

SUBMITTAL DATA: PKA-A30KA7 & PUY-A30NHA7
30,000 BTU/H WALL-MOUNTED AIR-CONDITIONING SYSTEM

Job Name:	Engineer:
Purchaser:	Application: <input type="checkbox"/> Std. Cooling <input type="checkbox"/> Ultra Low Ambient Cooling
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-A30KA7



Outdoor Unit: PUY-A30NHA7 (-BS)

UNIT OPTION:

Standard Model.....PUY-A30NHA7
Seacoast (BS) Model.....PUY-A30NHA7-BS

ACCESSORIES:

Controls

- Wireless Controller (MHK1)
- Advanced Wired Controller (PAR-32MAA / PAR-33MAA)
- Simple Wired Controller (PAC-YT53CRAU)
- Wireless Remote Controller (PAR-FL32MA)
- Thermostat Interface (PAC-US444CN)
- M-NET Adapter (PAC-SF83MA-E)

Outdoor Unit

- Front Wind Guard (PFR-24-30)
- Rear Wind Guard (PRE-24-30)
- Side Wind Guard (PSD-24-30)

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	30,000 / 3,150

* Rating Conditions per AHRI Standard:
Cooling | Indoor: 80°F (27°C) DB / 67°F (19°C) WB
Cooling | Outdoor: 95°F (35°C) DB / 75°F (24°C) WB

Capacity Range		
Cooling	Btu/h	9,000 - 30,000

Operating Range	
Cooling	-40F** (-40.0°C) to 115°F (46°C) DB

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

AHRI Efficiency Rating	
EER	9.5
SEER	19.8

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA) *	Breaker Size	MOCP (Outdoor)
Indoor 1 AMP	Outdoor 19 AMP	25 AMP
		26 AMP

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

Indoor Unit		
Fan Motor (ECM)	F.L.A.	0.36
Fan Motor Output	W	56
SHF / Moisture Removal		0.70 / 8.1 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
Fan Motor Power	W	86

Airflow Rate (Low-Mid-Hi)			
Indoor (Cooling)	DRY	CFM	635-705-775
	WET		570-635-700
Outdoor	DRY		1,940

Sound Pressure Level		
Indoor (Low-Mid-Hi)	dB(A)	39-42-45
Outdoor Cooling		47

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)		37-1/8 x 37-13/32 x 13 + 1-3/16 (943 x 950 x 330 + 30)

Net Weight		
Indoor	Lbs.(kg)	46 (21)
Outdoor		151 (68)

