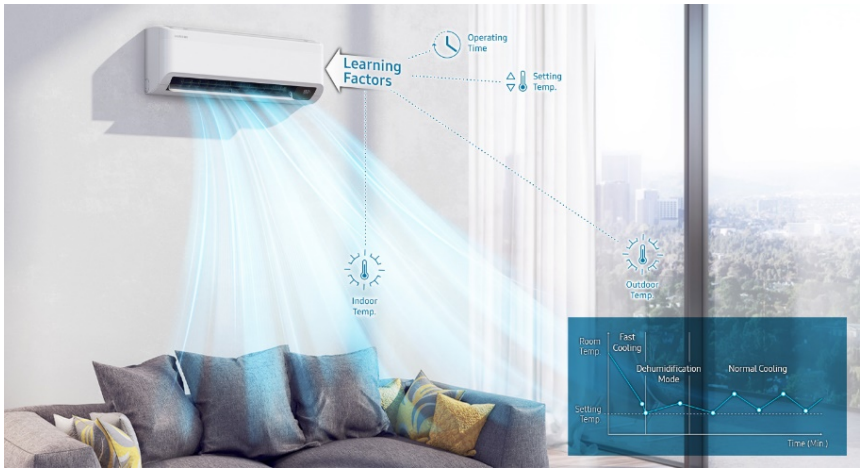
Samsung Cebu 25 & 35

AR09TXFYAWKNEU & AR12TXFYAWKNEU

Residential

Samsung Cebu 25 & 35

AR09TXFYAWKNEU & AR12TXFYAWKNEU



AI Auto Cooling

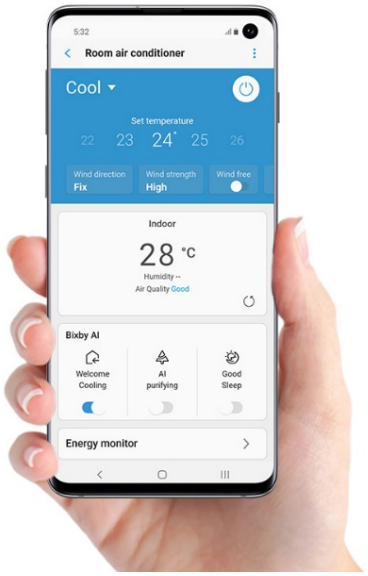
Experience an intelligent way of living with AI Auto Cooling*. It automatically optimizes the various modes by analyzing the room conditions and usage patterns**. Based on your preferred temperature, it automatically switches to the most appropriate mode to maintain the optimal conditions.

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

SmartThings

Control the temperature in your home anytime and anywhere. Using the SmartThings App* you can remotely control and monitor the air conditioner with just a touch. Or simply tell artificial intelligence (AI) system* what you want** and it does it. It even suggests the best settings.

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



Fast & Comfort Cooling

Cool rooms quickly from corner to corner, so you're always comfortable. Digital Inverter Boost technology cools the air 43% faster*. Its advanced design also has a 15% larger fan, 18% wider inlet and a 31% wider blade. So cool air is dispersed farther and reaching up to 15 meters.

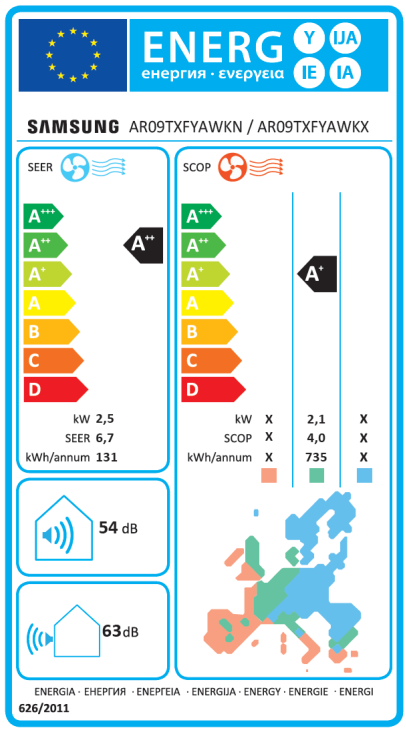
* Tested on the AR12TXCAAWKEU model compared with the Samsung conventional model AQ12EASER.

