

SUBMITTAL DATA: SVZ-KP30NA & SUZ-KA30NAH2

30,000 BTU/H MULTI-POSITION AIR HANDLER HEAT PUMP SYSTEM

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


ACCESSORIES:

- Windscreens (ME-FR-24)
- Electric Heater Kit (See_SB_EH_MVZ_PVA_PVfy_SVZ)

Optional Controls

- Wireless Controller (MHK1)
- Wired Remote Controller (PAR-40MAA)
- Thermostat Interface (PAC-US444CN-1)
- Simple MA Remote (PAC-YT53CRAU-J)
- Wireless Remote Controller (PAR-FL32MA-E)
- System Control Interface (MAC-334IF-E)

| Operating range | | Indoor make air temperature | | Outdoor make air temperature | |
|-----------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------------|----------------------------------|
| Maximum | D.B. 20.7°C(69°F), W.B. 19.4°C(67°F) | D.B. 21.7°C(71°F) | D.B. 21.7°C(71°F) | D.B. 46°C(115°F) | D.B. 46°C(115°F) |
| Minimum | D.B. 25.7°C(78°F), W.B. 19.4°C(67°F) | D.B. 24°C(75°F), W.B. 18°C(65°F) | D.B. 24°C(75°F), W.B. 18°C(65°F) | D.B. 24°C(75°F), W.B. 18°C(65°F) | D.B. 24°C(75°F), W.B. 18°C(65°F) |
| Maximum | D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) | D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) | D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) | D.B. 40°C(104°F) | D.B. 40°C(104°F) |
| Minimum | D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) | D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) | D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) | D.B. 10°C(50°F) | D.B. 10°C(50°F) |

NOTES: *1 Rating conditions (cooling/indoor: D.B. 26.7°C(80°F), W.B. 19.4°C(67°F); Outdoor: D.B. 35°C(95°F), W.B. 25.9°C(78°F); Heating/indoor: D.B. 21.1°C(70°F), W.B. 15.6°C(60°F); Outdoor: D.B. 35°C(95°F), W.B. 25.9°C(78°F))
 *2 Rating conditions (heating/indoor: D.B. 21.1°C(70°F), W.B. 15.6°C(60°F); Outdoor: D.B. 35°C(95°F), W.B. 25.9°C(78°F))

