



Submittal Data Sheet

| | |
|----------------------|--|
| Project Name: | |
| Location: | |
| Engineer: | |
| Submitted to: | |
| Submitted by: | |
| Reference: | |

| | |
|----------------------|--|
| Approval: | |
| Date: | |
| Construction: | |
| Unit #: | |
| Drawing #: | |

| | |
|---------------|--------------|
| Indoor code | 220042400990 |
| Outdoor code | 220037803120 |
| Indoor model | MEHU-18FVC2 |
| Outdoor model | MCHU-18AVH2 |



PERFORMANCE DATA

| | | |
|----------------------------|---------|--------------|
| Power supply | Ph-V-Hz | 208-230~1-60 |
| Cooling | | |
| Capacity | Btu/h | 18000 |
| Input | W | 2050 |
| Rated current | A | 9.2 |
| EER | Btu/W | 8.8 |
| SEER | | 16.5 |
| Heating | | |
| Capacity | Btu/h | 18400 |
| Input | W | 1950 |
| Rated current | A | 8.74 |
| HSPF4 | | 8.8 |
| HSPF5 | | 7.2 |
| MINIMUM CIRCUIT CURRENT | A | 14 |
| MAX.FUSE | A | 20 |
| Moisture Removal | L/h | 1.8 |
| Starting current | A | --- |
| Rated current(RLA) | A | 9.7 |
| Locked rotor Amp(LRA) | A | --- |
| Thermal protector | | ---- |
| Thermal protector position | | EXTERNAL |
| Capacitor | uF | 35uF/440V |
| Refrigerant oil | ml | 500 |
| Connection wiring | | 14# |

| | | |
|-----------------|--|-----------------------------------|
| Thermostat type | | Remote Control or Wire controller |
|-----------------|--|-----------------------------------|

| | | |
|------------------------------|--------|-------------|
| Operation temperature | | |
| Indoor(cooling/ heating) | Deg. F | 62~90/32~86 |
| Outdoor(cooling/heating) | Deg. F | 5~122/5~76 |

INDOOR UNIT DATA

| | | |
|-------------------------|-------|-------------|
| Indoor fan motor | | |
| RLA | A | 1.5 |
| LRA | A | --- |
| Winding Resistance | Ω | --- |
| Capacitor | uF | --- |
| Speed(Hi/Mi/Lo) | r/min | 950/840/670 |
| Sound dBa (Hi/Mi/Lo) | | 51/46/40.5 |
| Static Pressure(MAX.) | Pa | --- |

| | | |
|------------------------|------|-------------------|
| Indoor unit | | |
| Dimension(W*D*H) body | inch | 22.44x22.44x10.24 |
| Packing (W*D*H) body | inch | 25.79x25.79x11.42 |
| Net/Gross weight body | lbs. | 39.68/46.3 |
| Dimension(W*D*H) panel | inch | 25.47x25.47x1.97 |
| Packing (W*D*H) panel | inch | 28.15x28.15x4.84 |
| Net/Gross weight panel | lbs. | 5.51/9.92 |

OUTDOOR UNIT DATA

| | | |
|--------------------------|-------|------|
| Outdoor fan motor | | |
| RLA | A | 0.31 |
| LRA | A | --- |
| Winding Resistance | Ω | --- |
| Capacitor | uF | --- |
| Speed | r/min | 750 |

| | | |
|---------------------|------|-------------------|
| Outdoor unit | | |
| Dimension(W*D*H) | inch | 33.27x12.6x27.56 |
| Packing (W*D*H) | inch | 37.99x15.55x29.72 |
| Net/Gross weight | lbs. | 104.72/112.44 |

SYSTEM DATA

| | | |
|----------------------------|------|-------------|
| Refrigerant type | oz | R410A/61.83 |
| Additional Refrigerant/ft. | oz | 0.32 |
| Design pressure | PSIG | 550/340 |

Refrigerant piping

| | | |
|------------------------------|----------|------------------------|
| Liquid side/ Gas side | mm(inch) | Φ9.52/Φ15.9(3/8"/5/8") |
| Max. refrigerant pipe length | ft | 98 |
| Max. difference in level | ft. | 66 |

