



SUBMITTAL - 36,000BTU CEILING CASSETTE - M28

Job Name:

Location:

Engineer:

Submitted By:

Submitted To:

WARRANTY

Standard 10 Years Parts & Compressor

Terms & Conditions Apply.

Liquid (in.)

Connection Type

Max. Length (ft)

Refrigerant Type

Pre-Charge (oz)

Drain Pipe O.D. (mm)

Oil Type

Pre-Charge Length (ft)

Max. Height Difference (ft)

Additional Charge per Foot (oz)

VG74

TYPE Air Source Heat Pump

| Cold Climate Air Source Heat Pump | \checkmark |
|-----------------------------------|--------------|
| MODELS | |

Indoor DUA36HICU230X5 Outdoor DMA36HOS28230E8

| \checkmark | |
|--------------|--|
| | |

| outdoor | | DIVINGOIN | 002020000 | | |
|------------------------|-------------------------------------|-----------|----------------|-------|--|
| CAPACITY | RANGE ¹ | | | | |
| Output (Bt | u/h) | Min. | Rated | Max. | |
| | Cooling | 9800 | 36000 | 39500 | |
| | Heating | 12000 | 40000 | 49000 | |
| HEATING P | HEATING PERFORMANCE ² | | | | |
| Output (Bt | u/h) | Min. | Rated | Max. | |
| 4 | 47°F (8.3°C) | 12000 | 40000 | 49000 | |
| 1 | 7°F (-8.3°C) | 8100 | 33000 | 40500 | |
| | 5°F (-15°C) | 6300 | 40000 | 41000 | |
| -2 | 2°F (-30°C) | 2700 | | 23000 | |
| OUTDOOR | OUTDOOR TEMPERATURE OPERATING RANGE | | | | |
| Cooling | -15~50 | °C | 5 ~ 122 | °F | |
| Heating ³ | -30~24 | °C | -22~75 | °F | |
| LINE SET & REFRIGERANT | | | | | |

Submitted For:

Reference

- Approval Construction
- Date:
- Unit Tag:

Drawing No.:





s for reference only

| | | Images for reference only. | | |
|------------------|----------------|----------------------------|--------------------|-------------|
| CERTIFIED | | | | |
| AHRI NO. | | | | \frown |
| 207742512 | | | D US TED | Energy STAR |
| EFFICIENCY | RATINGS | | | |
| SEER2 | | | | 19.4 |
| EER2 | | | | 9.5 |
| HSPF2 (4) | | | | 10.5 |
| HSPF2 (5) | | | | 8.5 |
| COP ² | 47°F | 17°F | 5°F | -22°F |
| | (8.3°C) | (-8.3°C) | (-15°C) | (-30°C) |
| | 3.05 | 2.4 | 1.85 | 1.41 |
| ELECTRICA | L | | | |
| Power Sup | ply | (V/Ph/Hz) | 208-230/1/60 | |
| Voltage Ra | nge | (V) | 187-253 | |
| MCA (A) | 40 | Max Fuse | e (ODU) (A) | 50 |
| Power Input (W) | | Min. | Rated | Max. |
| | Cooling | 1100 | 4000 | 4400 |
| | Heating | 2150 | 3850 | 4750 |
| Current (A) | | Min. | Rated | Max. |
| | Cooling | 5.5 | 17.6 | 19.5 |
| | Heating | 10 | 17.1 | 20.9 |

1. Cooling Capacity Conditions: Indoor Temperature @ 80°F (26.7°C) DB; 67°F (19.4°C) WB with Outdoor Temperature @ 95°F (35°C) DB; 75°F (23.9°C) WB. Heating Capacity Conditions: Indoor Temperature @ 70°F (21.1°C) DB; 60°F (15.6°C) WB with Outdoor Temperature @ 47°F (8.3°C) DB; 43°F (6.1°C) WB. Line Set @ 25ft (7.5m); Height Difference @ 0ft (0m). 2. COP for all temperatures is @ rated output except when rated output is not given. In that case, COP is @ max. output. 3. System continues to operate below rated outdoor temperature operating range, subject to varying conditions. System has no low temperature cutout. Capacity is not tested outside of the rated temperature range. | Master Group is not responsible for the accuracy and validity of any changes made to this document without the written authorization of Master Group. Specifications subject to change without notice.

5/8"

Flared 25

213.2 98.4

R410A

148.4

0.32

25

1460±15

Gas (in.)

