P-SERIES

PLA-A18BA6 & PUY-A18NHA6 (-BS)

18,000 BTU/H CEILING CASSETTE AIR-CONDITIONING SYSTEM

MITSUBISHI ELECTRIC

Job Name:	
System Reference:	Date:

Indoor Unit: PLA-A18BA6

Outdoor Unit: PUY-A18NHA6 (-BS)

UNIT OPTION:

- ☐ Standard Model.....PUY-A18NHA6
- ☐ Seacoast (BS) Model.....PUY-A18NHA6-BS

ACCESSORIES:

Indoor Unit

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ iSee Corner Panel (PAC-SA1ME-E)
- ☐ Multifunction Casement / MERV 10 Filter (PAC-SH53TM-E / PAC-SH59KF)
- ☐ Air Outlet Plates (PAC-SH51SP-E)

Outdoor Unit

- ☐ Wind Baffle (WB-PA1)*

*Allows operation to 0º F (-18º C).

- ☐ Advanced Wind Baffle (WB-SD1 and/or WB-RE1)**

**Allows operation to -20º F (-29º C).

- ☐ Air Outlet Guide (PAC-SG58SG-E)
- ☐ Wall Bracket (QSWB2000M-1)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Advanced Wired Controller (PAR-31MAA)
- ☐ Simple Wired Controller (PAC-YT53CRAU)
- ☐ M-NET Adapter (PAC-SF83MA-E)
- ☐ Temperature Sensor (PAC-SE41TS)

SPECIFICATIONS:

Rated Conditions (Capacity / Input)*		
Cooling	Btu/h / W	18,000 / 1,940

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

Capacity Range		
Cooling	Btu/h	8,000 - 18,000

Operating Range	
Cooling	-20º F to 115º F (-29º C to 46º C) DB**

**Applies only to systems utilizing Advanced Wind Baffle Kit.
Equipment operation range without any additional accessories: 23º F to 115º F (-5º C to 46º C) DB.
Equipment operation range with Standard Wind Baffle: 0º F to 115º F (-18º C to 46º C) DB.
For operation below -20º F (-29º C) DB, please contact your Mitsubishi Electric representative.

AHRI Efficiency Ratings	
EER	9.3
SEER	14.2

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

Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	1 / 13

Indoor Unit		
Fan Motor (ECM)	F.L.A.	0.51
Fan Motor Output	W	50
SHF / Moisture Removal		0.81 / 3 pt./h
Drain Lift Mechanism (Included)	H: In.	33-7/16

Outdoor Unit		
Compressor		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.35
MOCP	A	20

Airflow Rate (Low-M1-M2-Hi)			
Indoor (Cooling)	DRY	CFM	420-490-570-640
	WET		390-460-530-600
Outdoor	DRY		1,200

Sound Pressure Level			
Indoor (Low-M1-M2-Hi)		dB(A)	28-29-31-32
Outdoor	Cooling		48

External Dimensions		
Indoor (H x W x D)	In.(mm)	10-3/16 x 33-1/16 x 33-1/16 (258 x 840 x 840)
Outdoor (H x W x D)		23-5/8 x 31-1/2 x 11-13/16 + 7/8 (600 x 800 x 300 + 23)

Net Weight		
Indoor (Unit / Grille)	Lbs.(kg)	49 / 13 (22 / 6)
Outdoor		89 (40)

External Finish	
Indoor	Munsel No. 6.4Y 8.9/0.4
Outdoor	Munsell No. 3Y 7.8 / 1.1

Refrigerant	R410A ; 3lbs., 12oz.

Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)
Maximim Total Refrigerant Pipe Length	Ft. (m)	165 (50)
Maximum Vertical Separation	Ft. (m)	100 (30)

Specifications are subject to change without notice.

