

Specifications

Cebu **R32**

- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Direct drive fan powered by a BLDC motor.

- Triple Protector Plus to protect compressor, fan and controller from power surges.
- Compatible with wired remote controller. The centralized controller is only compatible with bigger capacity ODU².



| Indoor Unit | | | AR09TXFYAWKNEU | AR12TXFYAWKNEU | AR18TXFYAWKNEU | AR24TXFYAWKNEU |
|-----------------------------|---|---------------------|--|----------------------|----------------------|----------------------|
| Outdoor Unit | | | AR09TXFYAWKXEU | AR12TXFYAWKXEU | AR18TXFYAWKXEU | AR24TXFYAWKXEU |
| Capacity | | | | | | |
| Capacity | Cooling (Nominal) | kW | 2.5 | 3.5 | 5.0 | 6.5 |
| | Cooling (Min-Max) | kW | 0.9-3.4 | 0.9-4.0 | 1.6-6.7 | 1.4-7.6 |
| | Heating @ +7 °C | kW | 3.2 | 3.5 | 6.0 | 7.4 |
| | Heating (Min-Max) | kW | 0.9-4.5 | 0.9-5.0 | 1.3-8.0 | 1.2-9.4 |
| | Heating @ -5 °C | kW | 2.74 | 3.09 | 4.84 | 6.00 |
| | Heating @ -10 °C | kW | 2.48 | 2.87 | 4.57 | 5.55 |
| | Heating @ -15 °C | kW | 2.29 | 2.58 | 4.58 | 5.66 |
| Performance | | | | | | |
| Energy Efficiency Cooling | SEER ¹ | W/W | 6.7/ A++ | 6.5/ A++ | 6.8/ A++ | 6.4/ A++ |
| | Power Consumption | kWh/a | 131 | 188 | 257 | 355 |
| | Pdesignc | kW | 2.5 | 3.5 | 5.0 | 6.5 |
| | EER | W/W | 3.57 | 2.87 | 3.60 | 3.33 |
| Energy Efficiency Heating | SCOP ¹ | W/W | 4.0/ A+ | 4.0/ A+ | 3.8/ A | 4.0/ A |
| | Power Consumption | kWh/a | 735 | 770 | 1,400 | 1,511 |
| | Pdesignh (average) | kW | 2.1 | 2.2 | 3.8 | 4.1 |
| | COP ¹ | W/W | 3.81 | 3.72 | 3.53 | 3.15 |
| Moisture Removal | l/h | | 1.0 | 1.5 | 2.0 | 2.5 |
| Maximum Airflow (Cooling) | Indoor Unit | m ³ /min | 10.5 | 10.9 | 16.5 | 17.2 |
| | Outdoor Unit | m ³ /min | 28.0 | 28.0 | 50.0 | 50.0 |
| Sound Power | Indoor Unit (Cooling) | dB(A) | 54 | 56 | 58 | 62 |
| | Outdoor Unit (Cooling) | dB(A) | 63 | 64 | 65 | 68 |
| Sound Pressure | Indoor Unit High/Silent Mode | dB(A) | 37/19 | 38/19 | 41/25 | 45/26 |
| | Outdoor Unit High | dB(A) | 46 | 47 | 51 | 54 |
| Operating Temperature Range | Cooling | °C | -10-46 | -10-46 | -10-46 | -10-46 |
| | Heating | °C | -15-24 | -15-24 | -15-24 | -15-24 |
| Electrical Data | | | | | | |
| Power Source | | Φ, V, Hz | 1Φ, 220-240 V, 50 Hz | 1Φ, 220-240 V, 50 Hz | 1Φ, 220-240 V, 50 Hz | 1Φ, 220-240 V, 50 Hz |
| Compressor Type | Outdoor Unit | Type | BLDC Rotary | BLDC Rotary | BLDC Rotary | BLDC Rotary |
| Power Consumption | Cooling | W | 700 | 1,220 | 1,390 | 1,950 |
| | Heating | W | 840 | 940 | 1,700 | 2,350 |
| Operating Current | Cooling | A | 3.6 | 5.6 | 6.4 | 8.8 |
| | Heating | A | 4.0 | 4.5 | 7.8 | 10.5 |
| 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 | 660 x 475 x 242 | 660 x 475 x 242 | 880 x 638 x 310 | 880 x 638 x 310 |
| Net Weight | Indoor Unit | kg | 9.1 | 9.1 | 11.5 | 11.6 |
| | Outdoor Unit | kg | 22.6 | 22.6 | 39.7 | 43.2 |
| Refrigerant | | | | | | |
| Refrigerant | Type | | R32 (contains fluorinated greenhouse gases. GWP = 675) | | | |
| | Charging (for 5 m) | kg | 0.70 | 0.70 | 1.30 | 1.30 |
| | Charging Ton Equivalent CO ₂ | tCO ₂ e | 0.47 | 0.47 | 0.88 | 0.88 |
| | Additional Refrigerant Charging | g/m | 15 | 15 | 15 | 15 |
| Piping Connections | Liquid Pipe | ø, mm (inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas Pipe | ø, mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 12.70 (1/2) | 15.88 (5/8) |
| Piping Length | Min/Max (ODU to IDU) | m | 3/15 | 3/15 | 3/15 | 3/15 |
| Piping Height | Max | m | 8 | 8 | 8 | 8 |
| Piping Connections | Drain Pipe | ø, mm | ø16.3, 550 mm | ø16.3, 550 mm | ø16.3, 550 mm | ø16.3, 550 mm |

Edasimüüja

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