

**SUBMITTAL DATA SHEET**



|  |                          |                                      |
|--|--------------------------|--------------------------------------|
| <b>CH-NY09MIA-115VI / CH-NY09MIA-115VO</b> | <b>9,000 BTU/H(115V)</b> | <b>Wall Mounted Heat Pump System</b> |
| Location: _____                            | Approval: _____          |                                      |
| Engineer: _____                            | Date: _____              |                                      |
| Submitted to: _____                        | Construction: _____      |                                      |
| Submitted by: _____                        | Unit #: _____            |                                      |
| Reference: _____                           | Drawing #: _____         |                                      |

|                                      |                    |
|--------------------------------------|--------------------|
| CH-NY09MIA-115VI<br>CH-NY09MIA-115VO |                    |
| <b>Set Model</b>                     |                    |
| Indoor unit model                    | CH-NY09MIA-115VI   |
| Outdoor unit model                   | MOX230-09HFN1-BS5W |
| <b>Certified</b>                     |                    |
| AHRI                                 |                    |
| UL                                   |                    |



| SYSTEM PERFORMANCE DATA    |             |                 |
|----------------------------|-------------|-----------------|
| <b>Power supply</b>        |             |                 |
| Normal Operational Voltage | (V, Ph, Hz) | 115V, 1Ph, 60Hz |
| Voltage Range              | (V)         | 103.5-126.5     |
| <b>Electrical</b>          |             |                 |
| Minimum circuit ampacity   | (A)         | 20              |
| Max. fuse                  | (A)         | 30              |
| Connection wiring          |             | 14* AWG         |
| <b>Cooling</b>             |             |                 |
| Rated Capacity             | (Btu/h)     | 9000            |
| Capacity Range             | (Btu/h)     | 2650-10300      |
| Power Input (Max)          | (W)         | 720             |
| Rated current              | (A)         | 6.26            |
| SEER                       | (Btu/W)     | 20.5            |
| EER                        | (Btu/W)     | 12.5            |

|                       |         |            |
|-----------------------|---------|------------|
| <b>Heating at 47F</b> |         |            |
| Rated Capacity        | (Btu/h) | 10000      |
| Capacity Range        | (Btu/h) | 2700-10500 |
| Power Input (Max)     | (W)     | 1000       |
| Rated current         | (A)     | 8.7        |
| HSPF4                 | (Btu/W) | 10.0       |
| HSPF5                 | (Btu/W) | 7.8        |
| COP                   | W/W     | 2.93       |

|                       |         |      |
|-----------------------|---------|------|
| <b>Heating at 17F</b> |         |      |
| Max Capacity          | (Btu/h) | 6500 |

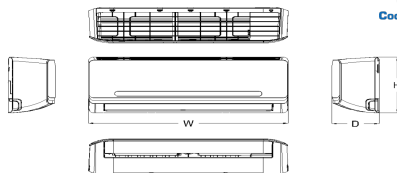
| REFRIGERANT PIPE DATA         |         |               |
|-------------------------------|---------|---------------|
| Design pressure               | (PSIG)  | 550/340       |
| Refrigerant Type              | (Oz)    | R410A/25.4    |
| Refrigerant precharge         | (ft)    | 25.0          |
|                               | (m)     | 7.6           |
| Additional charge for each ft | (oz/ft) | 0.16          |
|                               | (g/ft)  | 15            |
| Liquid side/ Gas side         | (inch)  | 1/4" / 3/8"   |
|                               | (mm)    | φ6.35 / φ9.52 |
| Max. pipe length              | (ft)    | 82.0          |
|                               | (m)     | 25.0          |
| Max. difference in level      | (ft)    | 32.8          |
|                               | (m)     | 10.0          |
| Connection method             |         | (Flared)      |

