

SUBMITTAL DATA: PVA-A36AA7 & PUZ-HA36NHA5
36,000 BTU/H AIR HANDLER AIR-CONDITIONING SYSTEM

Job Name:	Engineer:
Purchaser:	Application:
Submitted To:	For: <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction
Submitted By:	Location:
System Designation:	Schedule No.:



Indoor Unit: PVA-A36AA7



Outdoor Unit: PUZ-HA36NHA5

UNIT OPTION:

Standard Model.....PUZ-HA36NHA5

ACCESSORIES:

Indoor Unit

- External Heating Adaptor (PAC-YU25HT)
- Return Air Intake Extension (PV-RTN-36-42)
- Electric Heat Kitsee.....SB_EH_MVZ_PVA_PVfy_SVZ

Controls

- Wireless Controller (MHK1)
- Advanced Wired Controller (PAR-33MAA)
- Simple Wired Controller (PAC-YT53CRAU)
- Wireless Remote Controller (PAR-FL32MA) + Wireless Signal Receiver (PAR-FA32MA)
- Thermostat Interface (PAC-US444CN)
- M-NET Adapter (PAC-SF83MA-E)

Outdoor Unit

- Rear Snow Guard (SG-1-RE)
- Side Snow Guard (SG-1-SD)
- Front Wind Deflector (x2 required) (PE-FR-24-36)

SPECIFICATIONS:

Rated Conditions (Capacity / Input)*		
Cooling	Blu/h / W	33,000 / 2,640
Heating at 47° F	Blu/h / W	38,000 / 3,040
Heating at 17° F	Blu/h / W	38,000 / 5,400

* Rating Conditions per AHRI Standard:
Cooling | Indoor: 80° F (27° C)DB / 67° F (19° C)WB; Outdoor: 95° F (35° C)DB / 75° F (24° C)WB
Heating at 47° F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB
Heating at 17° F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB; Outdoor: 17° F (-8° C)DB / 15° F (-9° C)WB

Capacity Range		
Cooling	Blu/h	18,000 - 36,000
Heating at 47° F	Blu/h	18,000 - 40,000

Operating Range	
Cooling	0° F** to 115° F (-18° C to 46° C) DB
Heating	-13° F to 70° F (-25° C to 21° C) DB

** Windscreens required for cooling operation below 23° F (-5° C)

AHRI Efficiency Rating	
EER	12.5
SEER	17.8
HSPF IV / V	11.0 / 9.0
COP at 47° F	3.66
COP at 17° F	2.06

Specifications are subject to change without notice.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA) *	Breaker Size	MOCPS (Outdoor)
Indoor 5.50 AMP	Outdoor 28 AMP	30 AMP / 40 AMP

***All electrical work shall comply with National (CEC) and local codes and regulations.**

Indoor Unit		
Blower Motor (ECM)	F.L.A.	4.4
Blower Motor Output	W	430
SHF / Moisture Removal		0.77 / 4.5 pt./h
External Static Pressure	In. WG	0.30-0.50-0.80

Outdoor Unit		
Compressor		DC INVERTER-driven Scroll
Fan Motor (ECM)	F.L.A.	0.4 + 0.4
Fan Motor Power	W	86 + 86

Airflow Rate (Low-Mid-Hi)			
Indoor (Cooling)	DRY	CFM	788-956-1125
	WET		NA
Outdoor	DRY		3,530

Sound Pressure Level			
Indoor (Low-Mid-Hi)	Cooling	dB(A)	30-34-38
			Heating
Outdoor	Heating		53

External Dimensions		
Indoor (H x W x D)	In.(mm)	59-1/2 x 25 x 21-5/8 (1511 x 635 x 548)
Outdoor (H x W x D)		53-1/8 x 37-3/8 x 13 + 1-3/16 (1,350 x 950 x 330 + 30)

Net Weight		
Indoor	Lbs.(kg)	172 (78)
Outdoor		265 (120)

External Finish	
Indoor	Galvanized steel cabinet-Powder coated Slate Grey
Outdoor	Munsell No. 3Y 7.8 / 1.1

