

**SUBMITTAL DATA: PLA-A18EA7R1-TH & PUY-A18NKA7**  
18,000 BTU/H CEILING CASSETTE AIR-CONDITIONING SYSTEM

Job Name:	Engineer:
Purchaser:	Application:    Std. Cooling            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.:



**ACCESSORIES:**

**Indoor Unit**

Multifunction Casement / High Efficiency Filter (PAC-SJ41TM-E / PAC-SH59KF-E)  
Grille with 3D i-see Sensor™ (PLP-41EAEU) - (Required ordered separately)

**Optional Controls**

- Wireless Controller (MHK1)
- Advanced Wired Controller (PAR-40MAA)
- Simple Wired Controller (PAC-YT53CRA)
- Thermostat Interface (PAC-US444CN)
- Wireless Remote Controller (PAR-FL32MA)(Requires Signal Receiver (PAR-SR4LU-E))
- 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 / 1,250

\* 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	14.4
SEER	24.6

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

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.	0.34
Fan Motor Output	W	50
SHF / Moisture Removal		0.85 / 2.4 pt./h
Drain Lift Mechanism (Included)	H: In.	33-7/16
Field Drainpipe Size O.D.	In.(mm)	1-1/4 (32)

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

Airflow Rate (Low-M1-M2-Hi)			
Indoor (Cooling)	DRY	CFM	460-490-570-600
	WET		380-420-530-560
Outdoor	DRY		1,590

Sound Pressure Level		
Indoor (Low-M1-M2-Hi)	dB(A)	28-29-31-32
Outdoor    Cooling		44

External Dimensions			
Indoor (H x W x D)	In. (mm)	10-3/16 [1-9/16] x 33-1/16 [37-13/32] x 33-1/16 [37-13/32]	
Grille (H x W x D)		(258 [40] x 840 [950] x 840 [950])	
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 (Unit / Grille)	Lbs.(kg)	46 / 11 (21 / 5)
Outdoor		99 (44)

External Finish	
Indoor	Munsell 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	Fl. (m)	165 (50)
Maximum Vertical Separation	Fl. (m)	100 (30)

Specifications are subject to change without notice.

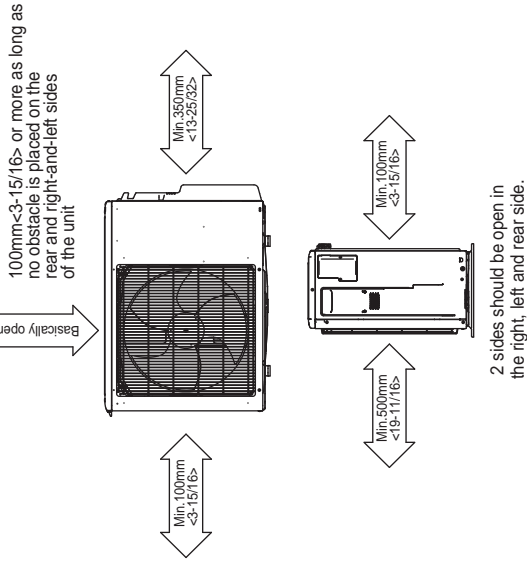
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# DIMENSIONS: PUY-A18NKA7

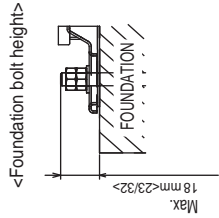
Unit: mm (in.)

## Free space around the outdoor unit (basic example)



## FOUNDATION BOLTS

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



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

