

SUBMITTAL DATA: PKA-A36KA7 & PUZ-HA36NHA5
36,000 BTU/H WALL-MOUNTED HEAT PUMP 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: PKA-A36KA7



Outdoor Unit: PUZ-HA36NHA5

UNIT OPTION:

Standard Model.....PUZ-HA36NHA5

ACCESSORIES:

Indoor

External Heater Adaptor (PAC-SE59RA-E)

Controls

- Wireless Controller (MHK1)
- Advanced Wired Controller (PAR-33MAA)
- Simple Wired Controller (PAC-YT53CRAU)
- Wireless Remote Controller (PAR-FL32MA)
- 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)

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved Snow Guard / Wind Deflectors / Windscreens and accessories for proper functioning of the unit(s). Use of non-MESCA supported Snow Guard / Wind Deflectors / Windscreens and accessories will affect warranty coverage.

SPECIFICATIONS:

Rated Conditions (Capacity / Input)*		
Cooling	Btu/h / W	33,500 / 2,790
Heating at 47° F	Btu/h / W	38,000 / 3,410
Heating at 17° F	Btu/h / W	38,000 / 6,010

* 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	Btu/h	18,000 - 34,200
Heating at 47° F	Btu/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 Ratings	
EER	12.0
SEER	16.2
HSPF IV / V	10.0 / 7.8
COP at 47° F	3.27
COP at 17° F	1.85

Specifications are subject to change without notice.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
-------------------------------	----------------------------

Minimum Circuit Ampacity (MCA) *	Breaker Size	MOCP (Outdoor)
Indoor 1 AMP	Outdoor 28 AMP	30 AMP
		40 AMP

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

Indoor Unit		
Fan Motor (ECM)	F.L.A.	0.57
Fan Motor Output	W	56
SHF / Moisture Removal		0.71 / 8.7 pt./h
Field Drainpipe Size O.D	in. (mm)	5/8 (16)

Outdoor Unit		
Compressor		DC INVERTER-driven Twin Rotary
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	705-810-920
	WET		635-730-830
Outdoor	DRY		3,530

Sound Pressure Level			
Indoor (Low-Mid-Hi)		43-46-49	
Outdoor	Cooling	dB(A)	52
	Heating		53

External Dimensions		
Indoor (H x W x D)	In.(mm)	14 3/8 x 46 1/16 x 11 5/8 (365 x 1170 x 295)
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)
	46 (21)
Outdoor	
	265 (120)

External Finish	
Indoor	White Munsel No. 1.0Y 9.2/0.2
Outdoor	Munsell No. 3Y 7.8 / 1.1