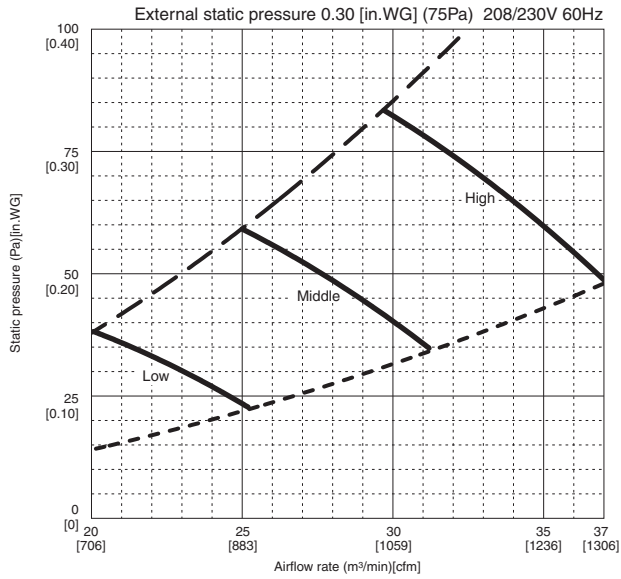
Refrigerant	R410A ; 12lbs., 2oz. (5.5kg)
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Maximum Total Refrigerant Pipe Length	Fl. (m)	245 (75)
Maximum Vertical Separation	Fl. (m)	100 (30)

