaces and both wired and wireless controllers
- Auto fan speed mode
- Optional FB Series filter boxes for easy access and service

Specifications			System
Unit Type			PEAD-AA24NL
Cooling Capacity (Nominal) <sup>1,3</sup>	Cooling Capacity (Nominal)	Btu/h	24,000
Heating Capacity (Nominal) <sup>2,3</sup>	Heating Capacity (Nominal)	Btu/h	24,000
Electrical	Voltage, Phase, Frequency	V AC / V AC, $\phi$ , Hz	208 / 230, 1, 60
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	12-24
	MCA	A	2.25
	MOCP	A	15
Indoor Unit	Fan Motor Type		DC Motor
	Fan Motor Output	W	121
	Airflow Rate at Cooling, Dry	CFM	512, 565, 636, 742
	Airflow Rate at Heating, Dry	CFM	512, 565, 636, 742
	Sound Pressure Level [Cooling]	dB (A)	27, 29, 31, 35
	Sound Pressure Level [Heating]	dB (A)	27, 29, 31, 35
	External Static Pressure	in.WG	0.14, 0.20, 0.28, 0.40, 0.60
	DBC on HEX (Yes or No)		No
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	43-5/16 x 28-7/8 x 9-7/8 [1,100 x 732 x 250]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	53-15/16 x 35-7/16 x 13 [1,370 x 900 x 330]
Unit Weight	lbs [kg]	67 [30]	
Package Weight	lbs [kg]	79 [36]	
Refrigerant	Type		R454B
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	Drain Pipe Size O.D.	inch [mm]	1-1/4 [32]

**NOTES**

<sup>1</sup>Cooling at 95°F (Indoor: 80°F DB, 67°F WB // Outdoor: 95°F DB, 75°F WB)

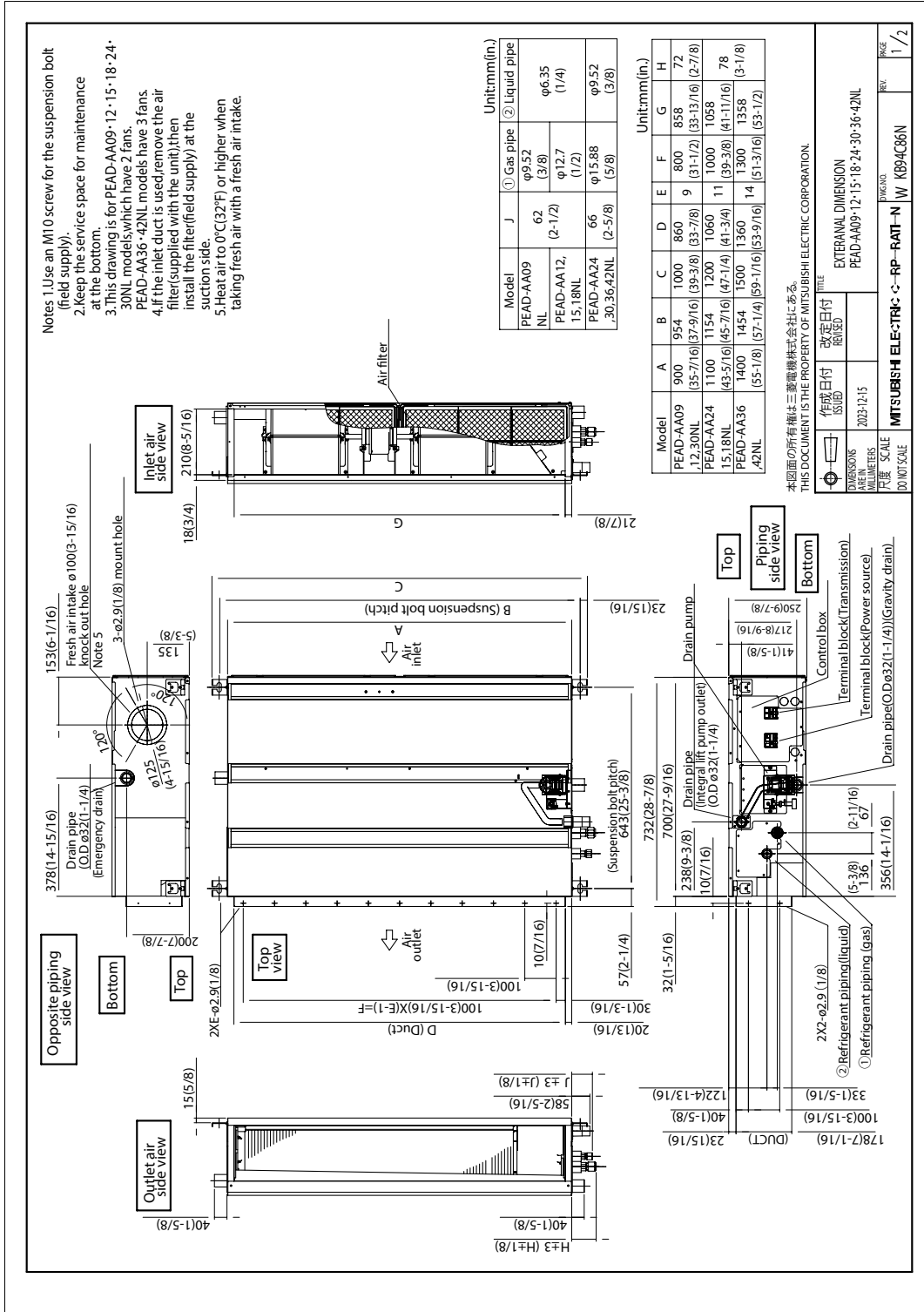
<sup>2</sup>Heating at 47°F (Indoor: 70°F DB, 60°F WB // Outdoor: 47°F DB, 43°F WB)

