

Specifications



Ceiling R32 NEW

- Vertical or horizontal installation.
- Air supply by means of one adjustable blade; Blade angle between 4° and 45°.
- Reduced noise thanks to the remotely controlled EEV valve.
- Long-life washable HD 40 permanent filter is included.

| Indoor Unit | | AC052RNC DKG/EU | AC071RNC DKG/EU |
|--------------------------------------|-----------------------------------|---|--|
| Outdoor Unit- Mono-Phase | | AC052RXADKG/EU | AC071RXADKG/EU |
| Outdoor Unit- Tri-Phase | | | |
| Capacity | | | |
| Cooling (Min/Nominal/Max) | kW | 1.20 / 5.00 / 6.50 | 1.50 / 7.10 / 8.70 |
| Heating up to +7°C (Min/Nominal/Max) | kW | 1.70 / 6.00 / 7.70 | 1.90 / 8.00 / 9.00 |
| Heating @ -5°C | kW | 5.9 | 7.8 |
| Heating @ -15°C | kW | 5.2 | 7.00 |
| Performance | | | |
| Energy Efficiency | SEER | W/W 6.1 / A++ | 5.6 / A+ |
| Cooling | Consumption | kWh/a 273 | 444 |
| | Pdesignc | kW 5.0 | 7.1 |
| | EER | W/W 3.05 | 2.42 |
| | SCOP | W/W 3.9 / A | 3.9 / A |
| Heating | Consumption | kWh/a 862 | 1256 |
| | Pdesignh (average) | kW 2.4 | 3.5 |
| | COP | W/W 3.37 | 2.74 |
| | AirFlow Rate | Indoor Unit (High/Mid/Low) | m ³ /min 12.6 / 11.3 / 10.0 |
| Sound Power | Indoor Unit | dB(A) 60 | 64 |
| | Outdoor Unit | dB(A) 62 | 65 |
| Sound Pressure | Indoor Unit (Silent/Low/Mid/High) | dB(A) 36 / 39 / 41 | 42 / 44 / 46 |
| | Outdoor Unit | dB(A) 48 / 48 | 49 / 51 |
| Fan/ Outdoor unit | Type | Sirroco | Sirroco |
| | Power | W 40 | 40 |
| | Number | EA 2 | 2 |
| External Static Pressure | Min / Std / Max | Pa | |
| Operating Temp. Range | Cooling | °C -15 ~ 50 | -15 ~ 50 |
| | Heating | °C -20 ~ 24 | -20 ~ 24 |
| Electrical Data | | | |
| Power Source | Indoor Unit | V / Hz / Φ / # 220-240/ 50/ 1/ 2 | 220-240/ 50/ 1/ 2 |
| | Outdoor Unit 1P | V / Hz / Φ / # 220-240/ 50/ 1/ 2 | 220-240/ 50/ 1/ 2 |
| | Outdoor Unit 3P | V / Hz / Φ / # | |
| Compressor Type | Outdoor Unit | Type Twin BLDC | Twin BLDC |
| | Power (Min/Nominal/Max) | Cooling kW 0.48 / 1.58 / 1.90 | 0.35 / 2.87 / 3.60 |
| Current Input | Heating | kW 0.43 / 1.92 / 3.05 | 0.35 / 3.05 / 3.95 |
| | Cooling (Min/Std/Max) | A 2.8 / 7.2 / 9.0 | 2.0 / 12.4 / 16.0 |
| | Heating (Min/Std/Max) | A 2.4 / 8.5 / 14.5 | 2.0 / 13.2 / 17.0 |
| | Cooling- Tri-Phase (Min/Std/Max) | A | |
| Heating- Tri-Phase (Min/Std/Max) | A | | |
| Dimensions | | | |
| Net Dimensions (W x H x D) | Indoor Unit | mm 1000 x 200 x 650 | 1000 x 200 x 650 |
| | Outdoor Unit | mm 880 x 638 x 310 | 880 x 798 x 310 |
| Net Weight | Indoor Unit | kg 20,0 | 20,0 |
| | Outdoor Unit | kg 43,0 | 51,0 |
| Refrigerant | | | |
| Refrigerant | Type | R32(Contains fluorinated greenhouse gases. GWP=675) | |
| Factory charging | kg | 1.2 / 10m | 1.7 / 15m |
| | Charging Ton equivalent CO2 | tCO2e 0.81 tCO2e | 1.15 tCO2e |
| | Additional refrigerant charging | g / m 15 | 25 |
| Piping Connections | Liquid Pipe | Φ.inch 1 / 4 | 1 / 4 |
| | Gas Pipe | Φ.inch 1 / 2 | 5 / 8 |
| Piping Length | Min/ Max | m 3 / 30 | 3 / 50 |
| Piping Height | Max | m 20 | 30 |
| Piping Connections | Drain pipe | Φ.mm ID 18 | ID 18 |