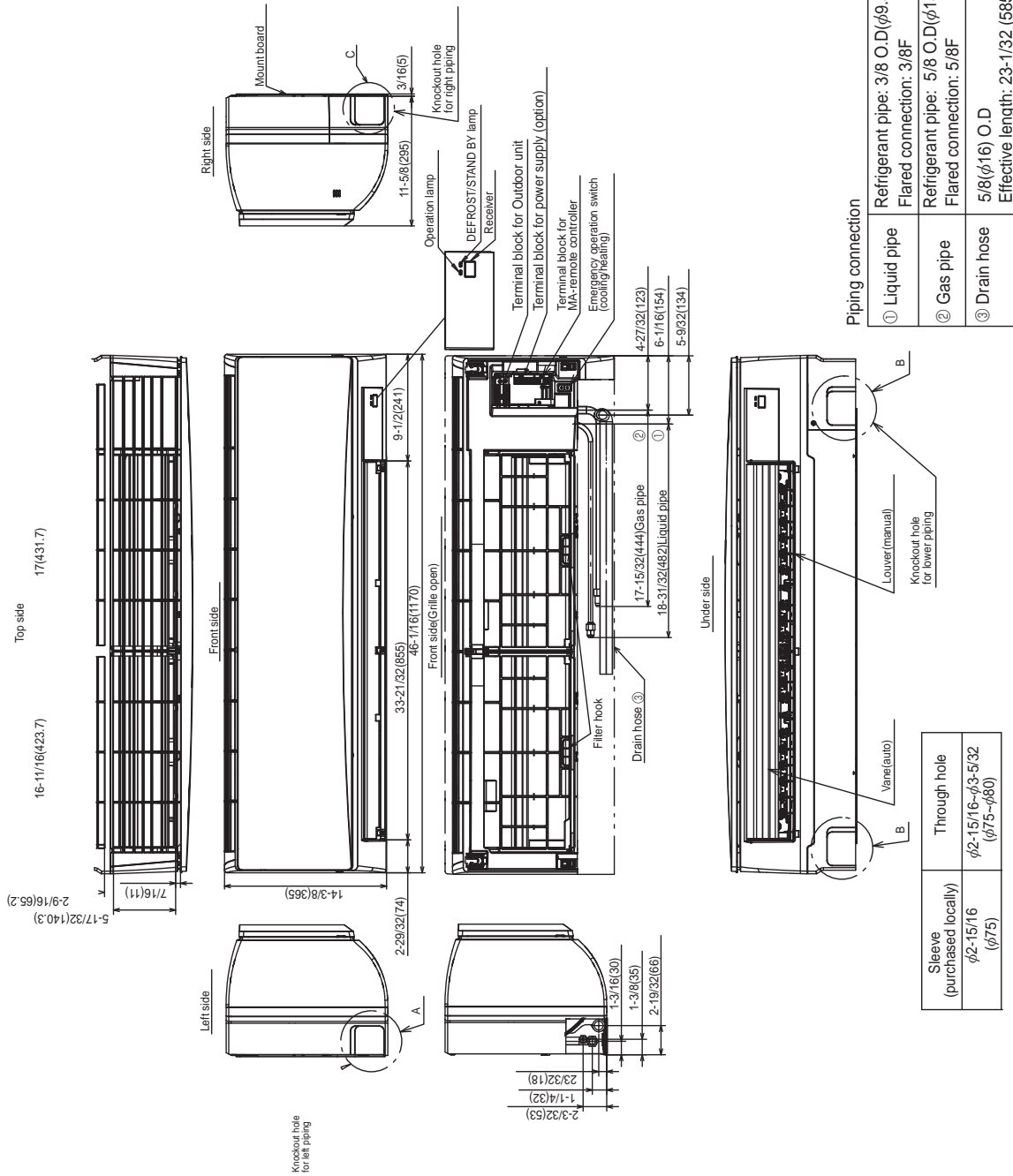
Refrigerant	R410A ; 12lbs., 2oz. (5.5kg)
-------------	------------------------------

Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Maximum Total Refrigerant Pipe Length	Ft. (m)	245 (75)
Maximum Vertical Separation	Ft. (m)	100 (30)

Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

DIMENSIONS: PKA-A36KA7

Unit: in. (mm)