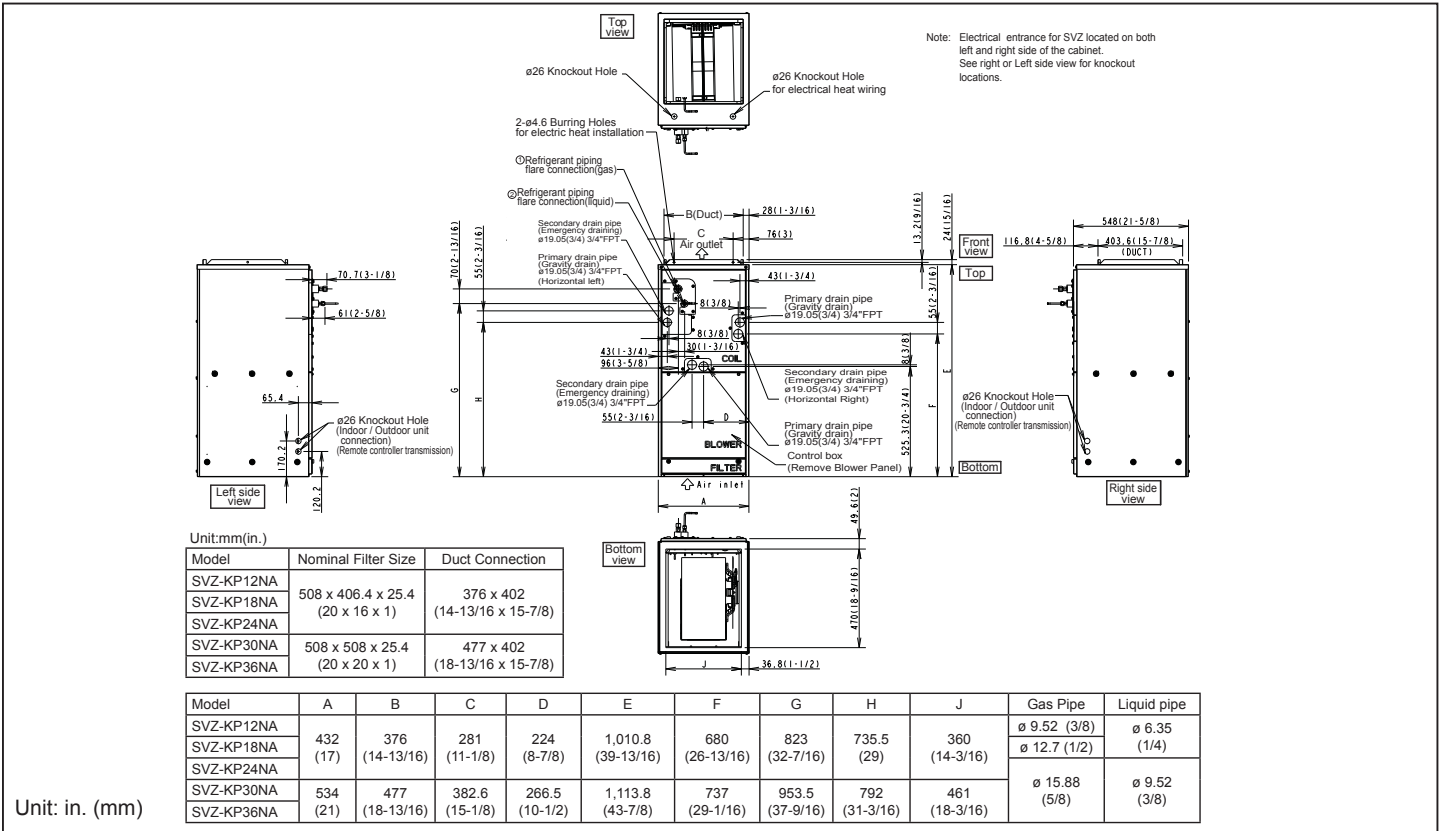
| | | | | |
|-------------------------|----------------------------------|-------------------------|-----------------|--|
| Cooling | Rated Capacity | Btu/h | 27000 | |
| | Capacity Range | Btu/h | 13500-27000 | |
| | Total input | W | 2160 | |
| | Energy Efficiency | EER | 12.5 | |
| | | SEER | 18 | |
| | Moisture Removal | Pints/h | 2.4 | |
| | Sensible Heat Factor | | 0.9 | |
| Heating at 47°F | Rated Capacity | Btu/h | 30000 | |
| | Capacity Range | Btu/h | 12640-33000 | |
| | Total input | W | 2060 | |
| | HSPF(Region IV) | Btu/h/W | 13.6(13.4) | |
| Heating at 17°F | Rated Capacity | Btu/h | 21400 | |
| | Rated Total input | W | 1950(2070) | |
| | Maximum Capacity | Btu/h | 21400 | |
| | Maximum Total Input | W | 1950(2070) | |
| Power supply | Voltage, Phase, Cycle | 208/230V, 1-phase, 60Hz | | |
| Voltage | Indoor - Outdoor S1-S2 | AC 208/230V | | |
| | Indoor - Outdoor S2-S3 | DC12-24V | | |
| | Indoor - Remote controller | DC12V | | |
| Indoor unit | MCA (*) | A | 4.13 | |
| | Fan Motor | F.L.A. | 3.3 | |
| | Fan Motor Output | W | 244 | |
| | Air flow (Lo-Mid-Hi) | DRY(CFM) | 613-744-875 | |
| | | WET(CFM) | - | |
| | External Static Pressure | in WG | 0.3 - 0.5 - 0.8 | |
| | Sound Pressure Level (Lo-Mid-Hi) | dB (A) | 32-37-41 | |
| | External Finish Color | | BLACK | |
| | Dimensions | W: in | 21 | |
| | | D: in | 21-5/8 | |
| | | H: in | 43-3/4 | |
| | Weight Unit | lbs | 119 | |
| | Field Drainpipe O.D. | in | O.D. 3/4 | |
| | Refrigerant pipe Gas | in | 5/8 | |
| Refrigerant pipe Liquid | in | 3/8 | | |

| | | | | |
|-------------------|----------------------------|-------------------------|--------------------------------|--|
| Outdoor unit | MCA (*) | A | 17 | |
| | MOCP (*) | A | 31 | |
| | Fan Motor | F.L.A. | 1 | |
| | Compressor | Model(Type) | DC INVERTER-driven Twin Rotary | |
| | | R.L.A. | 13 | |
| | | L.R.A. | 16 | |
| | Air flow (Cooling/Heating) | CFM | (2,020/1,930) | |
| | Refrigerant Control | | Linear Expansion Valve | |
| | Defrost Method | | Reverse Cycle | |
| | SPL (Cooling) | dB (A) | 55 | |
| | SPL (Heating) | dB (A) | 55 | |
| | External Finish Color | | Munsell No.3Y 7.8/1.1 | |
| | Dimension | W: in | 33-1/16 | |
| | | D: in | 13 | |
| H: in | | 34-5/8 | | |
| Weight | lbs | 129 | | |
| Remote Controller | Type | Wired Remote Controller | | |
| Refrigerant | Type | R410A | | |
| | Charge | lbs, oz | 4,14 | |
| | Oil | Type(Fl.oz.) | FV50S(15.6) | |
| Refrigerant Pipe | Gas side O.D. | in | 5/8 | |
| | Liquid side O.D. | in | 3/8 | |
| | Height Difference (Max) | ft | 100 | |
| | Length (Max.) | ft | 100 | |
| Connection Method | Indoor/Outdoor | Flared/Flared | | |
| Operation | Cooling | °F | 14 - 115 | |
| Guarantee | Heating | °F | 14 - 75 | |

