

| Updated Model                       |                                |                       | MSAG-09HFN8CD<br>MOX2-09HFN8CD     | MCAG-12HFN8CD<br>MOX2-12HFN8CD     |
|-------------------------------------|--------------------------------|-----------------------|------------------------------------|------------------------------------|
| Code                                |                                |                       | 22022010015119                     | 22022010015121                     |
| Factory model                       |                                |                       | EU-KFR26GW/BP3N8Y-AGBU(RD6)-GW(GA) | EU-KFR35GW/BP3N8Y-AGBU(RD6)-GW(GA) |
| Indoor code                         |                                |                       | 22022011015221                     | 22022011015522                     |
| Indoor unit factory model           |                                |                       | EU-KFR26G/BP3N8Y-AGBU(RD1)-GW(GA)  | EU-KFR35G/BP3N8Y-AGBU(RD1)-GW(GA)  |
| Outdoor code                        |                                |                       | 22022016016260                     | 22022016016261                     |
| Outdoor unit factory model          |                                |                       | EU-KFR26W/BP3N8-X230(RD6)-GW       | EU-KFR35W/BP3N8-X230(RD6)-GW       |
| Model                               |                                |                       | MSAGBU-09HRFN8-QRD6GW              | MSAGBU-12HRFN8-QRD6GW              |
| Indoor                              |                                |                       | MSAGBU-09HRFN8-QRD1GW(GA)          | MSAGBU-12HRFN8-QRD1GW(GA)          |
| Outdoor                             |                                |                       | MOX230-09HFN8-QRD6GW               | MOX230-12HFN8-QRD6GW               |
| Power supply                        |                                |                       | V-Ph-Hz                            | 220-240V,1Ph,50Hz                  |
| Cooling (Standard conditions)       | Capacity                       | Btu/h                 | 9000                               | 12000                              |
|                                     | Range                          |                       | 3500~11000                         | 4700~14700                         |
|                                     | Input                          | W                     | 628                                | 1005                               |
|                                     | Range                          |                       | 80~1100                            | 130~1650                           |
|                                     | Current                        | A                     | 2.73                               | 4.37                               |
|                                     | Range                          |                       | 0.35~4.78                          | 0.6~7.2                            |
| Heating (Standard conditions)       | EER                            | W/W                   | 4.20                               | 3.50                               |
|                                     | Capacity                       | Btu/h                 | 10000                              | 13000                              |
|                                     | Range                          |                       | 2800~11500                         | 3640~14950                         |
|                                     | Input                          | W                     | 651                                | 977                                |
|                                     | Range                          |                       | 70~990                             | 160~1560                           |
|                                     | Current                        | A                     | 2.83                               | 4.24                               |
| COP                                 | Range                          |                       | 0.32~4.32                          | 0.7~6.78                           |
|                                     | W/W                            |                       | 4.50                               | 3.90                               |
| Rated Power Input                   |                                |                       | W                                  | 2200                               |
| Rated Current                       |                                |                       | A                                  | 10.5                               |
| Starting current                    |                                |                       | A                                  | 0                                  |
| Compressor                          | Model                          |                       | KSN98D64UFZ3                       | KSN98D64UFZ3                       |
|                                     | Type                           |                       | ROTARY                             | ROTARY                             |
|                                     | Brand                          |                       | GMCC                               | GMCC                               |
|                                     | Capacity                       | W                     | 1930/3100 ±3%                      | 1930/3100 ±3%                      |
|                                     | Input                          | W                     | 292/765 ±3%                        | 292/765 ±3%                        |
|                                     | Rated current(RLA)             | A                     | 2.15/4.65 ±3%                      | 2.15/4.65 ±3%                      |
|                                     | Locked rotor Amp(LRA)          | A                     | /                                  | /                                  |
|                                     | Thermal protector              |                       | /                                  | /                                  |
|                                     | Thermal protector position     |                       | NA                                 | NA                                 |
| Capacitor                           | µF                             | /                     | /                                  |                                    |
| Refrigerant oil/oil charge          | ml                             | ESTER OIL VG74 300±10 | ESTER OIL VG74 300±10              |                                    |
| Indoor fan motor                    | Model                          |                       | ZKFP-13-8-4                        | ZKFP-13-8-4                        |
|                                     | Input                          | W                     | /                                  | /                                  |
