

SUBMITTAL DATA: PCA-A36GA & PUZ-A36NHA
35,000 Btu/h CEILING-SUSPENDED HEAT-PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
Unit Designation:	Schedule No.:	

GENERAL FEATURES

- Limited warranty: one year on parts and defects and six years on compressor
- Compact side-discharge outdoor unit
- Zone control
- Hard-wired, wall-mounted controller (PAR-21MAA)
- Automatic fan speed control
- Quiet operation – both, indoor and outdoor units
- Auto restart following a power outage
- Self check function
- Advanced microprocessor control

Cooling

Rated capacity	35,000 Btu/h
Minimum capacity	12,000 Btu/h
SEER	13.1
Total input	4630 W
Power supply	208 / 230V, 1 Phase, 60 Hz
Breaker size	30 A

Heating

Rated capacity	37,000 Btu/h
Minimum capacity	12,000 Btu/h
Total input	3490 W
HSPF (I/V) (Btu/h/W)	8.3 / 6.7

Voltage

Indoor - outdoor S1-S2	AC 208/230V
Indoor - outdoor S2-S3	DC 24V
Indoor - remote controller	DC

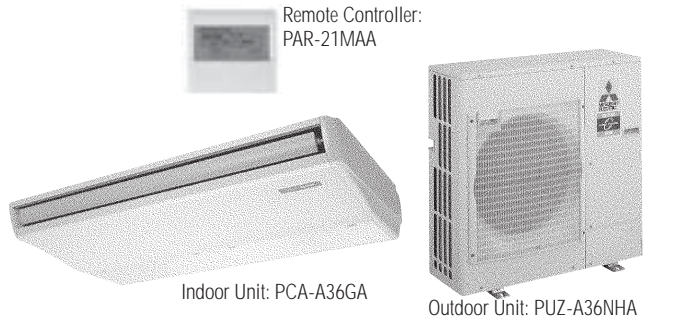
Indoor Unit

MCA	1 A
Fan motor	0.69 F.L.A.
Fan motor output	90 W
Airflow (Lo-M1-M2-Hi)	705-740-810-880 Dry CFM 635-670-730-790 Wet CFM
Sound (level) (Lo-M1-M2-Hi)	37-39-41-43 dB(A)

DIMENSIONS

	INCHES	MM
W	51-9/16	1310
D	26-3/4	680
H	10-5/8	270

Weight (lbs/Kg)	82 / 37
Field drain pipe size I.D. (inches/mm)	1 / 25.4


Outdoor Unit

Compressor	DC inverter/twin rotary MCA	25
Fan motor		0.75 F.L.A.
Sound level		48 dB(A)

DIMENSIONS

	INCHES	MM
W	37-3/8	950
D	13 + 1-3/16	330 + 30
H	37-1/8	943

Weight (lbs/Kg)	163 / 74
Refrigerant type	R410A
Refrigerant pipe size O.D. (inches/mm)	
gas side	5/8 / 15.88
liquid side	3/8 / 9.52
Max. refrigerant pipe length (ft/m)	165 / 50
Max. refrigerant pipe height difference (ft/m)	100 / 30
Connection method	flared

NOTES :

*1. Rating conditions (cooling)-indoor : D.B. 80°F, W.B. 67°F
 outdoor : D.B. 95°F, W.B. 75°F.

*2. Rating conditions (heating)-indoor : D.B. 70°F, W.B. 60°F outdoor : D.B. 17°F, W.B. 15°F.

