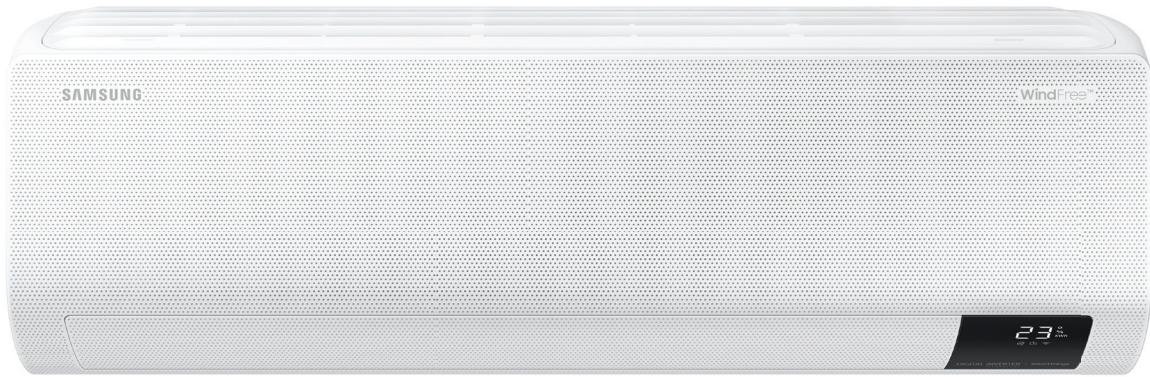


# SAMSUNG

# WindFree™

## Heatpump



Introducing the WindFree Heatpump by Samsung, a revolutionary cooling solution designed for ultimate comfort and efficiency. With innovative features such as WindFree Cooling technology, AI Auto and Tri-Care Filter with Zeolite Coating, Samsung Heatpumps offer whisper-quiet operation, precise temperature control, and advanced air purification. Enjoy faster cooling, quieter operation, and optimised energy savings with the power of our Digital Inverter Technology.

**10**  
Year Warranty  
on Digital Inverter  
Compressor  
with a 5 year parts and labour warranty. See full terms online.



### WindFree™ Cooling Technology

WindFree™ Cooling allows the heatpump to cool a wider and larger area more evenly. Once your desired temperature is achieved, the air conditioning vent seamlessly closes, maintaining the perfect climate through its intricate network of thousands of micro-holes.



### Fast heating & Cooling

Our heatpumps distribute warm or cool air reaching the desired temperature 39% faster when heating<sup>2</sup> and 43% faster when cooling in comparison to conventional models<sup>3</sup>.



### AI Auto

AI Auto switches to the most appropriate mode to help reach the desired temperature. Our heatpumps will adapt to the environment, changing between heating and cooling, while utilising WindFree, Normal and Fast modes.



### SmartThings

Control the temperature of your home anytime and anywhere. SmartThings<sup>1</sup> allows you to set a 'routine' for automated actions based on active location and timing.

1. Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required. Some Wi-Fi model may not be able to use Energy Monitor function. 2. Test conditions: 27°C/60% humidity, 1000W load, 30mins run time, 12,000 BTU model. Compared to Samsung 12,000 BTU models without BLOC motor. 3. Test conditions: 27°C/60% humidity, 1000W load, 30mins run time, 12,000 BTU model. Compared to Samsung 12,000 BTU models without BLOC motor and Wind Free function.