Piping connection

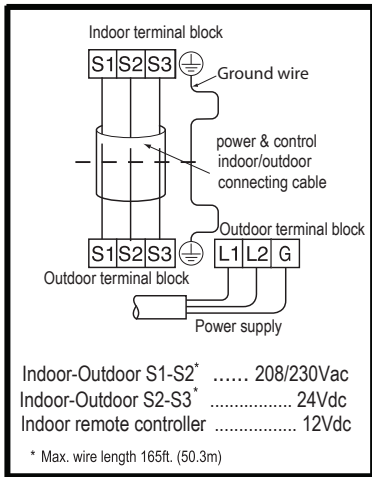
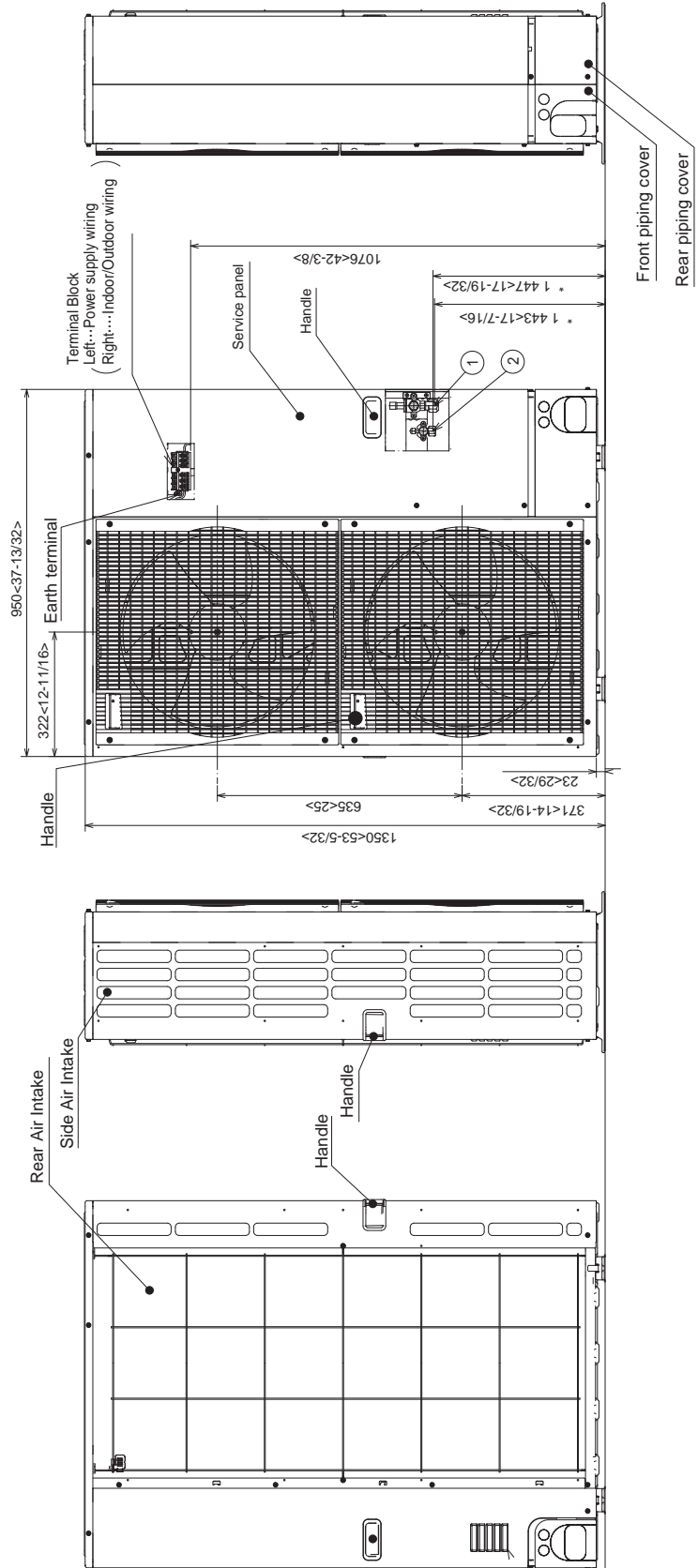
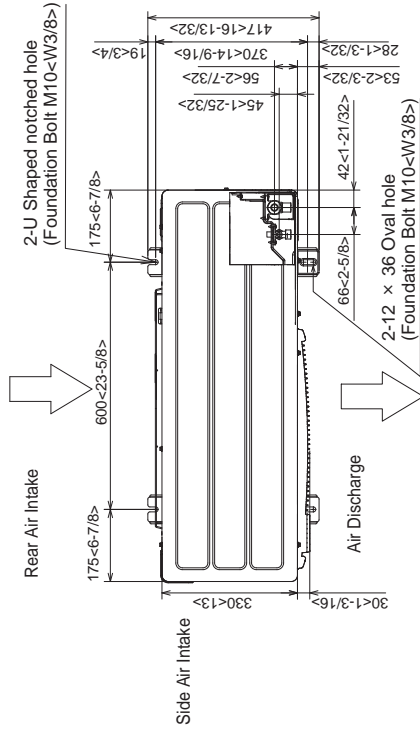
① Liquid pipe	Refrigerant pipe: 3/8 O.D.($\phi 9.52$) Flared connection: 3/8F
② Gas pipe	Refrigerant pipe: 5/8 O.D.($\phi 15.88$) Flared connection: 5/8F
③ Drain hose	5/8($\phi 16$) O.D. Effective length: 23-1/32 (585)

Specifications are subject to change without notice.

Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

DIMENSIONS: PUZ-HA36NHA5

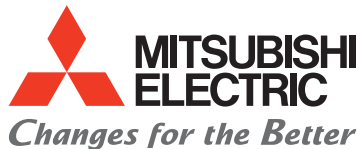
Unit: mm (in.)



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.

Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.



for a greener tomorrow