Operating range

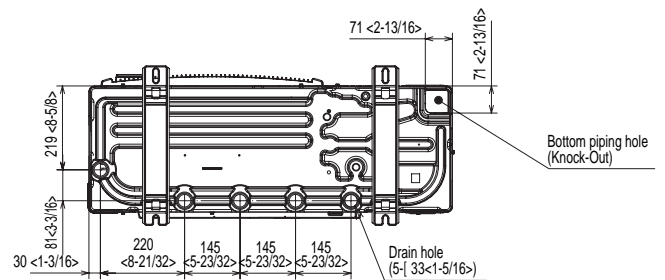
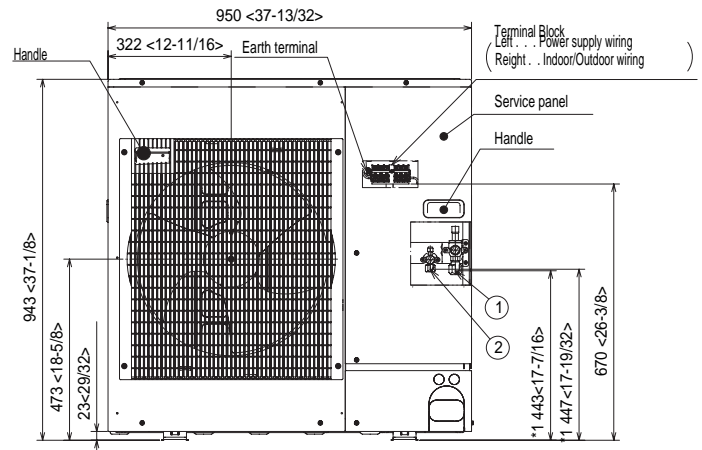
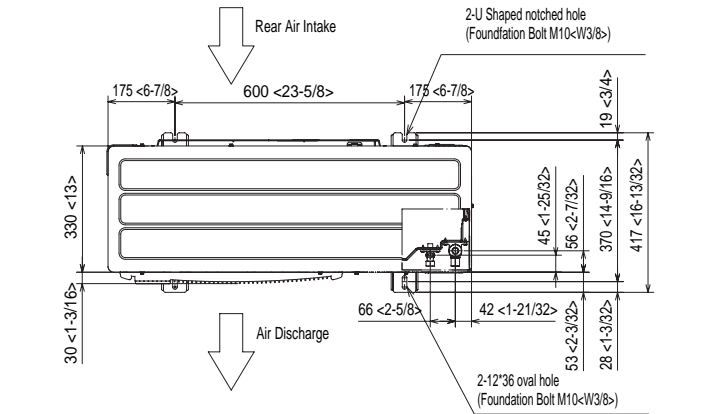
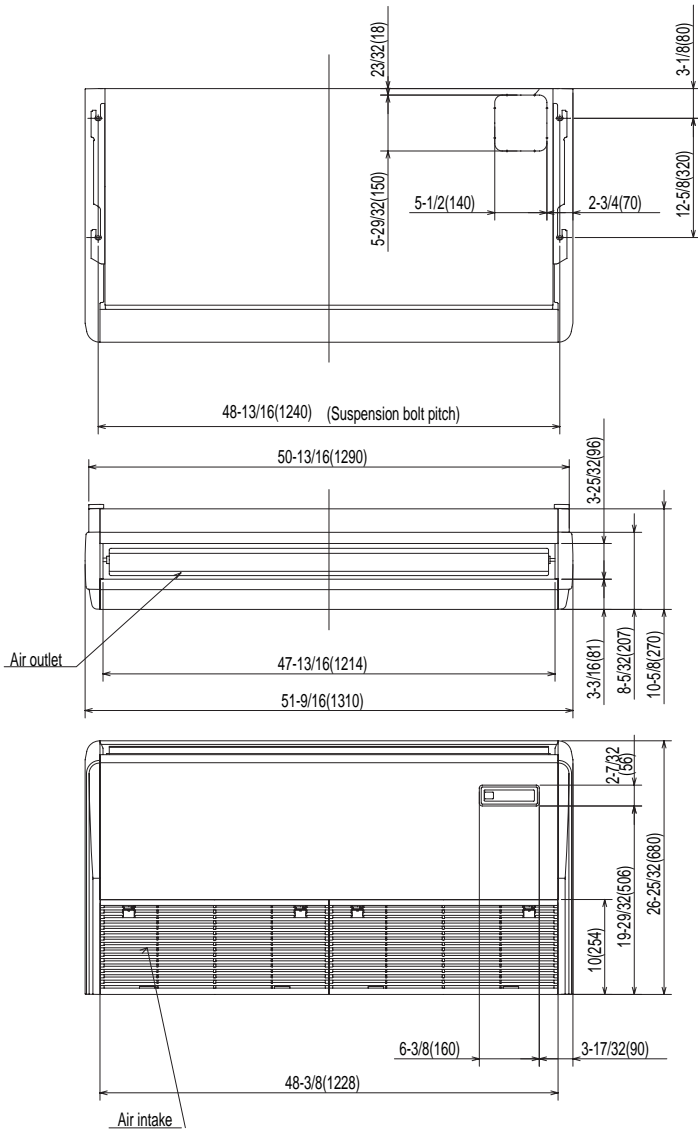
		Indoor intake air temp.	Outdoor intake air temp.
Cooling	Maximum	D.B. 95°F, W.B. 71°F	D.B. 115°F
	Minimum	D.B. 67°F, W.B. 57°F	D.B. 0°F *
Heating	Maximum	D.B. 80°F, W.B. 67°F	D.B. 70°F, W.B. 59°F
	Minimum	D.B. 70°F, W.B. 60°F	D.B. 12°F, W.B. 10°F

* With wind baffle installed. If not installed, the minimum rated temperature is 23°FDB.



Notes:

DIMENSIONS: PCA-A36GA & PUZ-A36NHA



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