

SUBMITTAL DATA: PKA-A36KA8 & PUY-A36NKA7
36,000 BTU/H WALL-MOUNTED AIR-CONDITIONING SYSTEM

| | |
|---------------------|---|
| Job Name: | Engineer: |
| Purchaser: | Application: <input type="checkbox"/> Std. Cooling <input type="checkbox"/> 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.: |



UNIT OPTION:

Standard Model.....PUY-A36NKA7

ACCESSORIES:

Controls

- Wireless Controller (MHK2)
- Advanced Wired Controller (PAR-41MAA)
- Simple Wired Controller (PAC-YT53CRAU)
- Wireless Remote Controller (PAR-FL32MA)
- Interface Module (RMF-CA200)
- M-NET Adapter (PAC-SF83MA-E)

Outdoor Unit

- Rear Snow Guard (SG-1-RE)
- Side Snow Guard (SG-1-SD)
- Front Wind Deflector (x2 required) (CM-S-FR-NKMU)
- Front Wind Blocker (x2 per box) (CM-S-BLK-NKMU)

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 | 36,000 / 3,330 |

* 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 | 16,000 - 36,000 |

| 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 | |
|------------------------|------|
| EER2 | 10.8 |
| SEER2 | 19.4 |

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

| Minimum Circuit Ampacity (MCA) * | | Breaker Size | MOCP (Outdoor) |
|----------------------------------|----------------|--------------|----------------|
| Indoor 1 AMP | Outdoor 25 AMP | 30 AMP | 31 AMP |

*** All electrical work shall comply with National (CEC) and local codes and regulations.**

| Indoor Unit | | |
|---------------------------|---------|------------------|
| Fan Motor (ECM) | F.L.A. | 0.57 |
| Fan Motor Output | W | 56 |
| SHF / Moisture Removal | | 0.70 / 9.7 pt./h |
| Field Drainpipe Size O.D. | In.(mm) | 5/8 (16) |

| Outdoor Unit | | |
|-----------------|--------|--------------------------------|
| Compressor | | DC INVERTER-driven Twin Rotary |
| Fan Motor (ECM) | F.L.A. | 0.5 + 0.5 |
| Fan Motor Power | W | 74 |

| Airflow Rate (Low-Mid-Hi) | | | |
|---------------------------|-----|-----|-------------|
| Indoor (Cooling) | DRY | CFM | 705-810-920 |
| | WET | | 635-730-830 |
| Outdoor | DRY | | 3,880 |

| Sound Pressure Level | | |
|----------------------|-------|----------|
| Indoor (Low-Mid-Hi) | dB(A) | 43-46-49 |
| Outdoor Cooling | | 52 |

| External Dimensions | | |
|---------------------|---------|---|
| Indoor (H x W x D) | In.(mm) | 14 3/8 x 46 1/16 x 11 5/8 (365 x 1170 x 295) |
| Outdoor (H x W x D) | | 52-11/16 x 41-5/16 x 13 + 1-3/16 (1,338 x 1050 x 330 + 30) |

| Net Weight | | |
|------------|----------|----------|
| Indoor | Lbs.(kg) | 46 (21) |
| Outdoor | | 211 (96) |

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

| | |
|-------------|------------------------------|
| Refrigerant | R410A ; 10lbs., 6oz. (4.7kg) |
|-------------|------------------------------|

