

| Type | | | | Ceiling | | | |
|------------------------------|--------------|------------------------|-------------------|---|------------------------|-------|------------------------|
| | | | | Inverter heat pump | | | |
| Model name | | | | ABYG36KRTA | ABYG45KRTA | | |
| Power supply | | | | 230 V ~ 50 Hz | | | |
| Power supply intake | | | | Outdoor unit | | | |
| Available voltage range | | | | 198—264 V | | | |
| Capacity | Cooling | Rated | kW | 9.5 | 12.1 | | |
| | | | Btu/h | 32,400 | 41,300 | | |
| | | Min.—Max. | kW | 2.8—11.2 | 4.0—13.5 | | |
| | | | Btu/h | 9,600—38,200 | 13,600—46,000 | | |
| | Heating | Rated | kW | 10.8 | 13.5 | | |
| | | | Btu/h | 36,900 | 46,000 | | |
| | | Min.—Max. | kW | 2.7—12.7 | 4.2—16.2 | | |
| | | | Btu/h | 9,200—43,300 | 14,300—55,300 | | |
| Input power | Cooling | Rated | kW | 2.96 | 4.22 | | |
| | | | | Max. | 4.52 | 4.79 | |
| | Heating | Rated | 2.88 | 3.84 | | | |
| | | | Max. | 4.31 | 4.81 | | |
| Current | Cooling | Rated | A | 13.1 | 18.6 | | |
| | Heating | | | 12.7 | 16.9 | | |
| EER | Cooling | | | kW/kW | 3.21 | 2.87 | |
| COP | Heating | | | kW/kW | 3.75 | 3.52 | |
| Power factor | Cooling | | | % | 98.9 | 99.0 | |
| | Heating | | | % | 98.8 | 98.9 | |
| Moisture removal | | | L/h (pints/h) | 2.6 (4.6) | 4.5 (7.9) | | |
| Maximum operating current *1 | | Cooling | A | 22.6 | 28.5 | | |
| | | Heating | | 22.6 | 28.5 | | |
| Fan | Airflow rate | Cooling | m ³ /h | HIGH | 1,850 | 1,900 | |
| | | | | MED | 1,470 | 1,510 | |
| | | | | LOW | 1,300 | 1,380 | |
| | | | | QUIET | 1,050 | 1,130 | |
| | | Heating | HIGH | 1,800 | 1,850 | | |
| | | | MED | 1,470 | 1,510 | | |
| | | | LOW | 1,300 | 1,380 | | |
| | | | QUIET | 1,050 | 1,130 | | |
| | Type × Q'ty | | Sirocco × 4 | | | | |
| | Motor output | | W | | | | |
| | | 110 | | | | | |
| Sound pressure level *2 | | Cooling | dB (A) | HIGH | 44 | 45 | |
| | | | | MED | 40 | 41 | |
| | | | | LOW | 37 | 39 | |
| | | | | QUIET | 32 | 34 | |
| | | Heating | HIGH | 44 | 45 | | |
| | | | MED | 40 | 41 | | |
| | | | LOW | 37 | 39 | | |
| | | | QUIET | 32 | 34 | | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 294 × 1,335 × 39.9 | | |
| | | Fin pitch | | mm | 1.30 | | |
| | | Rows × Stages | | 3 × 14 | | | |
| | | Pipe type | | Copper | | | |
| | | Fin type | | Aluminum | | | |
| Enclosure | | Material | | Steel sheet | | | |
| | | Color | | White Approximate color of Munsell N9.25/ | | | |
| Dimensions (H × W × D) | | Net | | mm | 235 × 1,700 × 705 | | |
| | | Gross | | | 330 × 1,785 × 825 | | |
| Weight | | Net | | kg | 38 | | |
| | | Gross | | | 48 | | |
| Connection pipe | | Size | mm (in) | Liquid | Ø9.52 (Ø3/8) | | |
| | | | | Gas | Ø15.88 (Ø5/8) | | |
| Method | | Flare | | | | | |
| Material | | PVC | | | | | |
| Drain hose | | Tip diameter | | mm | Ø25 (I.D.), Ø32 (O.D.) | | |
| | | | | | | | |
| Operation range | | Cooling | %RH | °C | 18 to 32 | | |
| | | | | | Heating | °C | 80 or less 16 to 30 |
| Remote controller (Option) | | | | Wired remote controller, Wireless remote controller, Mobile app*3 (FGLair™) | | | |

NOTES:

- Specifications are based on the following conditions:
 - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
 - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
 - Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: Maximum current is maximum value when operated within the operation range.
- *2: Sound pressure level:
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- *3: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual.

| Specifications for ErP Lot10 | | | |
|------------------------------|-------------------|------------|-----------------|
| Model name | | ABYG36KRTA | |
| Energy efficiency class | Cooling | | A ⁺⁺ |
| | Heating (Average) | | A ⁺ |
| Pdesign | Cooling | kW | 9.5 (35°C) |
| | Heating (Average) | | 8.7 (-10°C) |
| SEER | Cooling | kWh/kWh | 6.37 |
| SCOP | Heating (Average) | | 4.21 |
| Annual energy consumption | QCE | kWh/a | 524 |
| | QHE (Average) | | 2,904 |
| Sound power level | Cooling | HIGH | dB (A) |
| | Heating | | |