|                                     | Capacitor                      | uF                    | 0                                  | 000                                |
|                                     | Speed(Hi/Mi/Lo)                | r/min                 | 1050/450                           | 1100/900/750                       |
| Indoor coil                         | a.Number of rows               |                       | 2                                  | 2                                  |
|                                     | b.Tube pitch(a)x row pitch(b)  | mm                    | 21x13.37                           | 21x13.37                           |
|                                     | c.Fin spacing                  | mm                    | 1.3                                | 1.3                                |
|                                     | d.Fin type (code)              |                       | Hydrophilic aluminum               | Hydrophilic aluminum               |
|                                     | e.Tube outside dia.and type    | mm                    | Φ7,Inner groove tube               | Φ7,Inner groove tube               |
|                                     | f.Coil length x height x width | mm                    | 605x210x26.74+605x105x26.74        | 605x210x26.74+605x105x26.74        |
|                                     | g.Number of circuits           |                       | 2                                  | 2                                  |
| Indoor air flow (Hi/Mi/Lo)          | m3/h                           | 510/360/300           | 520/370/310                        |                                    |
| Indoor noise level (Hi/Mi/Lo)       | dB(A)                          | 37.0/31.0/22.0        | 39/33/22                           |                                    |
| Indoor unit                         | Dimension(W*D*H)               | mm                    | 835x295x208                        | 835x208x295                        |
|                                     | Packing (W*D*H)                | mm                    | 905x355x290                        | 905x355x290                        |
|                                     | Net/Gross weight               | kg                    | 8.7/11.5                           | 8.7/11.3                           |
| Outdoor fan motor                   | Model                          |                       | ZKFN-34-10-1                       | ZKFN-34-10-1                       |
|                                     | Input                          | W                     | /                                  | /                                  |
|                                     | Capacitor                      | uF                    | 0                                  | 0                                  |
|                                     | Speed                          | r/min                 | 780/450                            | 800/450                            |
| Outdoor coil                        | a.Number of rows               |                       | 1                                  | 1                                  |
|                                     | b.Tube pitch(a)x row pitch(b)  | mm                    | 21x22                              | 21x22                              |
|                                     | c.Fin spacing                  | mm                    | 1.3                                | 1.3                                |
|                                     | d.Fin type (code)              |                       | Hydrophilic aluminum               | Hydrophilic aluminum               |
|                                     | e.Tube outside dia.and type    | mm                    | Φ7,Inner groove tube               | Φ7,Inner groove tube               |
|                                     | f.Coil length x height x width | mm                    | 745*504*22                         | 745*504*22                         |
|                                     | g.Number of circuits           |                       | 2                                  | 2                                  |
| Outdoor air flow                    | m3/h                           | 2150                  | 2200                               |                                    |
| Outdoor noise level                 | dB(A)                          | 54.0                  | 54.5                               |                                    |
| Outdoor unit                        | Dimension(W*D*H)               | mm                    | 765x303x555                        | 765x303x555                        |
|                                     | Packing (W*D*H)                | mm                    | 887x337x610                        | 887x337x610                        |
|                                     | Net/Gross weight               | kg                    | 26.4/28.8                          | 26.4/28.7                          |
| Refrigerant type                    | kg                             | R32/0.62              | R32/0.62                           |                                    |
| Design pressure                     | MPa                            | 4.3/1.7               | 4.3/1.7                            |                                    |
| Refrigerant piping                  | Liquid side/ Gas side          | mm(inch)              | 6.35mm(1/4in)/9.52mm(3/8in)        | 6.35mm(1/4in)/9.52mm(3/8in)        |
|                                     | Max. refrigerant pipe length   | m                     | 25                                 | 25                                 |
|                                     | Max. difference in level       | m                     | 10                                 | 10                                 |
| Connection wiring                   |                                | 1.5x5//               | 1.5x5//                            |                                    |
| Plug type                           |                                | //no-plug             | //no-plug                          |                                    |
| Thermostat type                     |                                | 遥控式(Remote Control)   | 遥控式(Remote Control)                |                                    |
| Operation temperature(根据遥控器可设置温度选择) | °C                             | 17~30                 | 17~30                              |                                    |
| Room temperature                    | Indoor(cooling/ heating)       | °C                    | 16~32/0~30                         | 16~32/0~30                         |
|                                     | Outdoor(cooling/heating)       | °C                    | -15~50/-20~24                      | -15~50/-20~24                      |
| Application area (Cooling Standard) | m²                             | 12~18                 | 16~23                              |                                    |
| Qty'per 20' /40' /40'HQ             |                                | 99/208/240            | 99/208/240                         |                                    |