

SAMSUNG

Wind-Free™ Elite



**Intelligent cooling.
No cold drafts.**

samsung.com/wind-free



Introducing the Samsung Wind-Free™ Elite

The Samsung Wind-Free™ range keeps you comfortably cool without any cold drafts. It provides intelligent home climate comfort thanks to smart controls that adapt to your personal preferences, automatically maintaining optimal conditions.



Wind-Free™ Cooling

Wind-Free™ technology enhances your indoor comfort by using thousands of micro-holes to disperse fresh air uniformly without any unpleasant blasts of cold wind. In Wind-Free™ mode, air is spread softly and silently, creating a 'Still Air' environment¹ that provides you total well-being day and night.



Smart Operation

AI Auto Comfort² introduces you to an intelligent way of living. It analyses your room conditions and usage patterns³, and then automatically adjusts the temperature. Temperatures can also be managed remotely using the SmartThings App⁴. Turning it on and off, selecting the cooling mode or scheduling its operation is just one touch away.



Energy Efficiency

Samsung's compressor with Digital Inverter Boost technology helps you to save on energy consumption by cooling quickly without wasting energy, while keeping vibrations and noise levels to a minimum. The Motion Detect Sensor (MDS) cools your home efficiently by self-regulating the air conditioner's activity when nobody is present.

¹ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.

²A Wi-Fi connection and Samsung SmartThings application account are required. ³Stores user data, preferences and usage patterns to suggest the most useful options.

⁴Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings application account are required.



Step 1

The front panel opens, and Fast Cooling mode cools the room quickly from corner to corner.



Step 2

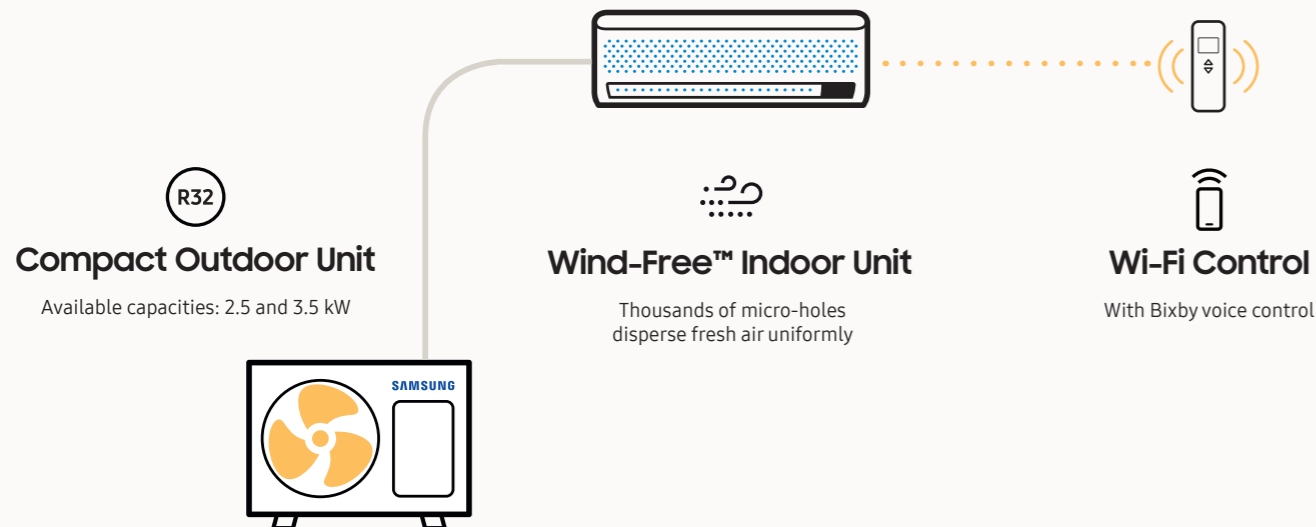
The set temperature is reached in Fast Cooling mode, and the front panel closes.



Step 3

Wind-Free™ mode spreads fresh air uniformly through thousands of micro-holes.

Unique Samsung Solution



Wi-Fi Control

Temperatures in your home can be managed remotely using the SmartThings App¹. Turning it on and off, selecting the cooling mode, scheduling its operation or monitoring the power consumption is just one touch away. The Bixby 2.0 Artificial Intelligence (AI) system² analyses and predicts your needs so it can suggest the best settings for inside your home.

¹Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required. ²Voice control is supported in English (US, UK, Indian), Chinese, Korean, French, German, Italian and Spanish. Portuguese is scheduled to be supported by the end of 2019.



AI Auto Comfort

AI Auto Comfort¹ introduces you to an intelligent way of living. To make life simpler and more efficient, it analyses room conditions and usage patterns². Based on your preference and the temperatures outside, it automatically adjusts the temperature to optimise the room's climate conditions, guaranteeing total comfort at all times.

¹AI = Artificial Intelligence. A Wi-Fi connection and Samsung SmartThings application account are required. ²Stores user data, preferences and usage patterns to suggest the most useful options.



