

SUBMITTAL DATA: PLA-A30EA7 & PUY-A30NHA7

30,000 BTU/H CEILING CASSETTE 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: PLA-A30EA7



Outdoor Unit: PUY-A30NHA7 (-BS)

UNIT OPTION:

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

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-SJ95MA-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 / 2,540

* 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	11.8
SEER	22.8

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.	0.74
Fan Motor Output	W	120
SHF / Moisture Removal		0.80 / 5.4 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.	0.4
Fan Motor Power	W	86

Airflow Rate (Low-M1-M2-Hi)			
Indoor (Cooling)	DRY	CFM	570-670-780-880
	WET		530-630-740-840
Outdoor	DRY		1,940

Sound Pressure Level		
Indoor (Low-M1-M2-Hi)	dB(A)	28-32-35-38
Outdoor		47

External Dimensions			
Indoor (H x W x D)	In.(mm)	11-3/4 [1-9/16] x 33-3/32 [37-13/32] x 33-3/32 [37-13/32]	
Grille ([H x W x D])		(298 [40] x 840 [950] x 840 [950])	
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 (Unit / Grille)	Lbs.(kg)	56 / 11 (25 / 5)
Outdoor		151 (68)

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

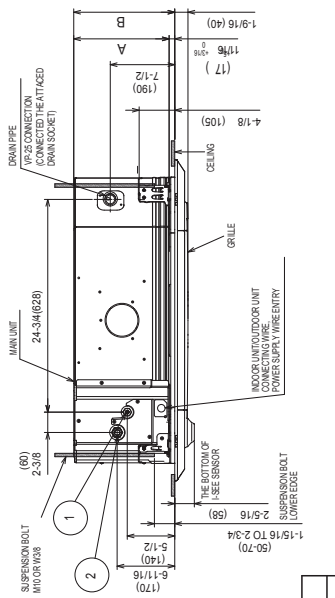
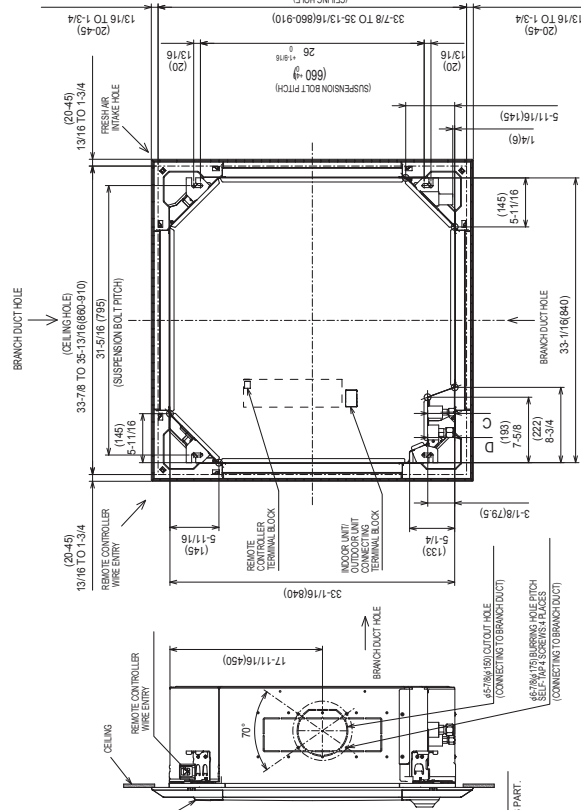
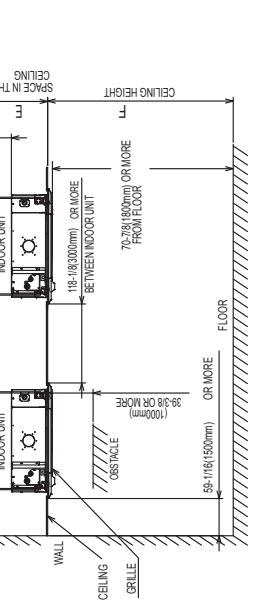
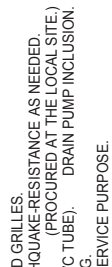
Refrigerant	R410A ; 7lbs., 11oz. (3.5kg)
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Maximum Total Refrigerant Pipe Length	Ft. (m)	225 (69)
Maximum Vertical Separation	Ft. (m)	100 (30)

Specifications are subject to change without notice.

