

**Samsung Premium Comfort 25 & 35**  
AR09NXWSQWKN & AR12NXWSQWKN

**SAMSUNG**



**Residential**



# Samsung Premium Comfort 25 & 35 AR09NXWSQWKN & AR12NXWSQWKN

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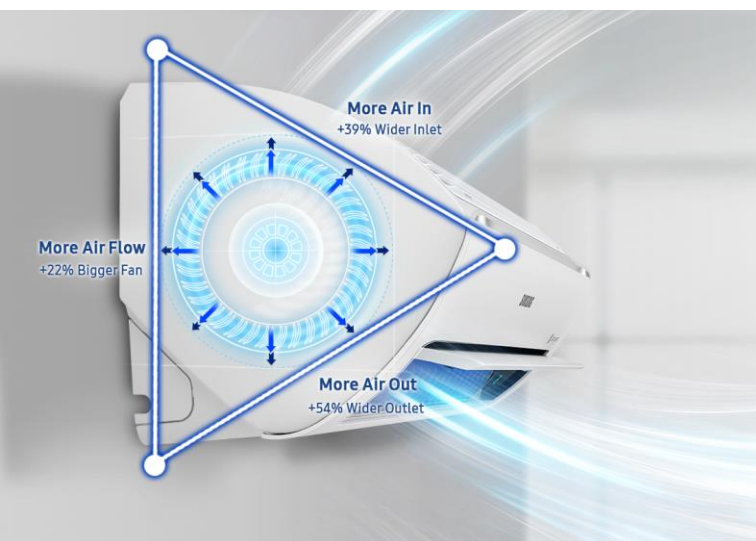
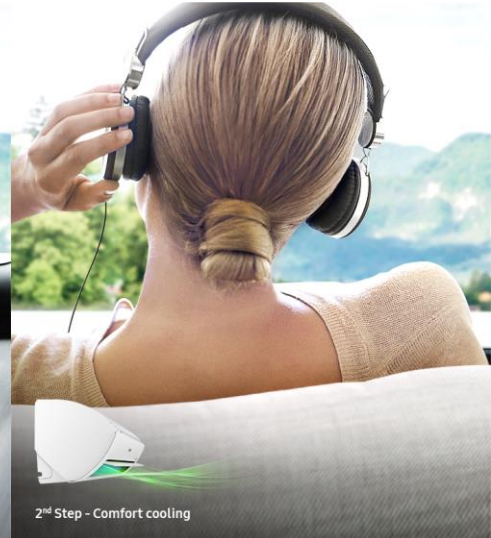


## Wi-Fi

Samsung air conditioners offer Wi-Fi control using the Samsung SmartThings app on your smartphone. Which lets you remotely turn it on and off, control the functions and schedule its operation at anytime and anywhere. You can check the electricity consumed daily, weekly or monthly.

## Fast & Comfort Cooling

The fast cool mode begins by cooling the air fast. It then changes to Comfort Cool mode to maintain the desired temperature and refreshingly air can reach every corner of your room.



## Triangle Design Powerful Heating

This heat pump has been designed from the ground up to be efficient. Its unique design has a wider inlet, so more air can be drawn in. The improved width and angle of its outlet, extra v-blades and a bigger fan ensure comforting warm air to every corner of your room. The outlet angle is different compared to conventional models, enabling a long airflow of 14 meters.

