

SUBMITTAL DATA: PKA-A18HA7 & PUY-A18NKA7

18,000 BTU/H WALL-MOUNTED AIR-CONDITIONING SYSTEM

Job Name:	Engineer:
Purchaser:	Application: ☐ Std. Cooling ☐ Ultra Low Ambient Cooling
Submitted To:	For: ☐ Reference ☐ Approval ☐ Construction
Submitted By:	Location:
System Designation:	Schedule No.:



Indoor Unit: PKA-A18HA7



Outdoor Unit: PUY-A18NKA7 (-BS)

UNIT OPTION:

Standard Model.....PUY-A18NKA7
 Seacoast (BS) Model.....PUY-A18NKA7-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-SJ19MA-E)

Outdoor Unit

Front Wind Guard (PFR-12-18)
 Rear Wind Guard (PRE-12-18)
 Side Wind Guard (PSD-12-18)

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	18,000 / 1,820

* 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	8,000 - 18,000

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	9.9
SEER	18.5

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 11 AMP	15 AMP	28 AMP

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

Indoor Unit		
Fan Motor (ECM)	F.L.A.	0.33
Fan Motor Output	W	30
SHF / Moisture Removal		0.68 / 5.2 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.	0.5
Fan Motor Power	W	46

Airflow Rate (Low-Mid-Hi)			
Indoor (Cooling)	DRY	CFM	320-370-425
	WET		290-335-380
Outdoor	DRY		1,590

Sound Pressure Level		
Indoor (Low-Mid-Hi)	dB(A)	36-40-43
		44

External Dimensions		
Indoor (H x W x D)	In.(mm)	11-5/8 x 35-3/8 x 9-13/16 (295 x 898 x 249)
Outdoor (H x W x D)		24-13/16 x 31-13/16 + 7/16 x 11-3/16 (630 x 809 + 62 x 300)

Net Weight		
Indoor	Lbs.(kg)	29 (13)
Outdoor		99 (44)

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

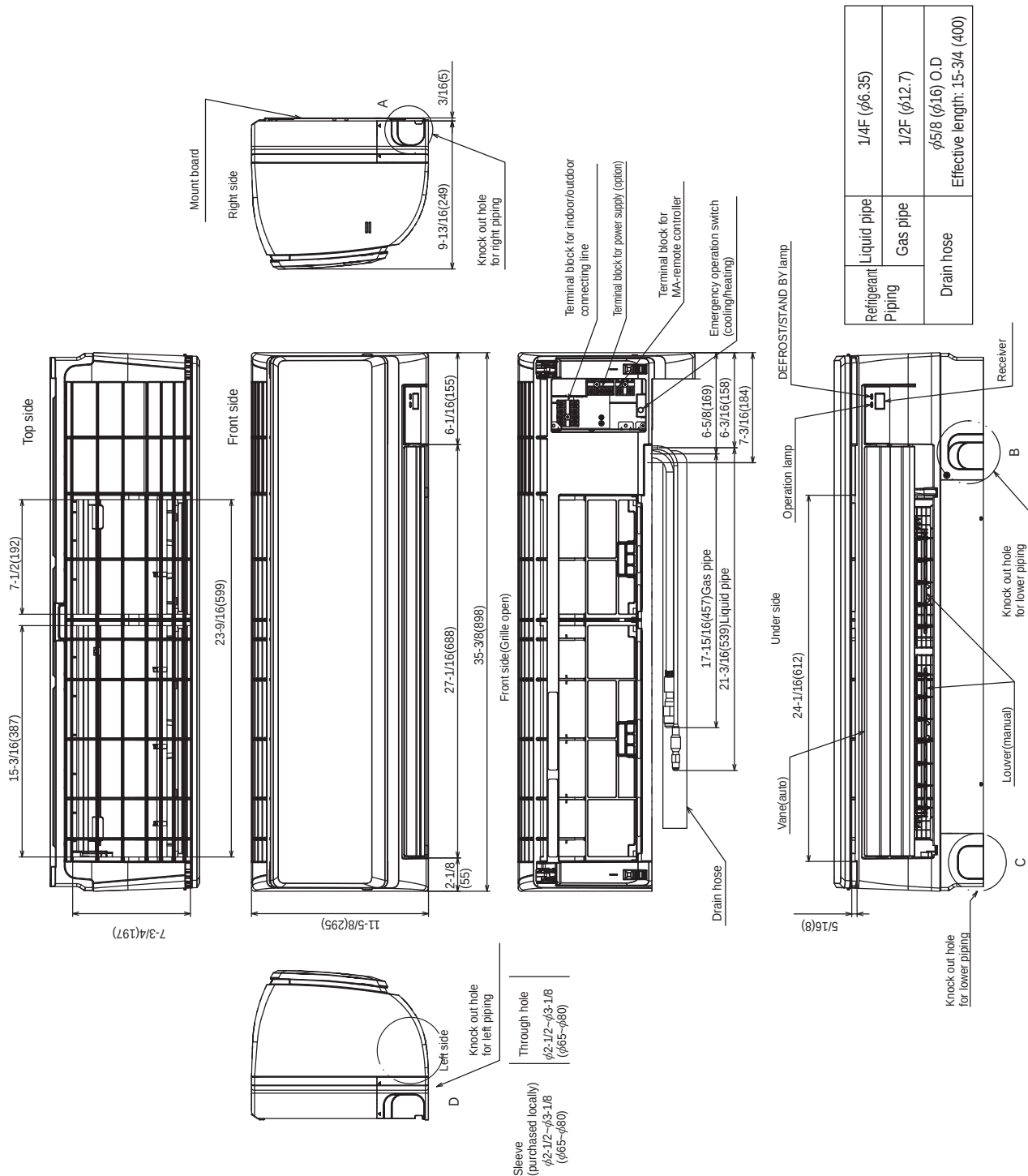
Refrigerant	R410A ; 4lbs., 14oz. (2.2kg)
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)
Maximum Total Refrigerant Pipe Length	Ft. (m)	165 (50)
Maximum Vertical Separation	Ft. (m)	100 (30)

