

Specifications

WindFree™ Deluxe

R32






- Three-step cooling: Fast Cooling mode
 - WindFree™ Cooling Mode
 - Wi-Fi Control with SmartThings and Bixby voice controls (optional)
- Equipped with NASA communication protocol
 - Equipped with Easy Filter Plus



| Indoor Unit Outdoor Unit - Mono-Phase Outdoor Unit - Tri-Phase | | | AC026TNXDKG/EU AC026RXADKG/EU | AC035TNXDKG/EU AC035RXADKG/EU | AC052TNXDKG/EU AC052RXADKG/EU | AC071TNXDKG/EU AC071RXADKG/EU |
|--|---------------------------------------|-------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Capacity | | | | | | |
| | Cooling (Min/Nominal/Max) | kW | 1.0 / 2.6 / 4.0 | 1.0 / 3.5 / 4.5 | 1.5 / 5.0 / 6.8 | 2.0 / 7.1 / 8.7 |
| | Heating up to +7 °C (Min/Nominal/Max) | kW | 0.8 / 3.3 / 4.0 | 0.8 / 4.0 / 4.8 | 1.0 / 6.0 / 6.5 | 1.6 / 8.0 / 9.0 |
| | Heating @ -5 °C | kW | - | - | - | - |
| | Heating @ -15 °C | kW | - | - | - | - |
| Performance | | | | | | |
| Energy Efficiency Cooling | SEER ¹ | W/W | 7.0/ <div>A++</div> | 6.9/ <div>A++</div> | 6.9/ <div>A++</div> | 6.8/ <div>A++</div> |
| | Consumption | kWh/a | 130 | 178 | 254 | 365 |
| | Pdesignc | kW | 2.6 | 3.5 | 5.0 | 7.1 |
| | EER | W/W | 4.06 | 3.50 | 3.57 | 3.09 |
| Energy Efficiency Heating | SCOP ¹ | W/W | 4.1/ <div>A+</div> | 4.1/ <div>A+</div> | 3.9/ <div>A</div> | 4.0/ <div>A+</div> |
| | Consumption | kWh/a | 717 | 717 | 862 | 1260 |
| | Pdesignh (average) | kW | 2.1 | 2.1 | 2.4 | 3.6 |
| | COP ¹ | W/W | 3.75 | 3.31 | 3.43 | 3.4 |
| Airflow Rate | Indoor Unit (High/Mid/Low) | m³/min | 10.3 / 8.4 / 7.0 | 12.2 / 9.8 / 7.9 | 16.7 / 13.9 / 11.8 | 17.8 / 15.2 / 13.2 |
| Sound Power | Indoor Unit | dB(A) | 56 | 59 | 60 | 61 |
| | Outdoor Unit | dB(A) | 59 | 61 | 62 | 65 |
| Sound Pressure | Indoor Unit (Silent/Low/Mid/High) | dB(A) | 36 / 30 / 24 / 21 | 40 / 34 / 28 / 23 | 42 / 37 / 32 / 25 | 44 / 39 / 35 / 30 |
| | Outdoor Unit | dB(A) | 46/47 | 48/48 | 48/48 | 49/51 |
| Fan/Outdoor Unit | Type | | Crossflow Fan | Crossflow Fan | Crossflow Fan | Crossflow Fan |
| | Power | W | 27 | 27 | 27 | 27 |
| | Number | EA | 1 | 1 | 1 | 1 |
| Operating Temperature Range | Cooling | °C | -15 ~ 46 | -15 ~ 46 | -15 ~ 50 | -15 ~ 50 |
| | Heating | °C | -20 ~ 24 | -20 ~ 24 | -20 ~ 24 | -20 ~ 24 |
| Electrical Data | | | | | | |
| Power Source | Indoor Unit | Φ, #, V, Hz | 1Φ, 2, 220-240 V, 50 Hz | 1Φ, 2, 220-240 V, 50 Hz | 1Φ, 2, 220-240 V, 50 Hz | 1Φ, 2, 220-240 V, 50 Hz |
| | Outdoor Unit 1P | Φ, #, V, Hz | 1Φ, 2, 220-240 V, 50 Hz | 1Φ, 2, 220-240 V, 50 Hz | 1Φ, 2, 220-240 V, 50 Hz | 1Φ, 2, 220-240 V, 50 Hz |
| | Outdoor Unit 3P | Φ, #, V, Hz | - | - | - | - |
| Compressor Type | Outdoor Unit | Type | Single BLDC | Single BLDC | Twin BLDC | Twin BLDC |
| Power (Min/Nominal/Max) | Cooling | kW | 0.18 / 0.64 / 1.20 | 0.19 / 1.00 / 1.40 | 0.24 / 1.40 / 2.20 | 0.39 / 2.30 / 3.40 |
| | Heating | kW | 0.15 / 0.88 / 1.35 | 0.15 / 1.21 / 1.40 | 0.20 / 1.75 / 2.05 | 0.33 / 2.35 / 3.30 |
| Current Input | Cooling (Min/Std/Max) | A | 1.4 / 3.1 / 5.5 | 1.4 / 4.6 / 6.0 | 1.5 / 6.3 / 9.6 | 2.5 / 10.0 / 14.7 |
| | Heating (Min/Std/Max) | A | 1.2 / 4.2 / 6.0 | 1.2 / 5.6 / 6.2 | 1.3 / 7.8 / 8.8 | 2.0 / 10.3 / 14.5 |