Ceiling (R410A)



| Indoor Unit | | AC052MNC DKH/EU | AC071MNC DKH/EU |
|--------------------------------------|-----------------------------------|---|--|
| Outdoor Unit- Mono-Phase | | AC052MXADKH/EU | AC071MXADKH/EU |
| Outdoor Unit- Tri-Phase | | | |
| Capacity | | | |
| Cooling (Min/Nominal/Max) | kW | 1.70 / 5.00 / 5.60 | 2.20 / 7.10 / 8.00 |
| Heating up to +7°C (Min/Nominal/Max) | kW | 1.70 / 6.00 / 7.70 | 1.90 / 8.00 / 9.00 |
| Heating @ -5°C | kW | 5.88 | 7.84 |
| Heating @ -15°C | kW | 5.22 | 6.96 |
| Performance | | | |
| Energy Efficiency | SEER | W/W 6.1 / A++ | 5.6 / A+ |
| Cooling | Consumption | kWh/a 287 | 444 |
| | Pdesignc | kW 5.0 | 7.1 |
| | EER | W/W 3.05 | 2.42 |
| | SCOP | W/W 3.9 / A | 3.9 / A |
| Heating | Consumption | kWh/a 862 | 1256 |
| | Pdesignh (average) | kW 2.4 | 3.5 |
| | COP | W/W 3.37 | 2.74 |
| | AirFlow Rate | Indoor Unit (High/Mid/Low) | m ³ /min 12.6 / 11.3 / 10.0 |
| Sound Power | Indoor Unit | dB(A) 60 | 64 |
| | Outdoor Unit | dB(A) 62 | 65 |
| Sound Pressure | Indoor Unit (Silent/Low/Mid/High) | dB(A) 36 / 39 / 41 | 42 / 44 / 46 |
| | Outdoor Unit | dB(A) 48 / 48 | 49 / 51 |
| Fan/ Outdoor unit | Type | Sirroco | Sirroco |
| | Power | W 40 | 40 |
| | Number | EA 2 | 2 |
| External Static Pressure | Min / Std / Max | Pa | |
| Operating Temp. Range | Cooling | °C -15 ~ 50 | -15 ~ 50 |
| | Heating | °C -20 ~ 24 | -20 ~ 24 |
| Electrical Data | | | |
| Power Source | Indoor Unit | V / Hz / Φ / # 220-240/ 50/ 1/ 2 | 220-240/ 50/ 1/ 2 |
| | Outdoor Unit 1P | V / Hz / Φ / # 220-240/ 50/ 1/ 2 | 220-240/ 50/ 1/ 2 |
| | Outdoor Unit 3P | V / Hz / Φ / # | |
| Compressor Type | Outdoor Unit | Type Twin BLDC | Twin BLDC |
| | Power (Min/Nominal/Max) | Cooling kW 0.48 / 1.64 / 1.90 | 0.35 / 2.93 / 3.95 |
| Current Input | Heating | kW 0.43 / 1.78 / 3.05 | 0.35 / 2.92 / 3.95 |
| | Cooling (Min/Std/Max) | A 2.8 / 7.4 / 9.0 | 2.0 / 12.8 / 17.0 |
| | Heating (Min/Std/Max) | A 2.4 / 7.9 / 14.5 | 2.0 / 12.8 / 17.0 |
| | Cooling- Tri-Phase (Min/Std/Max) | A | |
| Heating- Tri-Phase (Min/Std/Max) | A | | |
| Dimensions | | | |
| Net Dimensions (W x H x D) | Indoor Unit | mm 1000 x 200 x 650 | 1000 x 200 x 650 |
| | Outdoor Unit | mm 880 x 638 x 310 | 880 x 798 x 310 |
| Net Weight | Indoor Unit | kg 20,0 | 20,0 |
| | Outdoor Unit | kg 43,8 | 53,0 |
| Refrigerant | | | |
| Refrigerant | Type | R410A(Contains fluorinated greenhouse gases. GWP=2.088) | |
| Factory charging | kg | 1.30 / 5m | 1.50 / 5 |
| | Charging Ton equivalent CO2 | tCO2e 2.71 tCO2e | 3.13 tCO2e |
| | Additional refrigerant charging | g / m 10 | 20 |
| Piping Connections | Liquid Pipe | Φ.inch 1 / 4 | 1 / 4 |
| | Gas Pipe | Φ.inch 1 / 2 | 5 / 8 |
| Piping Length | Min/ Max | m 30 | 50 |
| Piping Height | Max | m 20 | 30 |
| Piping Connections | Drain pipe | Φ.mm ID 18 | ID 18 |