Specifications are subject to change without notice.

DIMENSIONS: PKA-A18HA7

Unit: in. (mm)



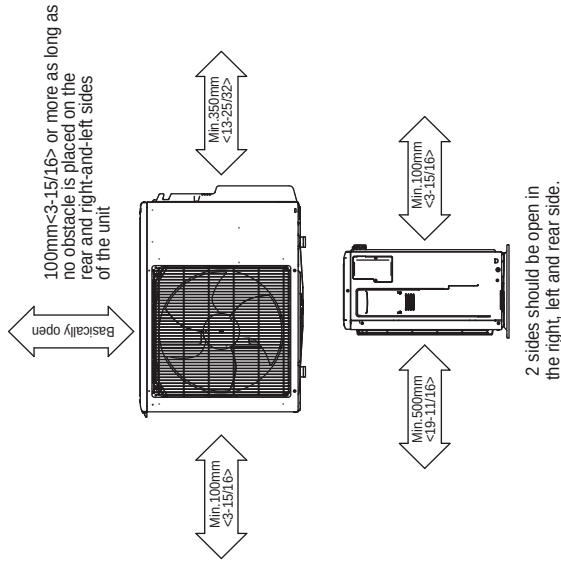
Specifications are subject to change without notice.

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DIMENSIONS: PUY-A18NKA7

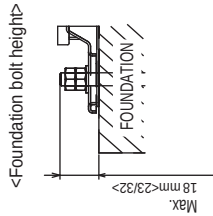
Unit: mm (in.)

Free space around the outdoor unit
(basic example)

