

SUBMITTAL DATA: PKA-A18LA-TH & 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-A18LA-TH



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-40MAU)
 Simple Wired Controller (PAC-YT53CRAU)
 Wireless Remote Controller (PAR-FL32MA)
 Thermostat Interface (PAC-US444CN)
 M-NET Adapter (PAC-SJ96MA-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 / 1,680

* 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	10.7
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 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.	0.19	
Fan Motor Output	W	30	
SHF		0.64 / 0.73**	
Field Drainpipe Size O.D.	In.(mm)	5/8 (16)	Moisture Removal - 5.8pt./h

Outdoor Unit		
Compressor	DC INVERTER-driven Twin Rotary	
Fan Motor (ECM)	F.L.A.	0.5
Fan Motor Power	W	46

Airflow Rate (Low-Mid1-Mid2-Hi)			
Indoor (Cooling)	DRY	CFM	265-310-375-450
	WET		215-255-320-375
Outdoor	DRY		1,590

Sound Pressure Level		
Indoor (Low-Mid1-Mid2-Hi)		dB(A)
Outdoor	Cooling	
		34-39-44-48
		44

External Dimensions		
Indoor (H x W x D)	In.(mm)	11-25/32 x 35-23/64 x 9-11/32 (299 x 898 x 237)
		24-13/16 x 31-13/16 + 7/16 x 11-3/16 (630 x 809 + 62 x 300)
Outdoor (H x W x D)		

Net Weight		
Indoor	Lbs.(kg)	28 (12.7)
		99 (44)
Outdoor		

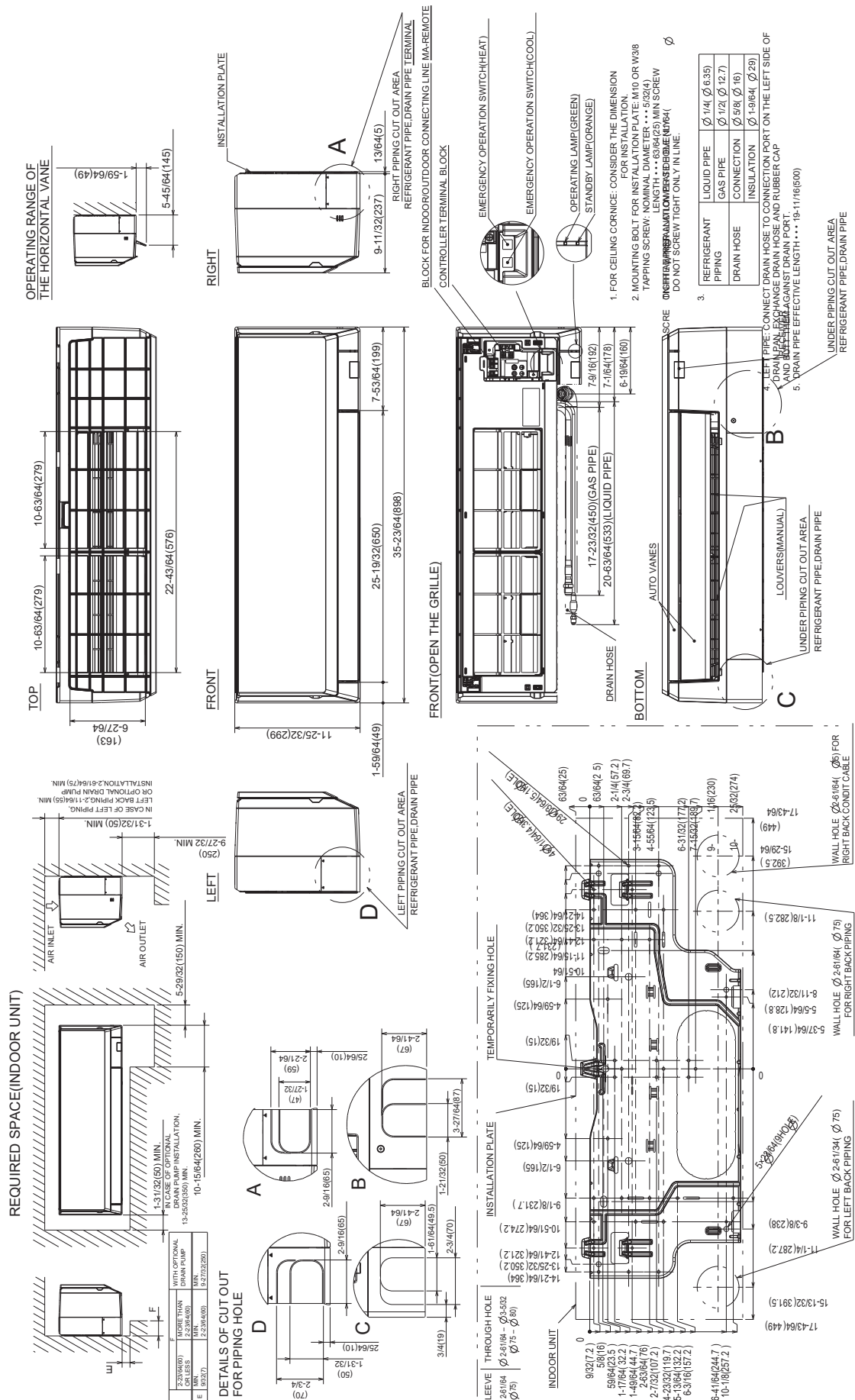
External Finish	
Indoor	White Munsell No. 0.7PB 9.2/0.4
Outdoor	Ivory Munsell No. 3Y 7.8 / 1.1

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.