# Specifications

Model Code	AR09BXCENWKNSA	AR12BXCENWKNSA	AR18BXCENWKNSA	AR24BXCENWKNSA	
Room size guide	Small: Up to 28m <sup>2</sup>	Medium: 25 - 38m <sup>2</sup>	Large: 35 - 55m <sup>2</sup>	Very large: 48 - 72m <sup>2</sup>	
Capacity	Cooling capacity	2.5kW	3.5kW	5.0kW	6.8kW
	Heating capacity	3.2kW	4.0kW	6.0kW	7.2kW
	Capacity (cooling, min - max)	0.96 ~ 3.35kW	0.99 ~ 4.0kW	1.6 ~ 6.7kW	1.4 ~ 7.6kW
	Capacity (heating, min - max)	0.72 ~ 5.0kW	0.74 ~ 5.5kW	1.3 ~ 8.0kW	1.2 ~ 9.4kW
Air purification	Tri-Care filter	Yes	Yes	Yes	Yes
	Easy Filter Plus (anti-bacteria)	Yes	Yes	Yes	Yes
	Freeze Wash	Yes	Yes	Yes	Yes
	Auto Clean (self cleaning)	Yes	Yes	Yes	Yes
Convenience	Built-in Wi-Fi (SmartThings)	Yes	Yes	Yes	Yes
	AI Auto Cooling	Yes	Yes	Yes	Yes
	Fast Cool	Yes	Yes	Yes	Yes
	Good Sleep	Yes	Yes	Yes	Yes
	Dehumidification	Yes	Yes	Yes	Yes
Refrigerant	Type	R32	R32	R32	R32
	Weight (kg)	0.95	0.95	1.15	1.15
Installation	Max. length (outdoor to indoor)	15	15	30	30
	Chargeless length (outdoor to indoor)	15	15	15	15
	Max. height (between ID/OD)	8	8	15	15
Energy efficiency	EER (cooling)	4.39W/W	3.80W/W	3.60W/W	3.30W/W
	COP (heating)	4.32W/W	3.81W/W	3.53W/W	3.27W/W
	Star rating (cooling - hot/average/cold)	4.5 / 4.5 / 4.5	4.0 / 4.0 / 4.5	3.5 / 3.5 / 3.5	3.0 / 3.0 / 3.0
	Star rating (heating - hot/average/cold)	3.5 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.0 / 2.0 / 1.5	3.0 / 2.0 / 1.5
Electrical data	Power source(Φ/V/Hz)	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power	Current Input (Cooling - Min/Std/Max)	1.2 / 3.4 / 3.8A	1.3 / 4.5 / 5.0A	2.0 / 6.4 / 10.0A	2.0 / 9.7 / 11.5A
	Current Input (Heating - Min/Std/Max)	1.0 / 3.7 / 6.1A	1.0 / 5.1 / 6.8A	1.7 / 7.8 / 11.5A	1.7 / 9.8 / 14.5A
Indoor unit	Shipping dimension (WxHxD)	950 x 290 x 375mm	950 x 290 x 375mm	1115 x 290 x 375mm	1115 x 290 x 375mm
	Net dimension (WxHxD)	889 x 299 x 215mm	889 x 299 x 215mm	1055 x 299 x 215mm	1055 x 299 x 215mm
	Shipping weight	11.6kg	11.6kg	13.2kg	13.2kg
	Net weight (kg)	10.1kg	10.1kg	11.5kg	11.6kg
	Noise level (high/low)	38 / 17dBA	40 / 17dBA	41 / 25dBA	45 / 26dBA
Outdoor unit	Shipping dimension (WxHxD)	913 x 622 x 371mm	913 x 622 x 371mm	1023 x 724 x 413mm	1023 x 724 x 413mm
	Net dimension (WxHxD)	790 x 548 x 285mm	790 x 548 x 285mm	880 x 638 x 310mm	880 x 638 x 310mm
	Shipping weight	31.9kg	31.9kg	43.1kg	46.2kg
	Net weight (kg)	29.8kg	29.8kg	39.5kg	43.2kg
	Noise level (high/low)	45dBA	46dBA	51dBA	54dBA
Technical information	Piping length (max)	15m	15m	30m	30m
	Piping height (max)	8m	8m	15m	15m
	Connection size (liquid)	6.35	6.35	6.35	6.35
	Connection size (gas)	9.52	9.52	12.7	15.88
Operating range	Low ambient (cooling)	-10 ~ 46°C	-10 ~ 46°C	-10 ~ 46°C	-10 ~ 46°C
	Low ambient (heating)	-15 ~ 24°C	-15 ~ 24°C	-15 ~ 24°C	-15 ~ 24°C

1. Specification may be subject to change without prior notice. 2. Performance is based on the following test conditions: Cooling: Indoor temperature 27°C DB, 19°C WB, Outdoor temperature 35°C DB, 24°C WB. Heating: Indoor temperature 20°C DB, 15°C WB, Outdoor temperature 7°C DB, 6°C WB. Equivalent refrigerant pipe length 5m, Level differences 0m. 3. Select wire size based on maximum current amps and in accordance with local electrical regulation standards. 4. Sound pressure level is obtained in an anechoic room. The sound pressure level is a relative value, depending on the distance and acoustic environment. Sound pressure levels may differ depending on operation conditions.

This information should be used as a guide only. There are many variables that will affect the requirements of your air conditioning, such as orientation, usage, dimensions, construction materials, insulation, equipment, heat loads, etc. For cooling, if your room is a warm room with a lot of sun exposure during summer, then it is recommended that you use the smaller room size as your guide.