|                          |           |                 |
|--------------------------|-----------|-----------------|
| Indoor(cooling/ heating) | (Deg. °F) | 63~90 / 32~86   |
|                          | (Deg. °C) | 17~32 / 0~30    |
| Outdoor(cooling/heating) | (Deg. °F) | 5-122 / 5-75    |
|                          | (Deg. °C) | -15~50 / -15~24 |
| Application area         | (sq.ft)   | 129.17~193.75   |
|                          | (m2)      | 12~18           |

| INDOOR UNIT DATA                  |          |                      |
|-----------------------------------|----------|----------------------|
| <b>Indoor fan motor</b>           |          |                      |
| Type                              |          | Cross-Flow           |
| Model                             |          | ZKFP-20-8-113        |
| Qty                               |          | 1                    |
| Input                             | (W)      | 35.0                 |
| RLA                               | (A)      | 0.15                 |
| LRA                               | (A)      | --                   |
| Winding Resistance                | (Ω)      | --                   |
| Capacitor                         | (uF)     | --                   |
| Speed(Hi/Mi/Lo)                   | (r/min)  | 1050/850/600         |
| <b>Air flow &amp; Noise level</b> |          |                      |
| Indoor air flow (Hi/Med/Lo) (N)   | (CFM)    | 247.06/182.35/129.41 |
| Indoor noise level (Hi/Med/Lo)    | [dB(A)]  | 36.5/31.0/22.0       |
| <b>Dehumidification</b>           |          |                      |
|                                   | (Pint/H) | --                   |
| <b>Indoor unit</b>                |          |                      |
| Dimension (WxDxH)                 | (inch)   | 28.43x7.36x11.42     |
|                                   | (mm)     | 722x187x290          |
| Packing(WxDxH)                    | (inch)   | 31.10x10.63x14.76    |
|                                   | (mm)     | 790x270x375          |
| Net/Gross weight                  | (lbs.)   | 16.98/22.27          |
|                                   | (kg)     | 7.7/10.1             |

| OUTDOOR UNIT DATA                 |         |                   |
|-----------------------------------|---------|-------------------|
| <b>Compressor</b>                 |         |                   |
| Type                              |         | KSK103D33UEZ3     |
| Model                             |         | ROTARY            |
| Brand                             |         | GMCC              |
| Capacity                          | (Btu/h) | 6944 / 11107      |
| Input                             | (W)     | 325 / 826         |
| Rated current (RLA)               | (A)     | -                 |
| Refrigerant oil/oil charge        | (ml)    | -                 |
| Throttle                          |         | Capillary         |
| <b>Outdoor fan motor</b>          |         |                   |
| Model                             |         | ZKFN-34-10-1-3    |
| Qty                               |         | 1                 |
| Input                             | (W)     | --                |
| RLA                               | (A)     | --                |
| Speed                             | (r/min) | 800/600           |
| <b>Air flow &amp; Noise level</b> |         |                   |
| Outdoor air flow (Max.)           | (CFM)   | 1294.12           |
| Outdoor noise level               | [dB(A)] | 55.00             |
| <b>Outdoor unit</b>               |         |                   |
| Dimension (WxDxH)                 | (inch)  | 30.12x11.93x21.85 |
|                                   | (mm)    | 765x303x555       |
| Packing (WxDxH)                   | (inch)  | 34.92x13.27x24.02 |
|                                   | (mm)    | 887x337x610       |
| Net/ Gross weight                 | (lbs.)  | 57.76/63.49       |
|                                   | (kg)    | 26.2/28.8         |

**Indoor unit dimension**



| Capacity | Body Code | W(mm) | D(mm) | H(mm) |
|----------|-----------|-------|-------|-------|
| 7K~9K    | A         | 722   | 187   | 290   |
| 9K~12K   | B         | 802   | 189   | 297   |
| 12K~18K  | D         | 965   | 215   | 319   |
| 18K~24K  | E         | 1080  | 226   | 335   |
| 27K~36K  | F         | 1259  | 282   | 362   |
| 30K~36K  | G         | 1350  | 272   | 365   |

**Outdoor unit dimension**