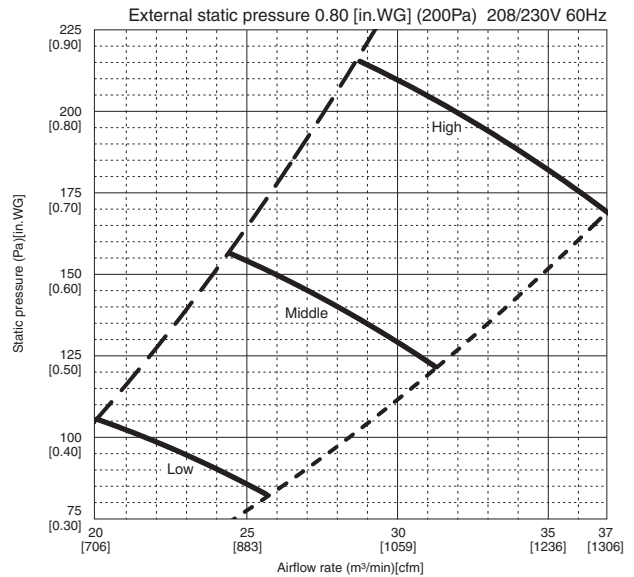
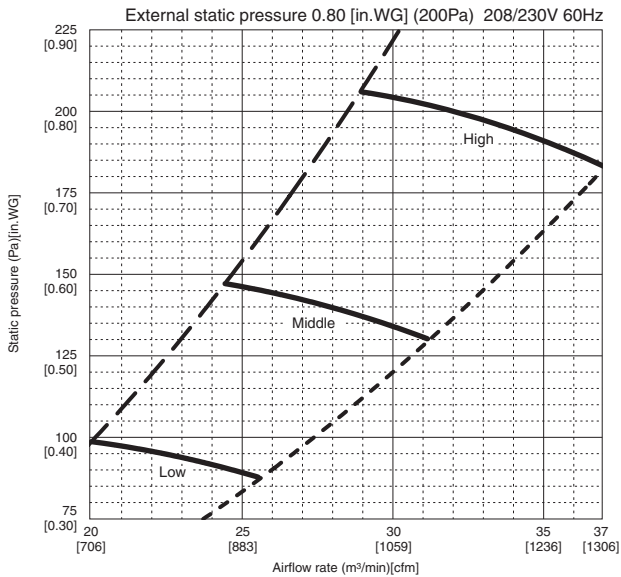
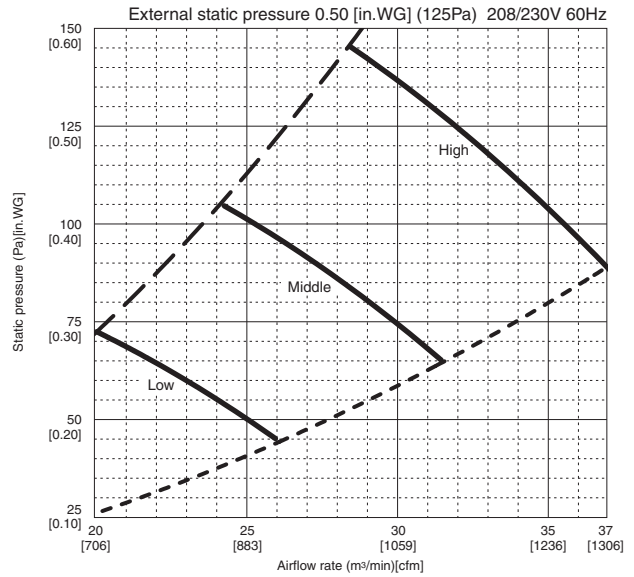
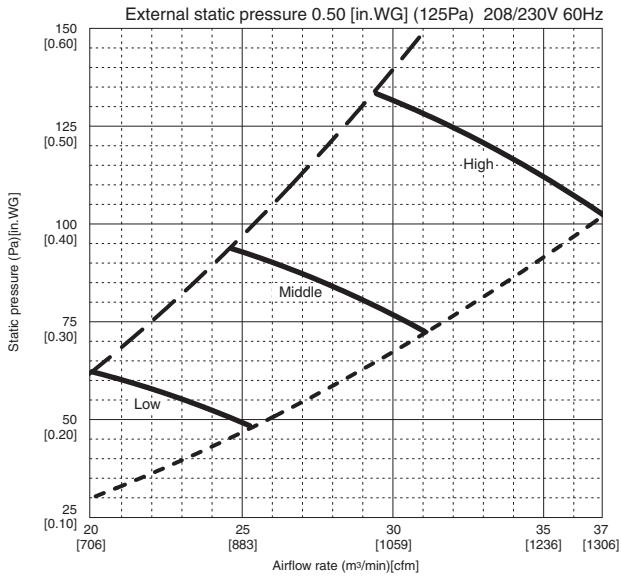
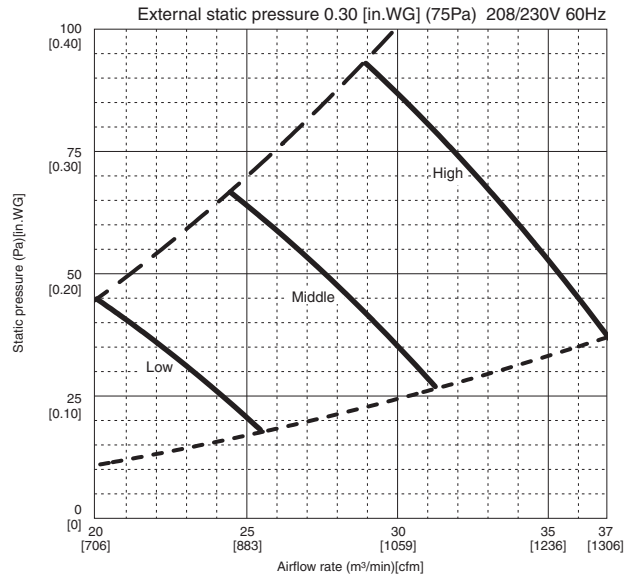
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FAN PERFORMANCE AND CORRECTED AIR FLOW - PVA-A36AA7