| Indoor Unit Outdoor Unit - Mono-Phase Outdoor Unit - Tri-Phase | | | AC026TNXDKG/EU AC026RXADKG/EU | AC035TNXDKG/EU AC035RXADKG/EU | AC052TNXDKG/EU AC052RXADKG/EU | AC071TNXDKG/EU AC071RXADKG/EU |
|--|---|--------------------|---|----------------------------------|----------------------------------|----------------------------------|
| Dimensions | | | | | | |
| Net Dimensions (W x H x D) | Indoor Unit | mm | 820 x 299 x 215 | 820 x 299 x 215 | 1,055 x 299 x 215 | 1,055 x 299 x 215 |
| | Outdoor Unit | mm | 790 x 548 x 285 | 790 x 548 x 285 | 880 x 638 x 310 | 880 x 798 x 310 |
| | Indoor Unit | kg | 9.1 | 9.1 | 11.5 | 12.2 |
| | Outdoor Unit | kg | 32.5 | 32.5 | 43.0 | 51.0 |
| Refrigerant | | | | | | |
| Refrigerant | Type | | R32(Contains fluorinated greenhouse gases. GWP=675) | | | |
| | Factory charging | kg | 0.9 / 20 m | 0.9 / 20 m | 1.2 / 10 m | 1.7 / 15 m |
| | Charging Ton equivalent CO ₂ | tCO ₂ e | 0.61 | 0.61 | 0.81 | 1.15 |
| | Additional refrigerant charging | g / m | - | - | 15 | 25 |
| Piping Connections | Liquid Pipe | Φ.inch | 1 / 4 | 1 / 4 | 1 / 4 | 1 / 4 |
| | Gas Pipe | Φ.inch | 3 / 8 | 3 / 8 | 1 / 2 | 5 / 8 |
| Piping Length | Min/ Max | m | 3 / 20 | 3 / 20 | 3 / 30 | 3 / 50 |
| Piping Height | Max | m | 15 | 15 | 20 | 30 |
| Piping Connections | Drain pipe | Φ.mm | ID 18 | ID 18 | ID 18 | ID 18 |

| Accessories | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| Wireless Remote Controller | Touch Controller | Wired Remote Controller | External Thermostat | Wi-Fi Kit |
| | | | MRW-TA | MIM-H04EN |

¹ Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.