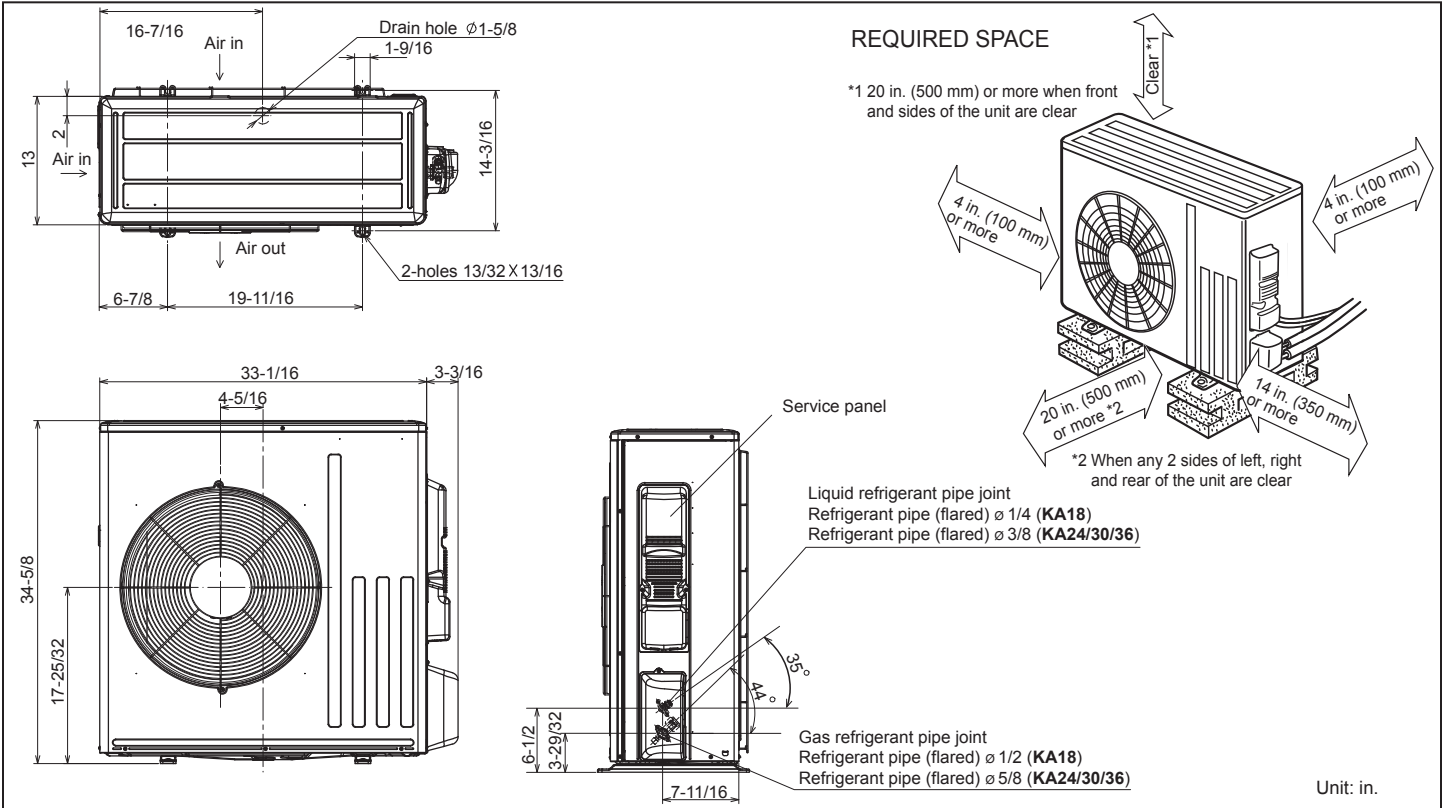
Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

*All electrical work shall comply with National (NEC) and local codes and regulations. Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

DIMENSIONS: SVZ-KP30NA & SUZ-KA30NAH2



Unit: in. (mm)



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