• Vertical, Horizontal Right, Horizontal Left



• Downflow

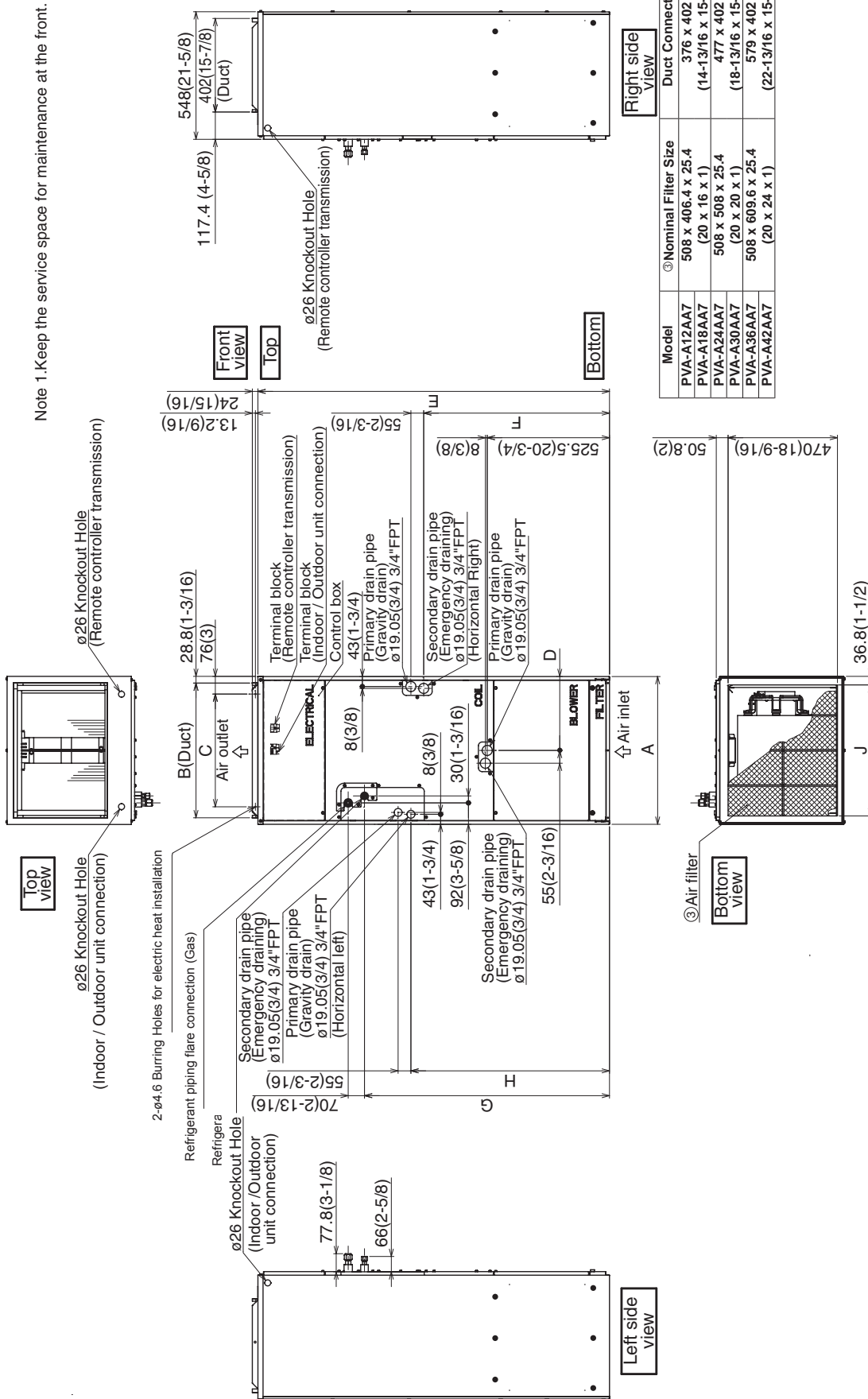


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DIMENSIONS: PVA-A36AA7

Unit: mm (in.)