# Samsung Premium Comfort 25 & 35

## AR09NXWSQWKN & AR12NXWSQWKN

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		AR09NXWSQWKNEE	AR12NXWSQWKNEE
Capacity	Capacity (Cooling, kW)	2.50 kW	3.50 kW
	Capacity (Heating, kW)	3.20 kW	4.00 kW
	Capacity (Cooling, Min - Max, kW)	0.9 ~ 3.4 kW	0.9 ~ 4.2 kW
	Capacity (Heating, Min - Max, kW)	0.8 ~ 7.0 kW	0.8 ~ 7.2 kW
Energy Efficiency	SEER(W/W, Energy Label)	8.5	7.7
	EER (Cooling, W/W)	4.55 W/W	3.85 W/W
	COP (Heating, W/W)	4.51 W/W	4.04 W/W
	Energy Efficiency Class for cooling (Grade)	A+++	A++
NoiseLevel	Energy Efficiency Class for heating in 'Average' heating season (Grade)	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	4.6	4.6
	Energy Efficiency Class for heating in 'Colder' heating season (W/W)	3.8	3.8
	Sound Power Level(Indoor, Cooling, dBA)	56 dBA	58 dBA
Electrical Data	Sound Power Level(Outdoor, Cooling, dBA)	59 dBA	62 dBA
	Noise Level (Indoor, High/Low, dBA)	38/17 dBA	40/17 dBA
	Noise Level (Outdoor, High/Low, dBA)	44 dBA	45 dBA
	Power Source(ø/V/Hz)	1 / 220-240 / 50	1 / 220-240 / 50
Physicalspecification	Power Consumption(Cooling, W)	550 W	910 W
	Power Consumption(Heating, W)	710 W	990 W
	Operating Current(Cooling, A)	2.8 A	4.2 A
	Operating Current(Heating, A)	3.5 A	4.6 A
	Gross Dimension (Indoor, WxHxD, mm**mm**mm)	956*317*335 mm	956*317*335 mm
	Gross Dimension (Outdoor, WxHxD, mm**mm**mm)	926*640*384 mm	926*640*384 mm
	Net Dimension (Indoor, WxHxD, mm**mm**mm)	896*261*261 mm	896*261*261 mm
	Net Dimension (Outdoor, WxHxD, mm**mm**mm)	790*548*285 mm	790*548*285 mm
	Gross Weight (Indoor, kg)	12.8 kg	12.8 kg
	Gross Weight (Outdoor, kg)	36.0 kg	36.0 kg
	Net Weight (Indoor, kg)	10.8 kg	10.8 kg
	Net Weight (Outdoor, kg)	33.6 kg	33.6 kg
TechnicalInformation	Loading Quantity (20/40/40Hft without Pipe)	85/177/200	85/177/200
	Piping Length (Max, m)	15 m	15 m
	Piping Height (Max, m)	8 m	8 m
	SVC Valve (Liquid (ODxL))	6.35	6.35
	SVC Valve (Gas (ODxL))	9.52	9.52
	Moisture Removal (l/hr)	1.0 l/hr	1.5 l/hr
	Air Circulation (Cooling, m <sup>3</sup> /min)	9.8 m <sup>3</sup> /min	10.5 m <sup>3</sup> /min
	Refrigerant (Type)	R32(Contains fluorinated greenhouse gases, GWP=675)	R32(Contains fluorinated greenhouse gases, GWP=675)
	Refrigerant (Charging, kg)	0.92 kg	0.92 kg
	Refrigerant (Charging, tCO2e)	0.62 tCO2e	0.62 tCO2e
	Low Ambient (Cooling, °C)	-15~46 °C	-15~46 °C
	Low Ambient (Heating, °C)	-25~24 °C	-25~24 °C
AirFlow	Outdoor Unit (Compressor Type)	Rotary	Rotary
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes
	Air Direction Control (Up/Down)	Auto	Auto
	Air Direction Control (Left/Right)	Manual	Manual
Air Purification	Air Flow Control Step (Cool/Fan)	5/4	5/4
	Allergy Care	Yes	Yes
Convenience	Anti-Bacteria	Yes	Yes
	Auto Clean (Self Cleaning)	Yes	Yes
	Easy Filter Plus	Yes	Yes
	Smart wifi	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes
	Indoor Temp. Display	Yes	Yes
	Display On/Off	Yes	Yes
	Beep On/Off	Yes	Yes
	Real-Time Timer	Yes	Yes
	Auto Changeover	Yes	Yes
	Auto Restart	Yes	Yes
	Operating Mode	2 Step Cooling	Yes
Fast Cool		Yes	Yes
Comfort Cool		Yes	Yes
Good Sleep		Yes	Yes
Single User Mode		Yes	Yes
Dehumidification		Yes	Yes
Fan Mode		Yes	Yes
Quiet		Yes	Yes