Oil Volume (ml)

3/8"

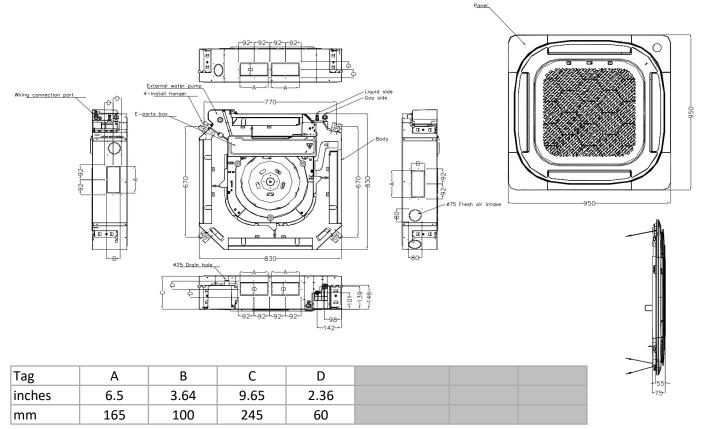




| DIMENSIONS & WEIGHTS | | | |
|---------------------------------------|---------------------------|------------------|----------|
| Indoor | Net (WxDxH; in.) | 32.68x32.68x9.6 | |
| | Gross (WxDxH; in.) | 35.83x35.83x11.4 | |
| | Net Weight Ibs kg 59.97 | | 27.2 |
| | Gross Weight lbs kg | 69 | 31.3 |
| Outdoor | Net (WxDxH; in.) | 37.48x16.34x52 | |
| | Gross (WxDxH; in.) | 43.11x19.49x58.2 | |
| | Net Weight lbs kg | 220.24 | 99.9 |
| | Gross Weight lbs kg | 248.02 | 112.5 |
| KEY FEAT | JRES | | |
| Rotary Inv | erter Compressor | | |
| Twin Rotary Inverter Compressor | | | |
| Base Pan Heater | | | √ |
| Crankcase Heater | | | |
| INCLUDED ACCESSORIES | | | |
| RG10A(D2S)/BGEFU1 - Remote Controller | | | |
| | | | |
| | | | |
| | | | |

| FAN | | | | |
|---------------------------------------|------------|-----------|------|------|
| Indoor | Turbo | High | Med. | Low |
| CFM | 1041 | 947 | 852 | 752 |
| dB(A) | | 52.5 | 50 | 46.5 |
| Indoor ESP | Range inW0 | G | | |
| Indoor Moi | sture Remo | val (l/h) | | 4.54 |
| Outdoor M | ax. CFM | | | 4500 |
| Outdoor M | ax. dB(A) | | | 63.5 |
| OPTIONAL ACCESSORIES ⁴ | | | | |
| CASSETTEGRILL2448A - Required | | | | |
| WF-60A1-F - Smart Port | | | | |
| KJR-120L(R1)/EFU1 - Wired Controller | | | | |
| KJR-120N(X6)/BGEF - Wired Controller | | | | |
| KJR-120N(X6W)/BGEF - Wired Controller | | | | |
| 24VINTERFACEKITUNIVERSAL | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

INDOOR UNIT DRAWING

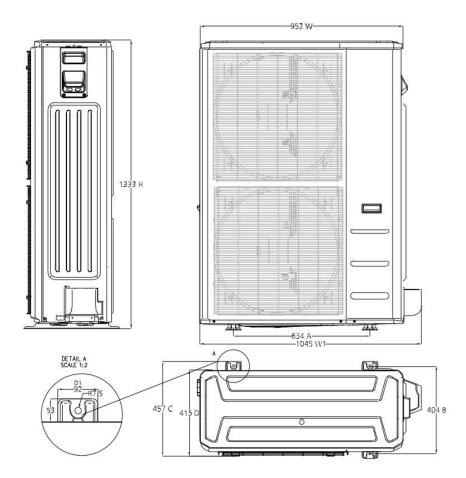


Drawing dimensions are nominal. Specifications subject to change without notice. 4. Connection of these accessories may require secondary items not listed; refer to full product literature.

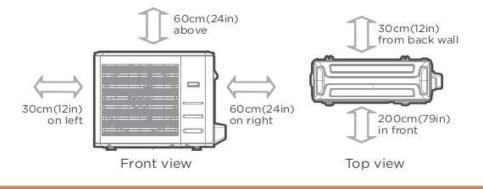




OUTDOOR UNIT DRAWING



OUTDOOR UNIT CLEARANCES



Note: Outdoor units must be elevated 12-24in. (30.5-61cm) above the surface below in heating applications to allow for snow clearance and defrost runoff. Follow local bestpractices and guidelines.

NOTES

Specifications subject to change without notice.

Diagrams for reference only.