<sup>3</sup>Nominal capacity only. Actual capacity output varies based on the system-specific configuration.

## INDOOR UNIT ACCESSORIES: PEAD-AA24NL

Power Supplies & Auxiliary Components	3-Pin Wiring Harness	PAC-715AD
	5-Pin Wiring Harness	PAC-725AD
Lineset	100 x 1/4 x 100 x 5/8 Lineset Twin-Tube Insulation	MLS145812T-100
	100 x 3/8 x 65 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-100
	15 x 1/4 x 15 x 5/8 Lineset Twin-Tube Insulation	MLS145812T-15
	15 x 3/8 x 15 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-15
	30 x 1/4 x 30 x 5/8 Lineset Twin-Tube Insulation	MLS145812T-30
	30 x 3/8 x 30 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-30
	50 x 1/4 x 50 x 5/8 Lineset Twin-Tube Insulation	MLS145812T-50
	50 x 3/8 x 50 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-50
	65 x 1/4 x 65 x 5/8 Lineset Twin-Tube Insulation	MLS145812T-65
	65 x 3/8 x 65 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-65
Control Interface	Airzone Wired Blueface Controller Black	AZZBSBLUEZEROCN
	Airzone Wired Blueface Controller White	AZZBSBLUEZEROCB
	Airzone Wireless Lite Controller Black	AZZBSLITERN
	Airzone Wireless Lite Controller White	AZZBSLITERB
	Airzone Wireless Think Controller Black	AZZBSTHINKRN
	Airzone Wireless Think Controller White	AZZBSTHINKRB
	IT Extender for kumo station	PAC-WHS01IE-E
	kumo station for the Comfort app	PAC-WHS01HC-E
	Operation and Error Status Output Adapter <sup>1</sup>	PAC-SF40RM-E
	Procon BACnet and Modbus Interface	PAC-UKPRC001-CN-1
	Thermostat Interface for 3rd Party Thermostats	PAC-US445CN-1
	Wireless Interface Adapter for the Comfort app	PAC-USWHS002-WF-2
Disconnect Switch	30A600VUL fits 2 X 4 utility box - Black	TAZ-MS303
	30A600VUL fits 2 X 4 utility box - White	TAZ-MS303W
Condensate	Blue Diamond Advanced Mini Condensate Pump w Reservoir Sensor 208230V recommended	X87-721
	Blue Diamond MaxiBlue Advanced Mini Condensate Pump w Reservoir Sensor 110V up to 48000 BTUH recommended	X87-711
	Blue Diamond MegaBlue Advanced Condensate Pump w Reservoir Sensor	X87-835
	Blue Diamond Sensor Extension Cable 15 Ft	C13-103
	Refco Condensate Pump 100-240 VAC up to 120000 BTUH	COMBI
	Sauermann Condensate Pump	SI30-230
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	RCMKP1CB
	RedLINK Wireless Remote Controller	MHK2
	Universal Wireless MA Handheld Remote Controller	PAR-FL32MA-E
	Universal Wireless Receiver for PAR-FL32MA-E	PAR-FA32MA-W
Control Wire	202PR 1PR shielded 1PR plenum wire for Airzone 100 ft reel	CW2042S2-100
	202PR shielded 1PR plenum wire for Airzone 500 ft reel	CW2042S2-500
Wired Remote Controller	Deluxe Wired MA Remote Controller	PAR-42MAAUB
	Simple Direct Wired Remote Controller	PAC-SDW01RC-1
	Simple MA Remote Controller <sup>1</sup>	PAC-YT53CRAU-J
	Touch MA Wired Remote Controller <sup>1</sup>	PAR-CT01MAU-SB
Filter Box	Filter Box with MERV 13 Filter	FBM2-3-A
Power Supplies and Auxiliary Components	Backup Heat Relay Kit Adapter for CN24 or CN152 Connector	CN24RELAY-KIT-CM3
Remote Sensor	Flush Mount Remote Temperature Sensor for SEZ SLZ SVZ and all P-Series models	PAC-USSEN002-FM-1
	Wall Mount Remote Temperature Sensor	PAC-SE41TS-E
	Wireless temperature and humidity sensor for the Comfort app	PAC-USWHS003-TH-1
NOTES		

# INDOOR UNIT DIMENSIONS: PEAD-AA24NL



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