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

Refrigerant	R410A ; 7lbs.,11oz. (3.5kg)
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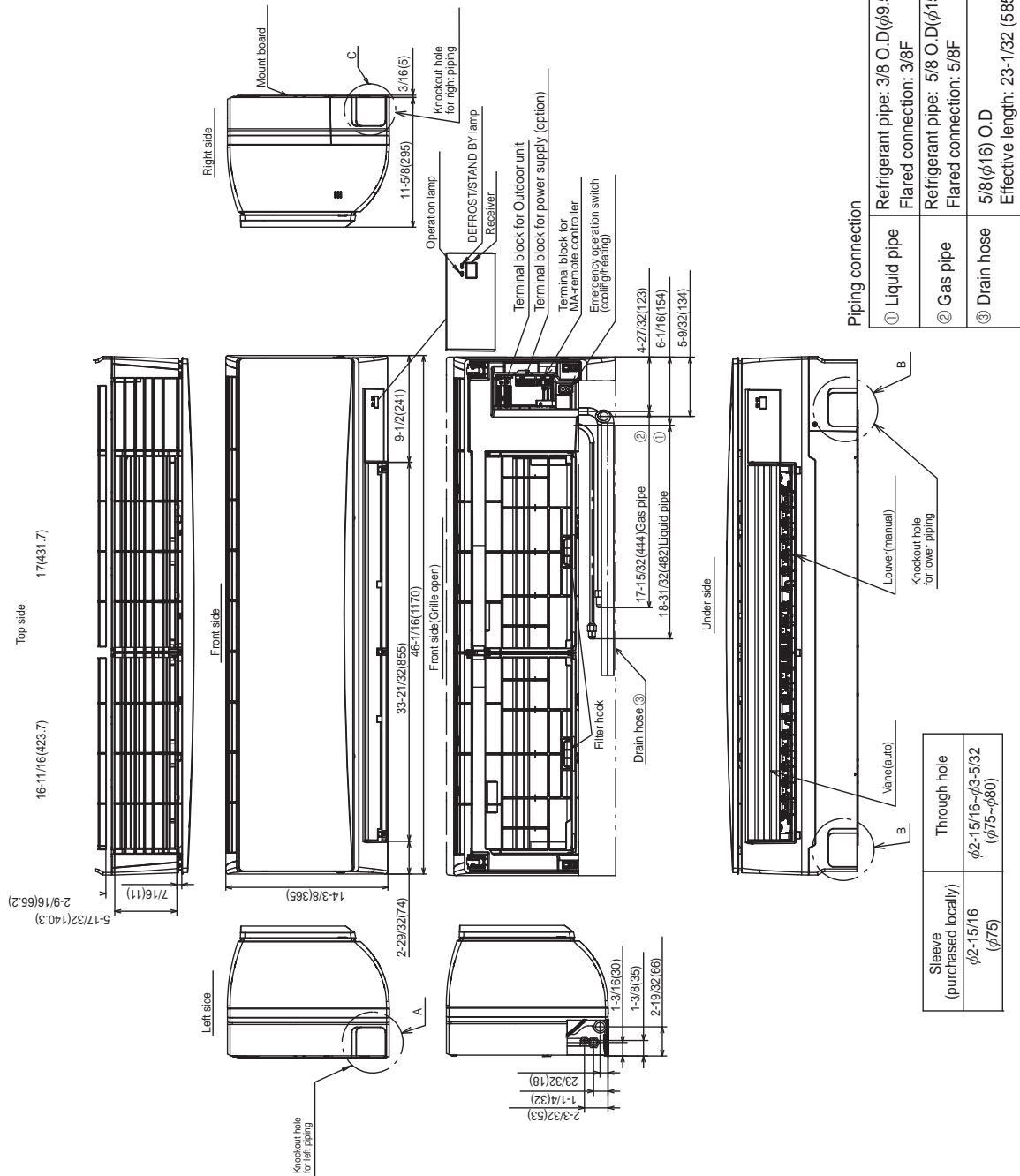
Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Maximum Total Refrigerant Pipe Length	Ft. (m)	225 (69)
Maximum Vertical Separation	Ft. (m)	100 (30)

Specifications are subject to change without notice.

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DIMENSIONS: PKA-A30KA7

Unit: in. (mm)



Piping connection	
① Liquid pipe	Refrigerant pipe: 3/8 O.D (φ9.52) Flared connection: 3/8F
② Gas pipe	Refrigerant pipe: 5/8 O.D (φ15.88) Flared connection: 5/8F
③ Drain hose	5/8 (φ16) O.D Effective length: 23-1/32 (585)