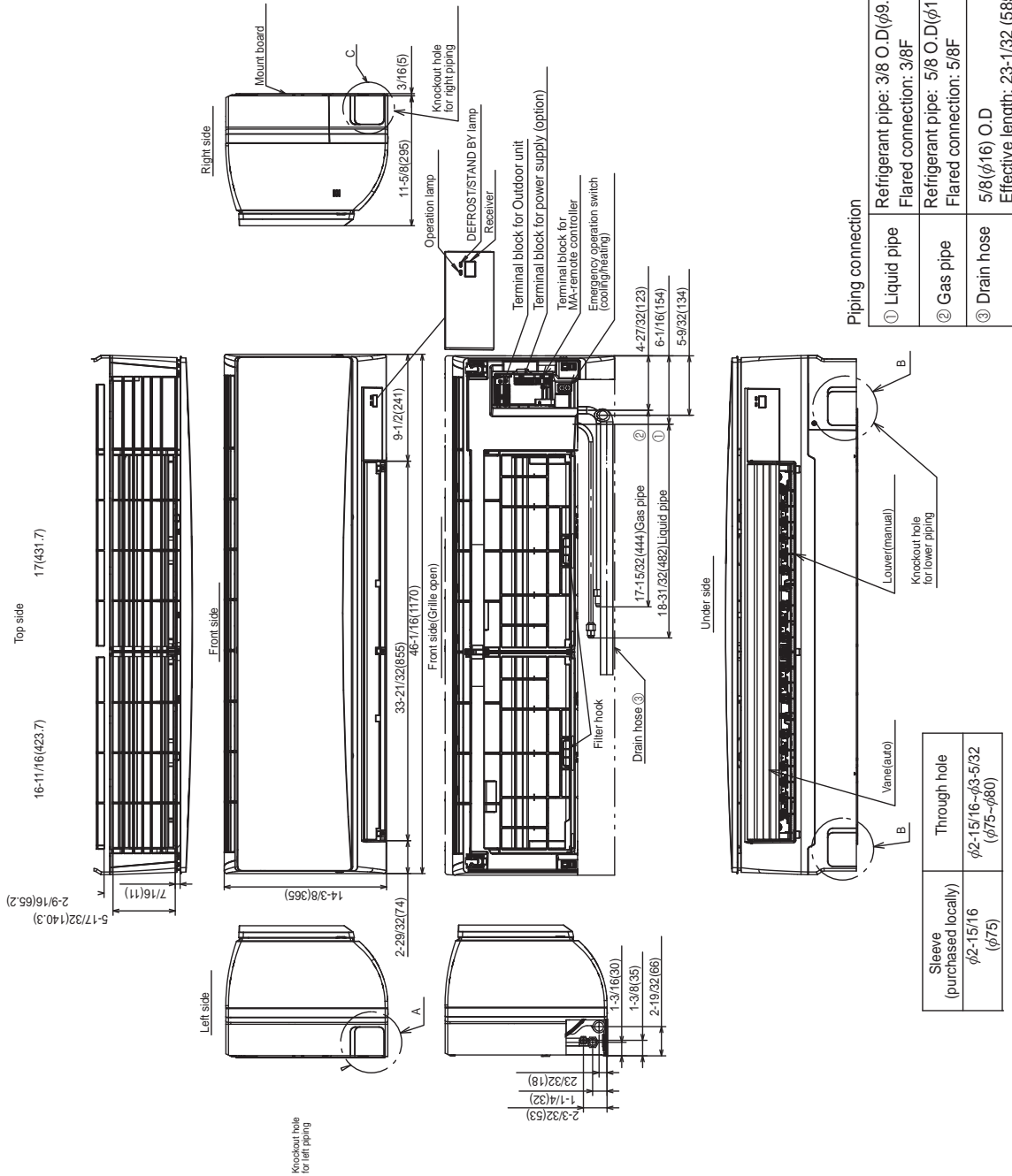
| Refrigerant Piping (Flared) | | |
|---------------------------------------|---------|-------------|
| Liquid (High Pressure) | In.(mm) | 3/8 (9.52) |
| Gas (Low Pressure) | | 5/8 (15.88) |
| Maximum Total Refrigerant Pipe Length | Ft. (m) | 225 (69) |
| Maximum Vertical Separation | Ft. (m) | 100 (30) |

Specifications are subject to change without notice.

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DIMENSIONS: PKA-A36KA8

Unit: in. (mm)



Piping connection

| | |
|---------------|---|
| ① Liquid pipe | Refrigerant pipe: 3/8 O.D.(φ9.52) Flared connection: 3/8F |
| ② Gas pipe | Refrigerant pipe: 5/8 O.D.(φ15.88) Flared connection: 5/8F |
| ③ Drain hose | 5/8 (φ16) O.D Effective length: 23-1/32 (585) |

| | |
|----------------------------|----------------------------|
| Sleeve (purchased locally) | Through hole |
| φ2-15/16 (φ75) | φ2-15/16-φ3-5/32 (φ75-φ80) |

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