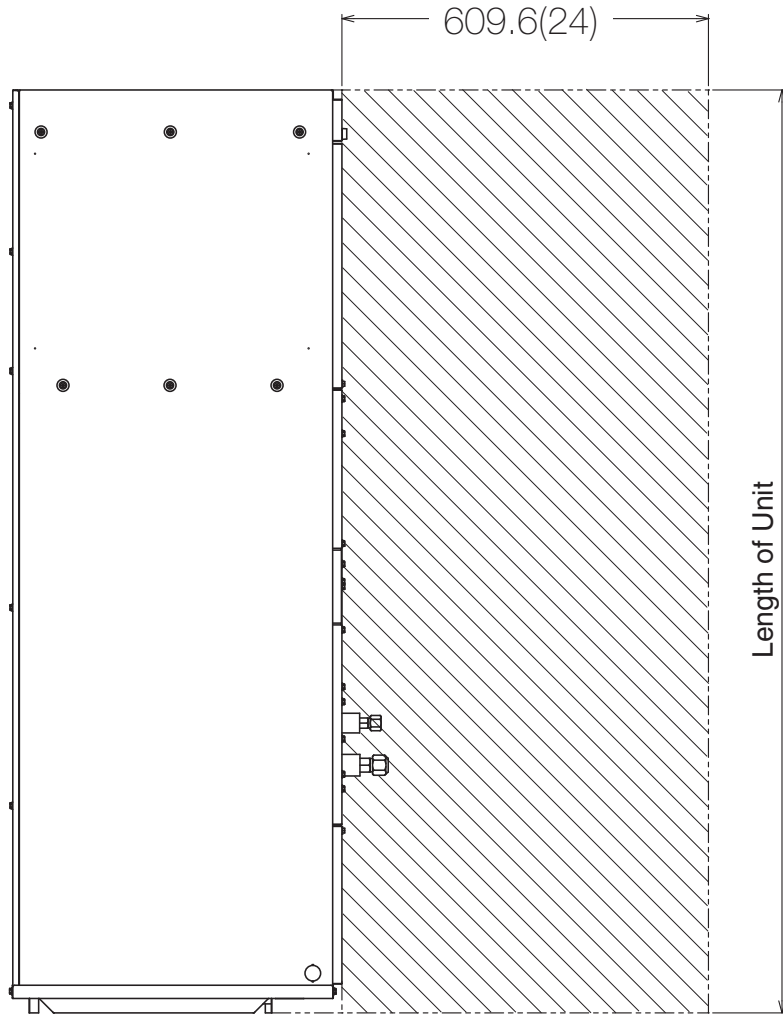
Note 1. Keep the service space for maintenance at the front.

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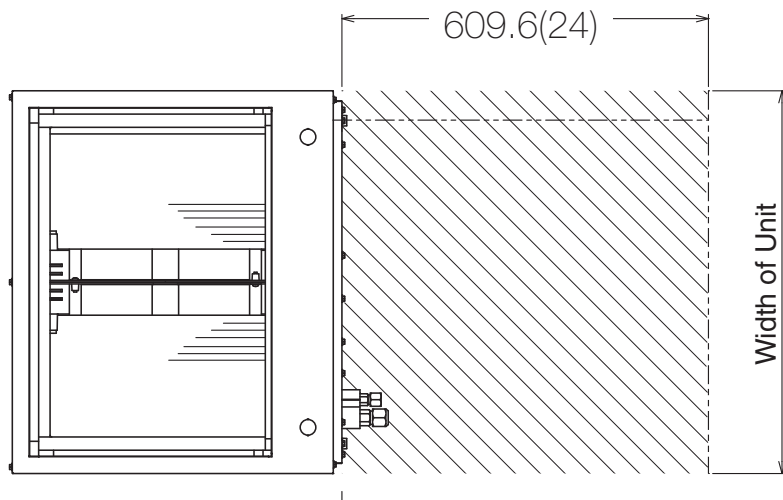
DIMENSIONS: PVA-A36AA7

Unit: mm (in.)

