

**SUBMITTAL DATA: PLA-A42AA & PUY-A42NHA**

42,000 Btu/h CEILING CASSETTE AIR-CONDITIONING 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, six years on compressor
- Compact, side discharge outdoor unit
- Quiet operation – indoor and outdoor units
- Auto-restart following a power outage
- Self-check function – onboard diagnostics
- Advanced microprocessor control
- Built-in drain lift mechanism for condensate removal
- Zone control
- Hard-wired, wall-mounted, remote controller (PAR-21MAA)
- 2, 3, or 4 way air flow selection / 6" round or 4 X 14" rectangular branch duct connection
- 4" ventilation air inlet
- Washable filter

**OPTIONAL FEATURES**

- Multi-function casement
- High efficiency filter element
- Air outlet shutter plate(s)
- Wireless Remote Controller kit
- M-Net adapter
- Wind Baffle
- Air outlet guide

**COOLING**

Rated capacity . . . . . 42,000 Btu/h  
Minimum capacity . . . . . 18,000 Btu/h  
SEER . . . . . 13.1 Btu/h/W  
Total input . . . . . 4820 W  
Power supply . . . . . 208 / 230V, 1 Phase, 60 Hz  
Breaker size . . . . . 30 A

**VOLTAGE**

Indoor - Outdoor S1-S2 . . . . . AC 208/230V  
Indoor - Outdoor S2-S3 . . . . . DC 24V  
Indoor - Remote Controller . . . . . DC

**NOTES:**

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

**OPERATING RANGE**

|         | Indoor intake air temp.  | Outdoor intake air temp. |
|---------|--------------------------|--------------------------|
| Cooling | Max D.B. 95°F, W.B. 71°F | D.B. 115°F               |
|         | Min D.B. 67°F, W.B. 57°F | D.B. 0°F *               |

\* With wind baffle installed. If not installed, the minimum temperature will be 23°FDB.

Notes:


**INDOOR UNIT**

MCA . . . . . 2 A  
Fan motor . . . . . 1.25 F.L.A.  
Fan motor output . . . . . 110 W  
Airflow (Lo-M1-M2-Hi) . . . . . 710-810-920-990 Dry CFM  
670-770-880-950 Wet CFM  
Sound level (Lo-M1-M2-Hi) . . . . . 33-36-39-41 dB(A)

| DIMENSIONS | UNIT | PANEL   |
|------------|------|---------|
| inches     | W    | 33-1/16 |
|            | D    | 33-1/16 |
|            | H    | 11-3/4  |
| mm         | W    | 840     |
|            | D    | 840     |
|            | H    | 298     |

**WEIGHT (unit/panel)**

Pounds . . . . . 71 / 11  
Kg . . . . . 32 / 5  
Field drain pipe size I.D. (inches/mm) . . . . . 1 / 25.4  
Wall-mounted remote controller . . . . . PAR-21MAA  
(see data submittal sheet)

**OUTDOOR UNIT**

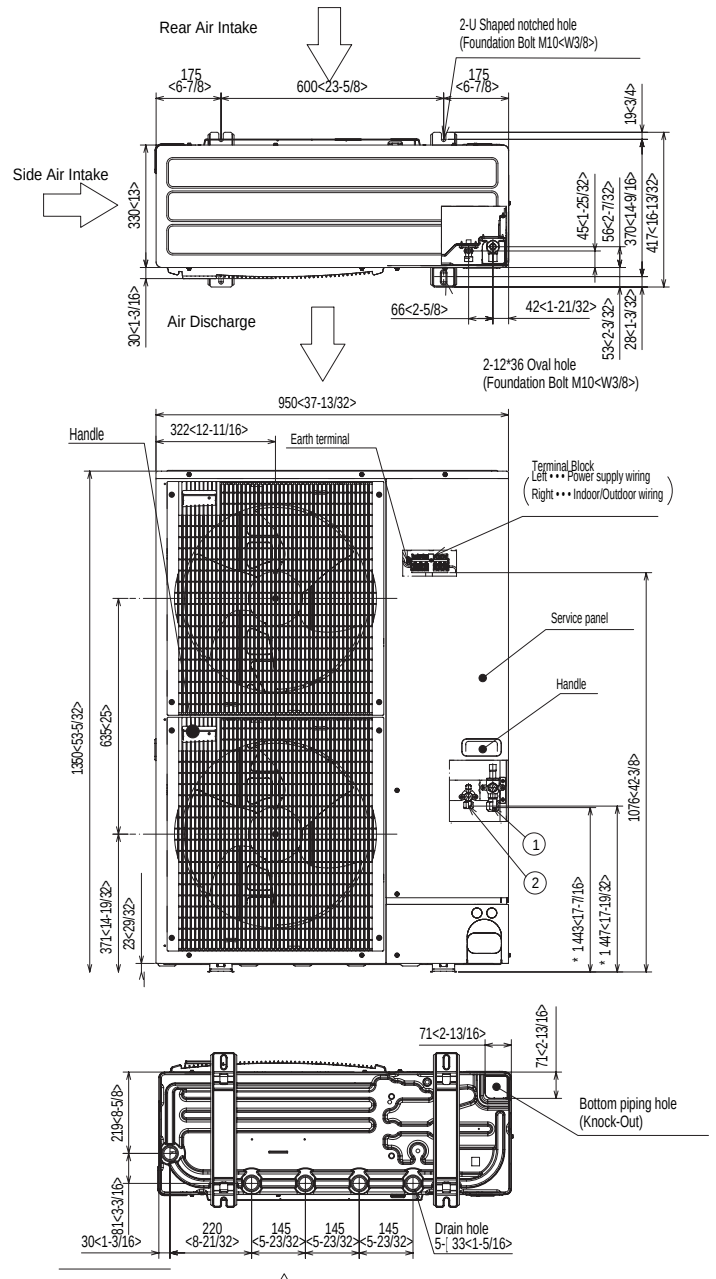
Compressor . . . . . inverter/scroll  
MCA . . . . . 26  
Fan motor . . . . . 0.4 + 0.4 F.L.A.  
Sound level . . . . . 51 dB(A)

| DIMENSIONS | INCHES | MM          |
|------------|--------|-------------|
|            | W      | 37-3/8      |
|            | D      | 13 + 1-3/19 |
|            | H      | 53-1/8      |

Weight (lbs/Kg) . . . . . 265 / 120  
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



DIMENSIONS: PLA-A42AA & PUY-A42NHA



3400 Lawrenceville Suwanee Rd  
Suwanee, GA 30024  
Tele: 678-376-2900 • Fax: 800-889-9904  
Toll Free: 800-433-4822 (#3)

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