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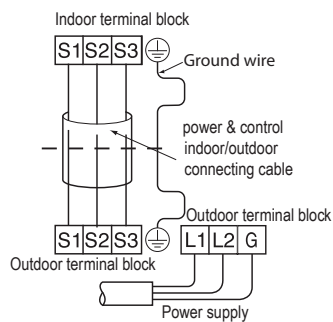
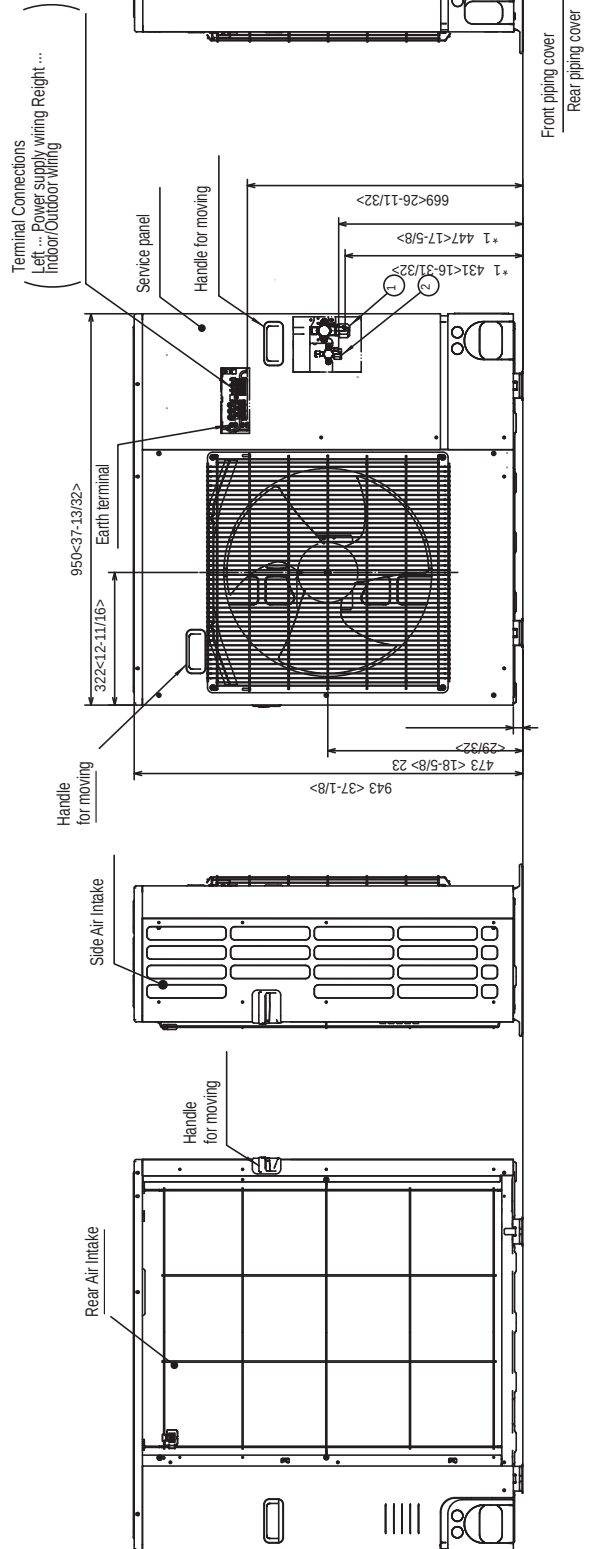
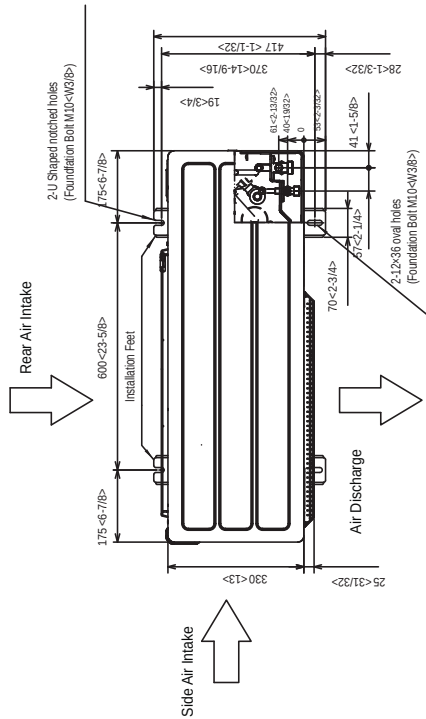
BETWEEN THE TOP OF UNIT
AND CEILING SLAB



MODELS	(1)	(2)	A	B	C	D	E	F
PLA-A12/18EA7	REFRIGERANT FPEF4-B3 FLARED CONNECTION 1HF	REFRIGERANT FPEF4-B2 FLARED CONNECTION 1F	9-1/2 (241)	10-3/16 (269)	3/8" (306.9)	3/8" (306.9)	10-7/16/2690 OR MORE	137-13/16/2600 OR LESS
PLA-A24~42EA7	REFRIGERANT FPEF4-B3 FLARED CONNECTION 3HF	REFRIGERANT FPEF4-B2 FLARED CONNECTION 3HF	11-1/16 (281)	1-1/4 (268)	1-1/4 (268)	3-1/8 (79.5)	13/3200 OR MORE	177-3/16/4000 OR LESS

DIMENSIONS: PUY-A30NHA7

Unit: mm (in.)



Indoor-Outdoor S1-S2* 208/230Vac
Indoor-Outdoor S2-S3* 24Vdc
Indoor remote controller 12Vdc

* Max. wire length 165ft. (50.3m)



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