

# Specifications

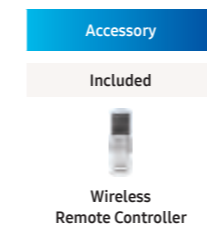


## Triangle R32

- Easy Filter Plus
- Triangle Design
- Wi-Fi Control - Samsung SmartThings

Indoor Unit			AR09RXWSAURNEU	AR12RXWSAURNEU
Outdoor Unit			AR09RXWSAURXEU	AR12RXWSAURXEU
<b>Capacity</b>				
Capacity	Cooling (Nominal)	kW	2.75	3.5
	Cooling (Min - Max)	kW	0.9~3.35	0.9~4.0
	Heating up to +7°C	kW	3.2	3.5
	Heating (Min - Max)	kW	1.3~4.5	1.3~5.0
	Heating @ -5°C	kW	3.73	4.08
	Heating @ -10°C	kW	2.52	2.52
	Heating @ -15°C	kW	2.20	2.20
<b>Performance</b>				
Energy Efficiency Cooling	SEER	W/W	6.4 /A++	6.10 / A++
	Consumption	kWh/a	150	201
	Pdesignc	kW	2.8	3.5
	EER	W/W	3.35	2.87
Energy Efficiency Heating	SCOP	W/W	3.8 / A	3.8 / A
	Consumption	kWh/a	774	811
	Pdesignh (average)	kW	2.1	2.2
	COP	W/W	3.81	3.72
Moisture Removal		L/hr	1.0	1.5
Maximum AirFlow (Cooling)	Indoor Unit	m <sup>3</sup> /min	9.3	10.8
	Outdoor Unit	m <sup>3</sup> /min		
Sound Power	Indoor Unit (Cooling)	dB(A)	54	59
	Outdoor Unit (Cooling)	dB(A)	63	65
Sound Pressure	Indoor Unit Low/High	dB(A)	19/ 37	19/ 40
	Outdoor Unit High	dB(A)	46	48
Operating Temp. Range	Cooling	°C	-10~46	-10~46
	Heating	°C	-15~24	-15~24
<b>Electrical Data</b>				
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	820	1220
	Heating	W	840	940
Operating Current	Cooling	A	4.0	5.6
	Heating	A	4.0	4.3
<b>Dimensions</b>				
Net Dimensions (W x H x D)	Indoor Unit	mm	826x261x261	826x261x261
	Outdoor Unit	mm	660x475x242	660x475x242
Net Weight	Indoor Unit	kg	9.5	9.5
	Outdoor Unit	kg	22.8	22.8
<b>Refrigerant</b>				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Charging (for 5m)	kg	0.7	0.7
	Charging Ton equivalent CO2	tCO2e	0.47 tCO2e	0.47 tCO2e
	Additional refrigerant charging	g / m	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15
Piping Height	Max	m	8	8
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16

Indoor Unit			AR09RXWSAURNEU	AR12RXWSAURNEU
Outdoor Unit			AR09RXWSAURXEU	AR12RXWSAURXEU
<b>Functions</b>				
Air Flow	Wind-Free™ Cooling		-	-
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Manual	Manual
	Auto Fan speed		•	•
Air Purification	Ionizer (SPI)		-	-
	PM 2.5 Filter		-	-
	Easy Filter Plus		•	•
	Allergy Care		•	•
	Anti-Bacteria		•	•
Operating Mode	Auto Clean (Self Cleaning)		•	•
	2 Step Cooling		•	•
	Fast Cool		•	•
	Comfort Cool		•	•
	Good Sleep		•	•
	Dehumidification		•	•
	Fan Mode		•	•
Other Functions	Quiet		•	•
	WiFi Control - Samsung SmartThings		•	•
	Filter Cleaning Indicator		•	•
	Indoor Temp. Display		•	•
	Display On/Off		•	•
	Beep On/Off		•	•
	Auto Changeover		•	•
Auto Restart		•	•	



Wireless Remote Controller

