

## CH-HPR36M230VO

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

Outdoor unit model

CH-HPR36M230VO

Certified

UL



### OUTDOOR UNIT DATA

|                            |             |                |
|----------------------------|-------------|----------------|
| <b>Power supply</b>        |             |                |
| Normal Operational Voltage | (V, Ph, Hz) | 208/230, 1, 60 |
| Voltage Range              | (V)         | 187-253        |
| <b>Electrical</b>          |             |                |
| Minimum circuit ampacity   | (A)         | 40.0           |
| Max.fuse                   | (A)         | 60.0           |
| <b>Outdoor fan motor</b>   |             |                |
| Model                      |             | ZKFN-85-8-22-5 |
| Qty                        |             | 2              |
| Input                      | (W)         | 126.0          |
| RLA                        | (A)         | 1.0 + 1.0      |
| Speed                      | (r/min)     | 800/700/600    |

### REFRIGERANT PIPE DATA

|                                 |         |                               |
|---------------------------------|---------|-------------------------------|
| Design pressure                 | (PSIG)  | 550/340                       |
| Refrigerant Type                | (Oz)    | R410A/162                     |
| Refrigerant precharge           | (ft)    | 98                            |
|                                 | (m)     | 30.0                          |
| Additional charge for each ft.  | (oz/ft) | 0.161                         |
| Additional charge for each ft.  | (oz/ft) | 0.322                         |
| Liquid side/ Gas side           | (inch)  | 4 x 1/4"/3 x 3/8" + 1 x 1/2"  |
|                                 | (mm)    | x Ø6.35/3 x Ø9.52 + 1 x Ø12.7 |
| Max. length for all rooms       | (ft)    | 262                           |
| Max. length for one indoor unit | (ft)    | 115                           |
| Max. height difference between  | (ft)    | 49                            |
| Max. height difference between  | (ft)    | 33                            |

### OUTDOOR UNIT DATA

#### Compressor

|                            |                |
|----------------------------|----------------|
| Model                      | ATQ360D1UMU    |
| Type                       | ROTARY         |
| Brand                      | GMCC           |
| Capacity                   | (Btu/h)        |
| Input                      | (W)            |
| Rated current (RLA)        | (A)            |
| Refrigerant oil/oil charge | (ml)           |
| Throttle                   | VG74/1400      |
|                            | Capillary +EXV |

#### Air flow & Noise level

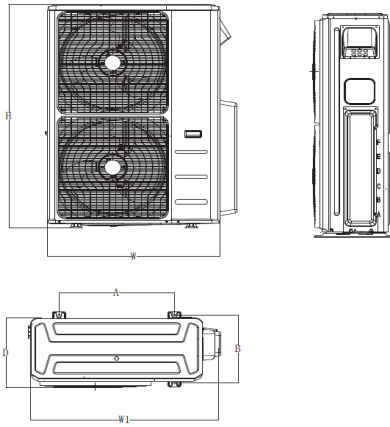
|                         |         |         |
|-------------------------|---------|---------|
| Outdoor air flow (Max.) | (CFM)   | 4500.00 |
| Outdoor noise level     | [dB(A)] | 63      |

#### Outdoor unit

|                   |        |                   |
|-------------------|--------|-------------------|
| Dimension (W×D×H) | (inch) | 37.48x16.34x52.48 |
|                   | (mm)   | 952x415x1333      |
| Packing (W×D×H)   | (inch) | 43.11x19.49x58.27 |
|                   | (mm)   | 1095x495x1480     |
| Net/ Gross weight | (lbs.) | 223.11/253.97     |
|                   | (kg)   | 101.2/115.2       |

|                          |           |                  |
|--------------------------|-----------|------------------|
| Outdoor(cooling/heating) | (Deg. "F) | -22~-122/ -22~86 |
|                          | (Deg. "C) | -30~-50/ -30~-30 |

### Outdoor unit dimension



| Unit | W    | D    | H    | W1   | A    | B    |
|------|------|------|------|------|------|------|
| mm   | 952  | 415  | 1333 | 1060 | 634  | 404  |
| inch | 37.5 | 16.3 | 52.5 | 41.7 | 25.0 | 15.9 |

### 24V INTERFACE KIT