Motion Detect Sensor

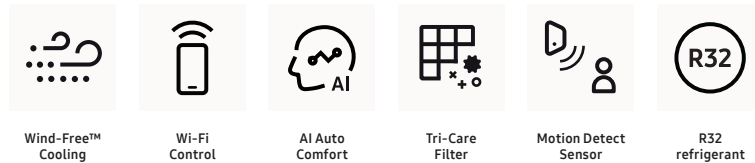
The Motion Detect Sensor (MDS) cools the home efficiently by self-regulating the air conditioner's activity when nobody is present. If no movement is detected after 20 minutes¹ it will automatically switch to the energy-saving Wind-Free™ mode but will return to normal once activity resumes. It also enables customised airflow direction by allowing the desired comfort level to be selected.

¹The Motion Detect Sensor (MDS) will start detecting the absence of movement after a minimum of 5 minutes and up to a maximum of 60 minutes.



Specifications

Wind-Free™ Elite



| Indoor Unit | | | AR09TXCAAWKNEU | AR12TXCAAWKNEU |
|-----------------------------|---|---------------------|--|----------------------|
| Outdoor Unit | | | AR09TXCAAWKXEU | AR12TXCAAWKXEU |
| Capacity | | | | |
| Capacity | Cooling (Nominal) | kW | 2.5 | 3.5 |
| | Cooling (Min-Max) | kW | 0.9-3.6 | 0.9-4.8 |
| | Heating @ +7 °C | kW | 3.2 | 4.0 |
| | Heating (Min-Max) | kW | 0.8-7.1 | 0.8-7.3 |
| | Heating @ -5 °C | kW | 4.15 | 4.83 |
| | Heating @ -10 °C | kW | 3.98 | 4.62 |
| | Heating @ -15 °C | kW | 3.92 | 4.52 |
| Performance | | | | |
| Energy Efficiency Cooling | SEER ¹ | W/W | 8.8/ A+++ | 8.5/ A+++ |
| | Power Consumption | kWh/a | 99 | 144 |
| | Pdesignc | kW | 2.5 | 3.5 |
| | EER | W/W | 4.63 | 3.95 |
| Energy Efficiency Heating | SCOP ¹ | W/W | 5.1/ A+++ | 5.1/ A+++ |
| | Power Consumption | kWh/a | 631 | 659 |
| | Pdesignh (average) | kW | 2.3 | 2.4 |
| | COP ¹ | W/W | 4.74 | 4.26 |
| Moisture Removal | | l/h | 1.0 | 1.5 |
| Maximum Airflow (Cooling) | Indoor Unit | m ³ /min | 11.1 | 12.1 |
| | Outdoor Unit | m ³ /min | 45.0 | 45.0 |
| Sound Power | Indoor Unit (Cooling) | dB(A) | 56 | 58 |
| | Outdoor Unit (Cooling) | dB(A) | 59 | 62 |
| Sound Pressure | Indoor Unit High/Silent Mode | dB(A) | 39/16 | 40/16 |
| | Outdoor Unit High | dB(A) | 45 | 46 |
| Operating Temperature Range | Cooling | °C | -10-46 | -10-46 |
| | Heating | °C | -15-24 | -15-24 |
| Electrical Data | | | | |
| Power Source | | Φ, V, Hz | 1Φ, 220-240 V, 50 Hz | 1Φ, 220-240 V, 50 Hz |
| Compressor Type | Outdoor Unit | Type | BLDC Rotary | BLDC Rotary |
| Power Consumption | Cooling | W | 540 | 885 |
| | Heating | W | 675 | 940 |
| Operating Current | Cooling | A | 2.9 | 4.1 |
| | Heating | A | 3.4 | 4.4 |
| Dimensions | | | | |
| Net Dimensions (W x H x D) | Indoor Unit | mm | 889 x 299 x 215 | 889 x 299 x 215 |
| | Outdoor Unit | mm | 790 x 548 x 285 | 790 x 548 x 285 |
| Net Weight | Indoor Unit | kg | 10.6 | 10.6 |
| | Outdoor Unit | kg | 32.5 | 32.5 |
| Refrigerant | | | | |
| Refrigerant | Type | | R32 (contains fluorinated greenhouse gases. GWP = 675) | |
| | Charging (for 5 m) | kg | 0.97 | 0.97 |
| | Charging Ton Equivalent CO ₂ | tCO ₂ e | 0.65 | 0.65 |
| | Additional Refrigerant Charging | g/m | 15 | 15 |
| Piping Connections | Liquid Pipe | ø, mm (inch) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas Pipe | ø, mm (inch) | 9.52 (3/8) | 9.52 (3/8) |
| Piping Length | Min/Max (ODU to IDU) | m | 3/15 | 3/15 |
| Piping Height | Max | m | 8 | 8 |
| Piping Connections | Drain Pipe | ø, mm | ø16.3, 550 mm | ø16.3, 550 mm |



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