Unit: in. (mm)



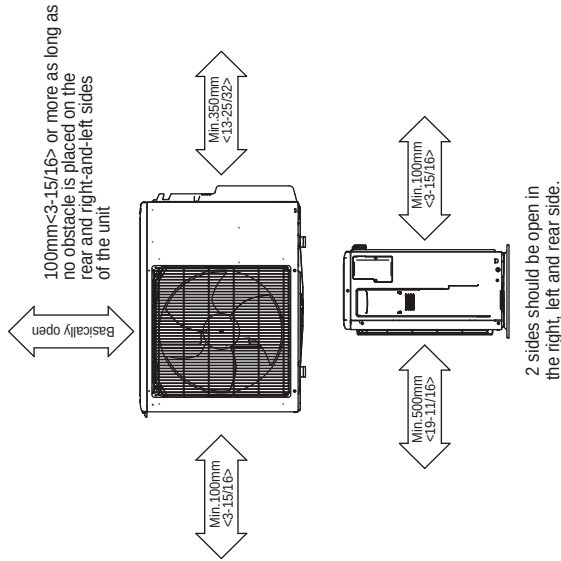
Form # SB PKA-A18LA-TH PUY-A18NKA7 202106a

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DIMENSIONS: PUY-A18NKA7

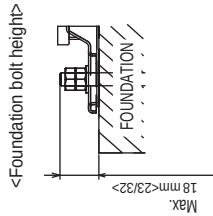
Unit: mm (in.)

Free space around the outdoor unit
(basic example)

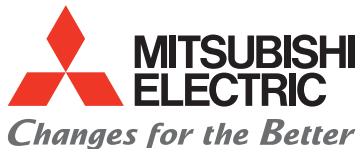
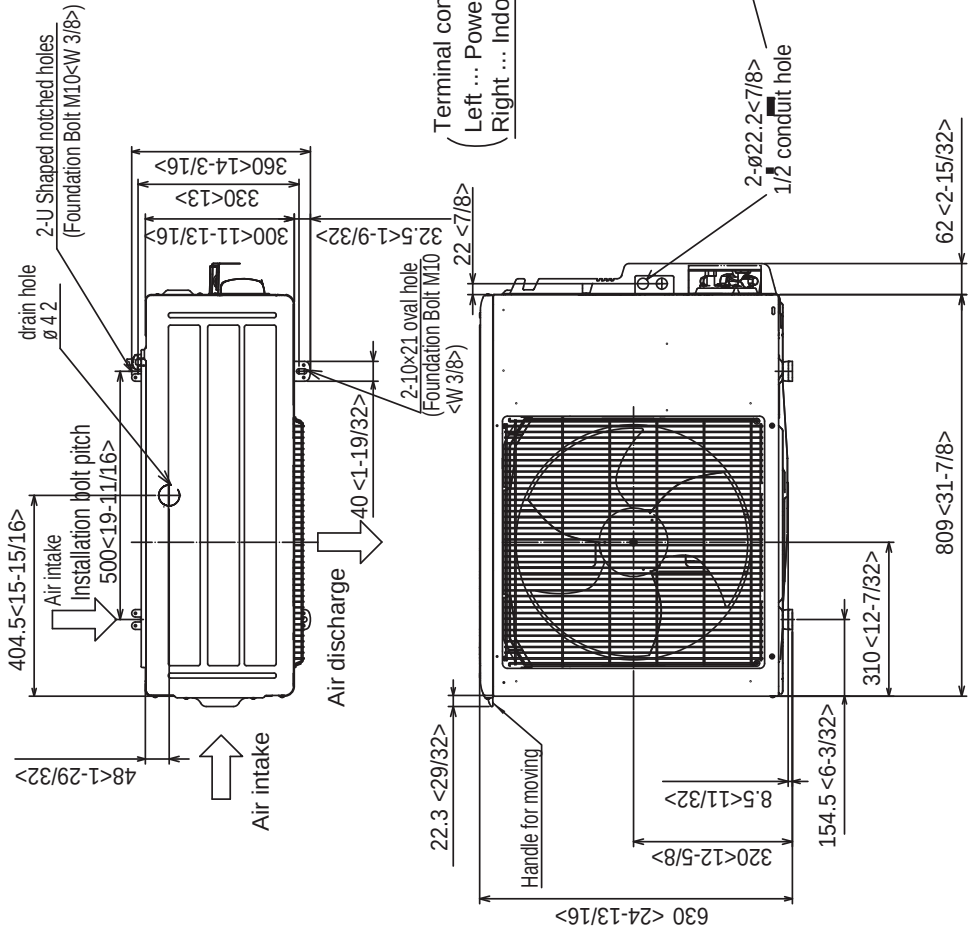
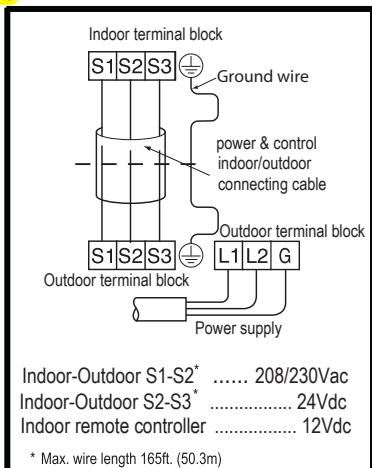


FOUNDATION BOLTS

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



IMPORTANT: OUTDOOR UNIT SHOULD BE INSTALLED ABOVE THE SNOW LEVEL



for a greener tomorrow

