

|                              |   |                           |                               |
|------------------------------|---|---------------------------|-------------------------------|
| <b>Indoor Model</b>          |   | <b>MTI-55HWFNX-QRD0</b>   |                               |
| <b>Outdoor Model</b>         |   | <b>MOE30U-55HFN8-RRD0</b> |                               |
| <b>Indoor Code</b>           |   | 22023011003554            |                               |
| <b>Outdoor Code</b>          |   | 22022516001302            |                               |
| Average                      | Pdesignc  | kW                        | 15.3                          |
|                              | SEER  | W/W                       | 6.1                           |
|                              | Energy Efficiency Class                                   |                           | A++                           |
|                              | Seasonal space cooling energy efficiency ( $\eta_{s,c}$ ) | %                         | 241                           |
|                              | Pdesignh  | kW                        | 12.5                          |
|                              | SCOP  | W/W                       | 4.0                           |
|                              | Energy Efficiency Class                                   |                           | A+                            |
|                              | Seasonal space heating energy efficiency ( $\eta_{s,h}$ ) | %                         | 157                           |
|                              | Tbiv  | °C                        | -10                           |
|                              | Tol   | °C                        | -15                           |
| Warmer                       | Pdesignh  | kW                        | —                             |
|                              | SCOP  | W/W                       | —                             |
|                              | Energy Efficiency Class                                   |                           | —                             |
|                              | Tbiv  | °C                        | —                             |
| Power supply (Indoor )       | V,Hz,Ph   | 220-240V,50Hz,1Ph         |                               |
| Power supply (Outdoor )      | V,Hz,Ph   | 380-415V,50Hz,3Ph,        |                               |
| Cooling                      | Capacity  | Btu/h                     | 52000(20000~59000)            |
|                              | Capacity  | kW                        | 15.24(5.86~17.29)             |
|                              | Input   | W                         | 5423(1274~6651)               |
|                              | Current   | A                         | 8.93(2.0~11.6)                |
| Heating                      | Capacity  | Btu/h                     | 62000(16000~70000)            |
|                              | Capacity  | kW                        | 18.17(4.69~20.52)             |
|                              | Input   | W                         | 5329(1042~6034)               |
|                              | Current   | A                         | 8.8(1.6~10.5)                 |
| Indoor fan motor             | Model   |                           | ZKFN-560-8-1-1                |
|                              | Old Model   |                           | ZKFN-560-8-1-1                |
|                              | Qty   |                           | 1                             |
|                              | Input   | W                         | 560                           |
|                              | Capacitor   | uF                        | —                             |
|                              | Speed(Hi/Med/Lo)  | r/min                     | 1060/970/905                  |
| Indoor coil                  | Number of rows  |                           | 4.0                           |
|                              | Tube pitch(a)*row pitch(b)                                | mm                        | 21*13.37                      |
|                              | Fin spacing   | mm                        | 1.5                           |
|                              | Fin type  |                           | Hydrophilic aluminium(Golden) |
|                              | Tube outside dia.and type                                 | mm                        | Φ7,INNERGROOVE TUBE           |
|                              | Coil length * height * width                              | mm                        | 1030X378X53.48                |
|                              | Number of circuits  |                           | 8                             |
| Indoor air flow              | m3/h  | 2600/2210/1820            |                               |
| ESP                          | Rated   | Pa                        | 50                            |
|                              | Range   | Pa                        | 0-160                         |
| Indoor sound pressure level  | dB(A)   | 54/52/51                  |                               |
| Indoor sound power level     | dB(A)   | 71                        |                               |
| Indoor unit                  | Dimension (WxDxH)   | mm                        | 1200x874x300                  |
|                              | Packing(WxDxH)  | mm                        | 1405x915x355                  |
|                              | Net/Gross weight  | kg                        | 47.6/55.8                     |
| Design pressure              | MPa   | 4.3/1.7                   |                               |
| Drainage water pipe diameter | mm  | ODΦ25                     |                               |
| Refrigerant piping           | Liquid side/ Gas side                                     | mm                        | Φ9.52/Φ15.9(3/8"/5/8")        |
| Controller                   |   | Standard                  | Wire Control                  |

|                              |                                |                           |                               |
|------------------------------|--------------------------------|---------------------------|-------------------------------|
| <b>Model</b>                 |                                | <b>MOE30U-55HFN8-RRD0</b> |                               |
| <b>Code</b>                  |                                | 22022516001302            |                               |
| Power supply                 |                                | V,Hz,Ph                   | 380-415V,50Hz,3Ph,            |
| Max. input consumption       |                                | W                         | 7500                          |
| Max. current                 |                                | A                         | 14                            |
| Compressor                   | Model                          |                           | KTQ420D1UMU                   |
|                              | Type                           |                           | ROTARY                        |
|                              | Brand                          |                           | GMCC                          |
|                              | Capacity                       | W                         | 13675                         |
|                              | Input                          | W                         | 3660                          |
|                              | Rated current(RLA)             | A                         | 7                             |
|                              | Refrigerant oil/oil charge     | ml                        | 1400                          |
| Outdoor fan motor            | Model                          |                           | ZKFN-85-8-22-2                |
|                              | Old Model                      |                           | ZKFN-85-8-22-2                |
|                              | Qty                            |                           | 2                             |
|                              | Input                          | W                         | 126                           |
|                              | Capacitor                      | uF                        | /                             |
|                              | Speed                          | r/min                     | 850                           |
| Outdoor coil                 | a.Number of rows               |                           | 2.0                           |
|                              | b.Tube pitch(a)x row pitch(b)  | mm                        | 25.4x22                       |
|                              | c.Fin spacing                  | mm                        | 1.4                           |
|                              | d.Fin type (code)              |                           | Hydrophilic aluminium(Golden) |
|                              | e.Tube outside dia.and type    | mm                        | Φ9.52,innergroove tube        |
|                              | f.Coil length x height x width | mm                        | 990x1270x44                   |
|                              | g.Number of circuits           |                           | 8                             |
| Outdoor air flow             |                                |                           | 7500                          |
| Outdoor sound pressure level |                                | dB(A)                     | 66                            |
| Outdoor sound power level    |                                | dB(A)                     | 74                            |
| Throttle type                |                                |                           | EXV                           |
| Outdoor unit                 | Dimension(W*D*H)               | mm                        | 952x415x1333                  |
|                              | Packing (W*D*H)                | mm                        | 1095x495x1480                 |
|                              | Net/Gross weight               | Kg                        | 111.3/124.3                   |
| Refrigerant type             | Type                           |                           | R32                           |
|                              | GWP                            |                           | 675                           |
|                              | Charged volume                 | Kg                        | 2.95                          |
| Design pressure              |                                | MPa                       | 4.3/1.7                       |
| Refrigerant piping           | Liquid side/ Gas side          | mm(inch)                  | Φ9.52/Φ15.9(3/8"/5/8")        |
|                              | Max. refrigerant pipe length   | m                         | 65                            |
|                              | Max. difference in level       | m                         | 30                            |
| Ambient temperature          | Cooling                        | ℃                         | -15~50                        |
|                              | Heating                        | ℃                         | -20~24                        |