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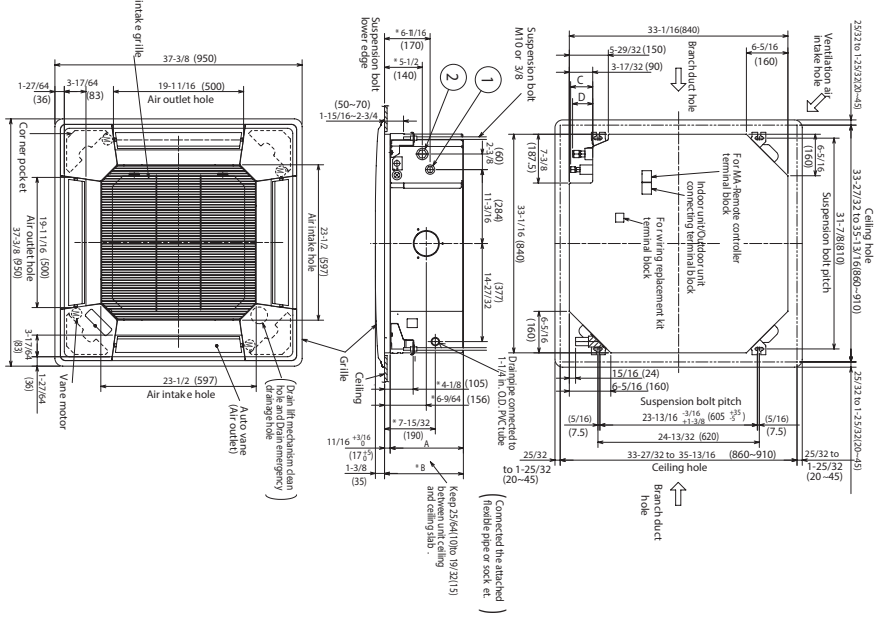
DIMENSIONS: PLA-A18BA6 & PUY-A18NHA6 (-BS)

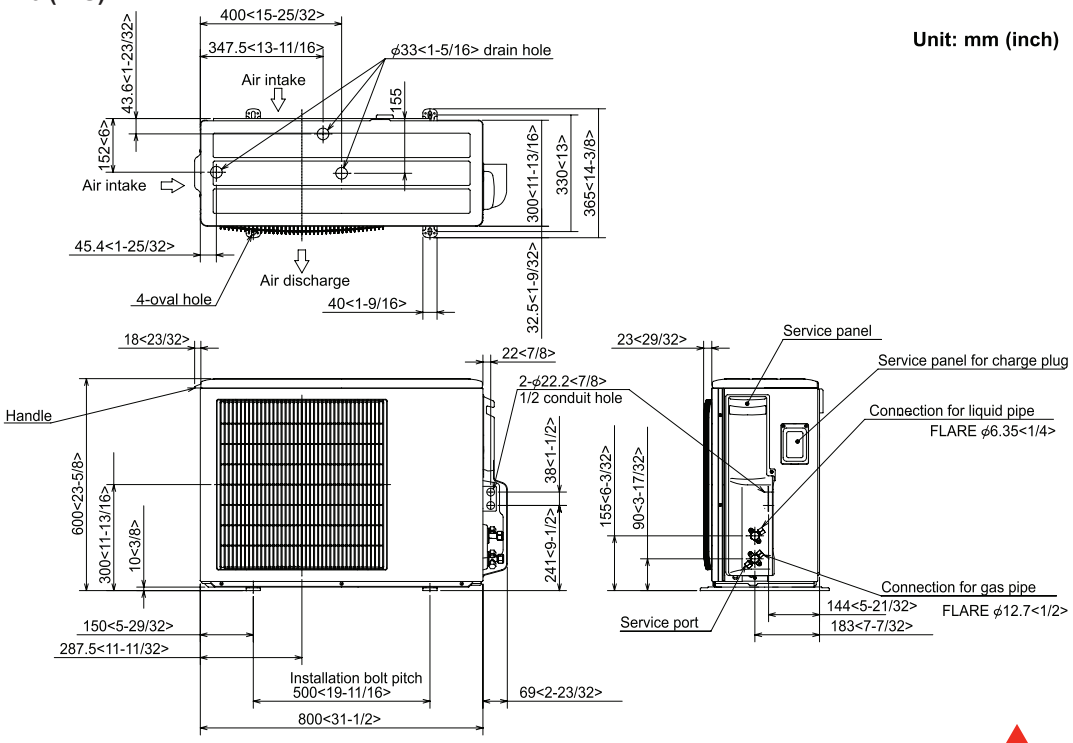
PLA-A18BA6

Unit : inch(mm)



PUY-A18NHA6 (-BS)

Unit: mm (inch)



NOTES:
SEACOAST PROTECTION

- External Outer Panel: Phosphate coating + Acrylic-Enamel coating
- Fan Motor Support: Epoxy resin coating (at edge face)
- Separator Assembly ; Valve Bed: Epoxy resin coating (at edge face)
- Screws (used outer side): Zinc nickel coating 5μm + Polyvinylidene chloride coating

"Blue Fin" treatment is an anti-corrosion treatment that is applied to the condenser coil to protect it against airborne contaminants..

MITSUBISHI ELECTRIC
COOLING & HEATING

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AHRI CERTIFIED™ www.ahridirectory.org Unitary Small AC AHRI Standard 210/240 Certification applies only when the complete system is listed with AHRI.

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