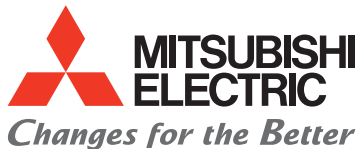
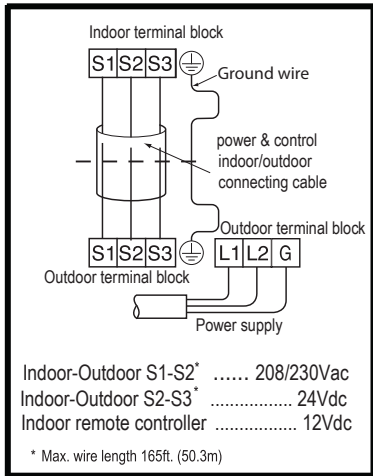
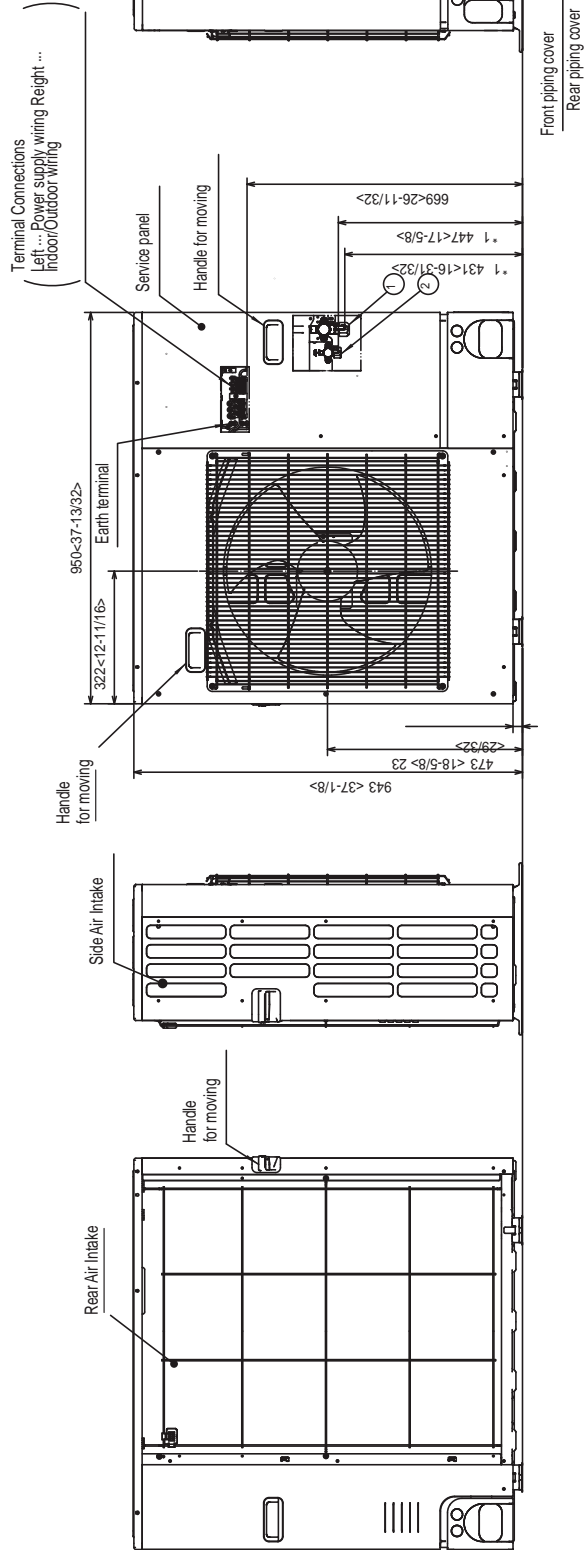
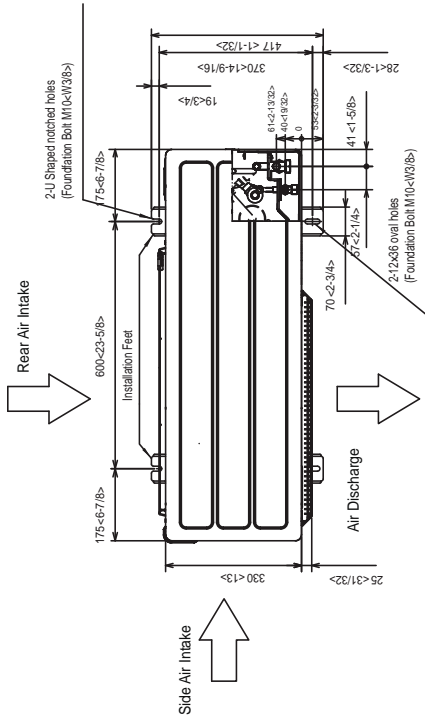
Sleeve (purchased locally)	Through hole
φ2-15/16 (φ75)	φ2-15/16-φ3-5/32 (φ75-φ80)

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DIMENSIONS: PUY-A30NHA7

Unit: mm (in.)



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