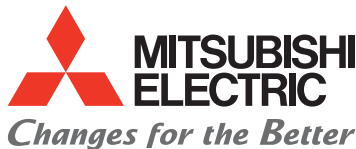
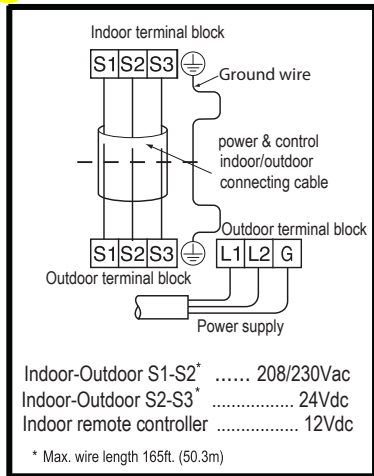
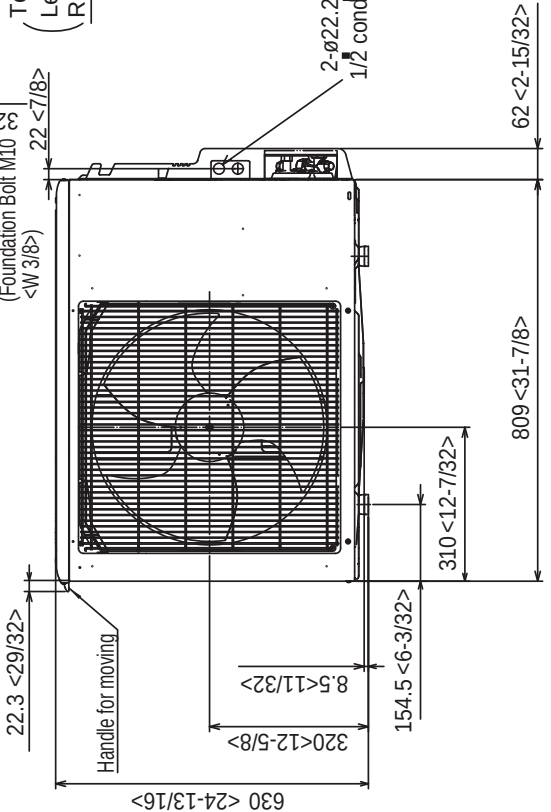
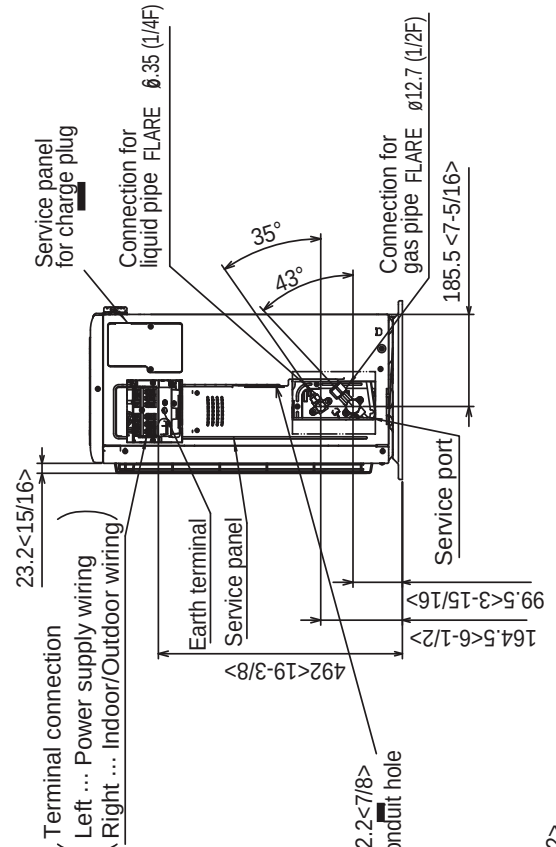
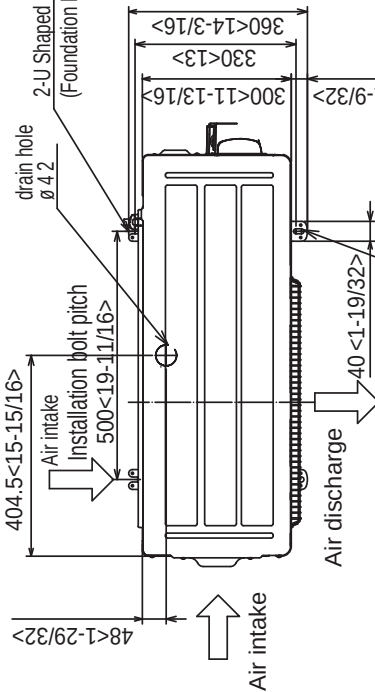


FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10<W3/8>) bolts. (Bolts, washers and nut must be purchased locally).



2-U Straped notched holes
(Foundation Bolt M10<W3/8>)



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