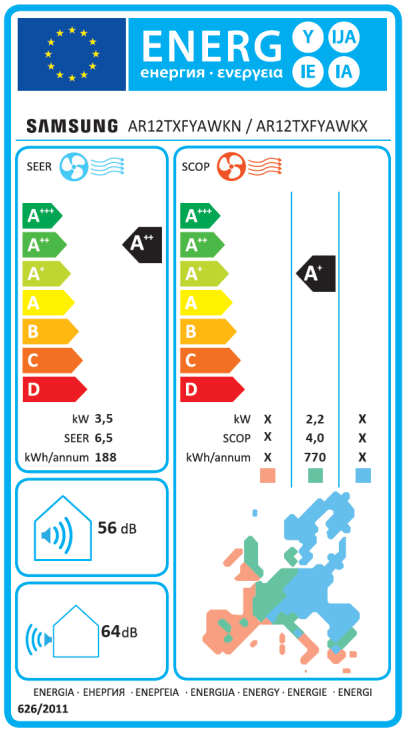
Samsung Cebu 25 & 35

AR09TXFYAWKNEU & AR12TXFYAWKNEU

SAMSUNG

	Model Code	AR09TXFYAWKNEU	AR12TXFYAWKNEU
Capacity	Capacity (Cooling, kW)	2.50 kW	3.50 kW
	Capacity (Heating, kW)	3.20 kW	3.50 kW
	Capacity (Cooling, Min - Max, kW)	0.9 ~ 3.35 kW	0.9 ~ 4.0 kW
	Capacity (Heating, Min - Max, kW)	0.9 ~ 4.5 kW	0.9 ~ 5.0 kW
Energy Efficiency	SEER(W/W, Energy Label)	6.70	6.50
	EER (Cooling, W/W)	3.57 W/W	2.87 W/W
	COP (Heating, W/W)	3.81 W/W	3.72 W/W
	Energy Efficiency Class for cooling (Grade)	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (Grade)	A+	A+
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	4.00	4.00
Noise Level	Sound Power Level(Indoor, Cooling, dBA)	54 dBA	56 dBA
	Sound Power Level(Outdoor, Cooling, dBA)	63 dBA	64 dBA
	Noise Level (Indoor, High/Low, dBA)	37 / 19 dBA	38 / 19 dBA
	Noise Level (Outdoor, High/Low, dBA)	46 dBA	47 dBA
Electrical Data	Power Source(Φ/V/Hz)	1 / 220-240 / 50	1 / 220-240 / 50
	Power Consumption(Cooling, W)	700 W	1220 W
	Power Consumption(Heating, W)	840 W	940 W
	Operating Current(Cooling, A)	3.6 A	5.6 A
	Operating Current(Heating, A)	4.0 A	4.5 A
Physical specification	Gross Dimension (Indoor, WxHxD)	880*290*375 mm	880*290*375 mm
	Gross Dimension (Outdoor, WxHxD)	778*550*331 mm	778*550*331 mm
	Net Dimension (Indoor, WxHxD)	820*299*215 mm	820*299*215 mm
	Net Dimension (Outdoor, WxHxD)	660*475*242 mm	660*475*242 mm
	Gross Weight (Indoor, kg)	11.1 kg	11.1 kg
	Gross Weight (Outdoor, kg)	24.3 kg	24.3 kg
	Net Weight (Indoor, kg)	9.1 kg	9.1 kg
	Net Weight (Outdoor, kg)	22.6 kg	22.6 kg
	Loading Quantity (20/40/40Hft without Pipe)	120 / 248 / 280	120 / 248 / 280
Technical Information	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, ㎥/min)	10.5 ㎥/min	10.9 ㎥/min
	Refrigerant (Type)	R32(Contains fluorinated greenhouse gases, GWP=675)	
	Refrigerant (Charging, kg)	0.70 kg	0.70 kg
	Refrigerant (Charging, tCO2e)	0.47 tCO2e	0.47 tCO2e
	Low Ambient (Cooling, ℃)	-10~46 ℃	-10~46 ℃
	Low Ambient (Heating, ℃)	-15~24 ℃	-15~24 ℃
	Outdoor Unit (Compressor Type)	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes
Air Flow	Air Direction Control (Up/Down)	Auto	Auto
	Air Direction Control (Left/Right)	Manual	Manual
Air Purification	Easy Filter Plus (Anti-Bacteria)	Yes	Yes
	Auto Clean (Self Cleaning)	Yes	Yes
Convenience	SmartThings	Yes	Yes
	Filter Cleaning Indicatior	Yes	Yes
	Indoor Temp. Display	Yes	Yes
	Display On/Off	Yes	Yes
	Beep On/Off	Yes	Yes
	24-Hour Timer	Yes	Yes
	Auto Changeover	Yes	Yes
	Auto Restart	Yes	Yes
Operating Mode	Auto Mode	Yes	Yes
	Fast Cool	Yes	Yes
	Good Sleep	Yes	Yes
	Eco Mode	Yes	Yes
	Dehumidification	Yes	Yes





COOLSTOP