Clearance Area



Horizontal Installation

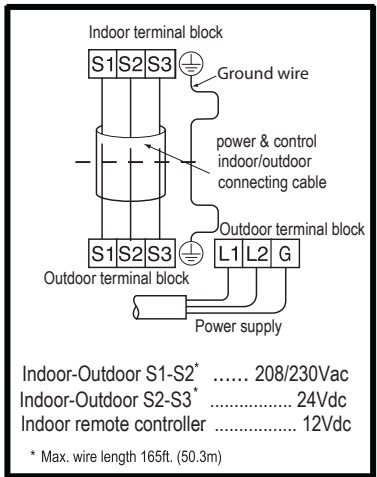
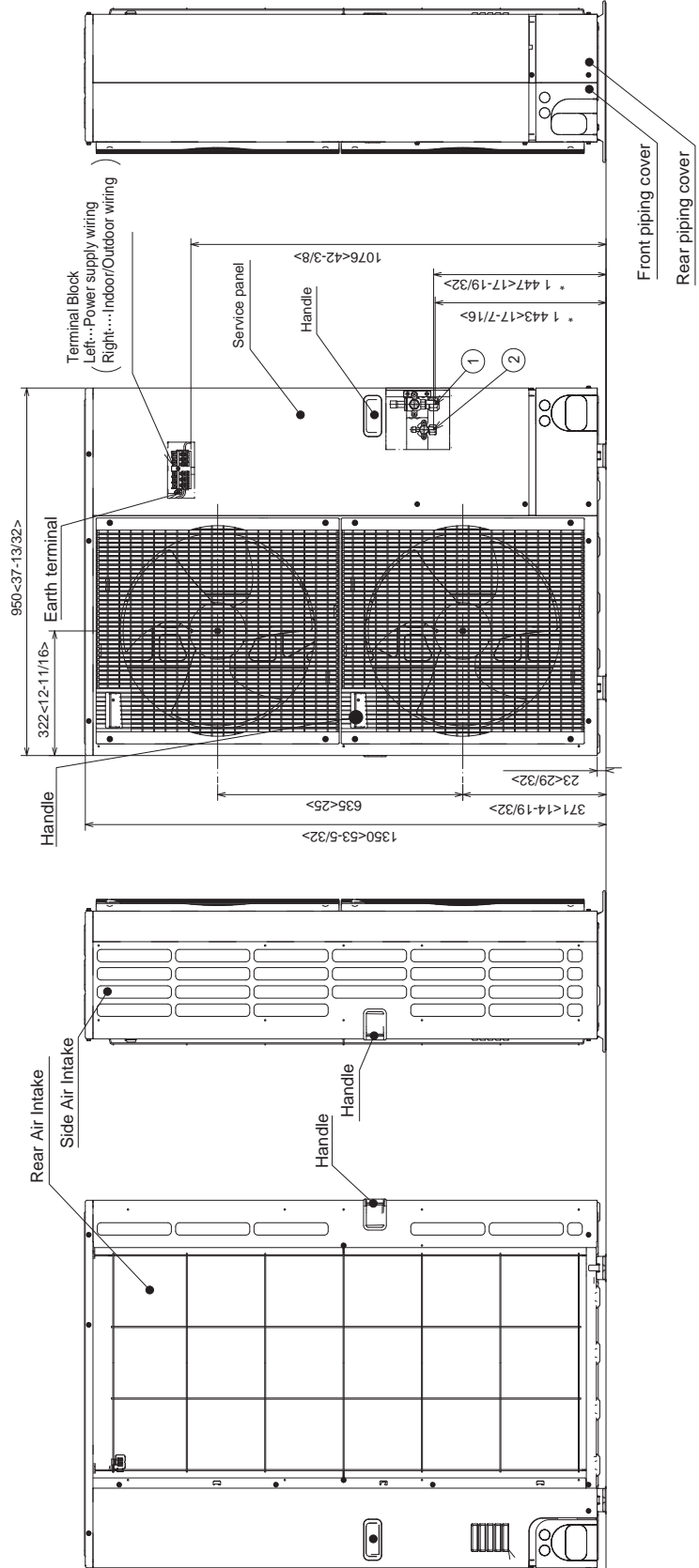
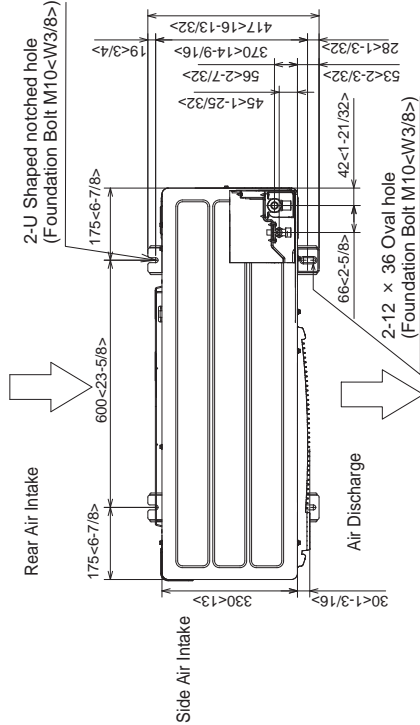


Vertical Installation

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DIMENSIONS: PUZ-HA36NHA5

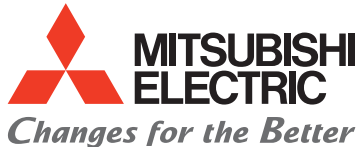
Unit: mm (in.)



Example of Notes

- ①.....Refrigerant GAS pipe connection (FLARE)φ15.88<-5/8>
- ②.....Refrigerant LIQUID pipe connection (FLARE)φ9.52<-3/8>
- *1Indication of STOP VALVE connection location.

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