



SAMSUNG Luzon

R32
R32 refrigerant

A++ A+

SAMSUNG

Wi-Fi AI R32

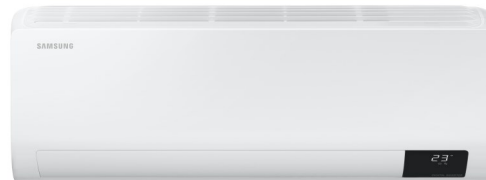


Luzon

AIRISE
AR4500

Nástěnná klimatizační jednotka

- Easy Filter Plus



| Typ | Jmenovitý výkon | | Jednotka | Rozměry š x v x h (mm) | Hmotnost (kg) | Připojovací potrubí | | Napájení (f/V/Hz) | Energetická účinnost | | MOC za set bez DPH (€) | MOC za set bez DPH (CZK) |
|----------------|------------------|------------------|----------|------------------------------|------------------|---------------------|----------------|----------------------|----------------------|----------|------------------------------|--------------------------------|
| | Chlazení (kW) | Vytápění (kW) | | | | Kapalina Ø (mm) | Plyn Ø (mm) | | SEER | SCOP | | |
| AR09TXHZAWKNEU | 2.5 | 3.2 | Vnitřní | 820x299x215 | 9.1 | 6.35 | 9.52 | 1f 220-240/50 | 6.7 (A++) | 4.0 (A+) | 768.50 € | 20,826 CZK |
| AR09TXHZAWKXEU | | | Venkovní | 660x475x242 | 22.6 | | | | | | | |
| AR12TXHZAWKNEU | 3.5 | 3.5 | Vnitřní | 820x299x215 | 9.1 | 6.35 | 9.52 | 1f 220-240/50 | 6.5 (A++) | 4.0 (A+) | 853.10 € | 23,119 CZK |
| AR12TXHZAWKXEU | | | Venkovní | 660x475x242 | 22.6 | | | | | | | |
| AR18TXHZAWKNEU | 5.0 | 6.0 | Vnitřní | 1,055x299x215 | 11.5 | 6.35 | 12.70 | 1f 220-240/50 | 6.8 (A++) | 3.8 (A) | 1,313.80 € | 35,604 CZK |
| AR18TXHZAWKXEU | | | Venkovní | 880x638x310 | 39.7 | | | | | | | |
| AR24TXHZAWKNEU | 6.5 | 7.4 | Vnitřní | 1,055x299x215 | 11.6 | 6.35 | 15.88 | 1f 220-240/50 | 6.4 (A++) | 3.8 (A) | 1,734.20 € | 46,997 CZK |
| AR24TXHZAWKXEU | | | Venkovní | 882x638x310 | 43.2 | | | | | | | |

| Příslušenství | | | | | |
|-------------------|-----------------------|---------------------------|------------------------------|---|---|
| Druh | Dodáváno s jednotkou | Volitelné | Volitelné | Volitelné | Volitelné |
| Model | Infrachervený ovladač | Kabelový ovladač CZ/SK | Kabelový dotykový ovladač | Adaptér pro napojení kabelového ovladače | Adaptér pro napojení na nadřazený systém |
| Typ | | MWR-WG00KN | MWR-SH11N | MIM-A00N | MIM-R10N |
| MOC bez DPH (€) | | 183.10 € | 140.70 € | 35.00 € | 253.50 € |
| MOC bez DPH (CZK) | | 4,962 CZK | 3,813 CZK | 949 CZK | 6,870 CZK |



Specifications

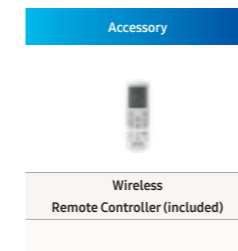
Luzon **R32**

- Compressor with Digital Inverter Boost technology.
- Equipped with NASA communication protocol.
- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fin and controller from power surges.



| Indoor Unit | | | AR09TXHZAWKNEU | AR12TXHZAWKNEU | AR18TXHZAWKNEU | AR24TXHZAWKNEU |
|-----------------------------|---|---------------------|--|----------------------|----------------------|----------------------|
| Outdoor Unit | | | AR09TXHZAWKXEU | AR12TXHZAWKXEU | AR18TXHZAWKXEU | AR24TXHZAWKXEU |
| 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 |
| | 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 | 3.51 | 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 | 1,710 | 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 | 3/30 | 3/30 |
| Piping Height | Max | m | 8 | 8 | 15 | 15 |
| Piping Connections | Drain Pipe | ø, mm | ø16.3, 550 mm | ø16.3, 550 mm | ø16.3, 550 mm | ø16.3, 550 mm |

| Indoor Unit | | | AR09TXHZAWKNEU | AR12TXHZAWKNEU | AR18TXHZAWKNEU | AR24TXHZAWKNEU |
|----------------------------|--|---------------------|----------------|----------------|----------------|----------------|
| Outdoor Unit | | | AR09TXHZAWKXEU | AR12TXHZAWKXEU | AR18TXHZAWKXEU | AR24TXHZAWKXEU |
| Functions | | | | | | |
| Airflow | Wind-Free™ Cooling | | | | | |
| | Air Direction Control (Up/Down) | | Auto | Auto | Auto | Auto |
| | Air Direction Control (Left/Right) | | Manual | Manual | Manual | Manual |
| | Auto Fan Speed | | • | • | • | • |
| Air Purification | Tri-Care Filter | | • | • | • | • |
| | Easy Filter Plus | | • | • | • | • |
| | Auto Clean (Self-Cleaning) | | • | • | • | • |
| Operating Mode | AI Auto Comfort with Wi-Fi & MDS (direct/indirect) | | | | | |
| | AI Auto Comfort with Wi-Fi | | | | | |
| | Auto Mode (without Wi-Fi) | | • | • | • | • |
| | Fast Cooling | | • | • | • | • |
| | Good Sleep | | • | • | • | • |
| | Eco | | • | • | • | • |
| | Dehumidification | | • | • | • | • |
| | Fan | | • | • | • | • |
| | Quiet | | • | • | • | • |
| | Other Functions | Samsung SmartThings | | | | |
| MDS (Motion Detect Sensor) | | | | | | |
| Indoor Temperature Display | | | • | • | • | • |
| Display On/Off | | 88 Display | • | • | • | • |
| Beep On/Off | | | • | • | • | • |
| Auto Changeover | | | • | • | • | • |
| Auto Restart | | | • | • | • | • |



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