

Specifications



Wind-Free™ Ultra R32

- Wind-Free™ Cooling
- PM2.5 Filter
- Ionizer (SPI)
- Wi-Fi Control - Samsung SmartThings

Indoor Unit			AR09NXCXAWKNEU	AR12NXCXAWKNEU
Outdoor Unit			AR09NXCXAWKXEU	AR12NXCXAWKXEU
Capacity				
Capacity	Cooling (Nominal)	kW	2.5	3.5
	Cooling (Min - Max)	kW	0.75~3.3	0.75~4.0
	Heating up to +7°C	kW	3.2	4.0
	Heating (Min - Max)	kW	0.62~4.90	0.62~5.50
	Heating @ -5°C	kW	2.85	3.42
	Heating @ -10°C	kW	2.6	3.13
	Heating @ -15°C	kW	2.38	2.86
Performance				
Energy Efficiency Cooling	SEER	W/W	7.2 / A++	6.8 / A++
	Consumption	kWh/a	122	180
	Pdesignc	kW	2.5	3.5
	EER	W/W	4.31	3.68
Energy Efficiency Heating	SCOP	W/W	4.6 / A++	4.6 / A++
	Consumption	kWh/a	700	730
	Pdesignh (average)	kW	2.3	2.4
	COP	W/W	4.1	3.74
Moisture Removal		L/hr	1.0	1.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	9.5	10.2
	Outdoor Unit	m ³ /min	2700	2700
Sound Power	Indoor Unit (Cooling)	dB(A)	55	57
	Outdoor Unit (Cooling)	dB(A)	59	62
Sound Pressure	Indoor Unit Low/High	dB(A)	16 / 38	16 / 40
	Outdoor Unit High	dB(A)	45	46
Operating Temp. Range	Cooling	°C	-10~46	-10~46
	Heating	°C	-15~24	-15~24
Electrical Data				
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	580	950
	Heating	W	780	1070
Operating Current	Cooling	A	3.2	4.5
	Heating	A	3.9	5.1
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	828x295x265	828x295x265
	Outdoor Unit	mm	790x548x285	790x548x285
Net Weight	Indoor Unit	kg	11.3	11.3
	Outdoor Unit	kg	31.1	31.1
Refrigerant				
Refrigerant	Type	R32(Contains fluorinated greenhouse gases. GWP=675)		
	Charging (for 5m)	kg	0.85	0.85
	Charging Ton equivalent CO2	tCO2e	0.58 tCO2e	0.58 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			AR09NXCXAWKNEU	AR12NXCXAWKNEU
Outdoor Unit			AR09NXCXAWKXEU	AR12NXCXAWKXEU
Functions				
Air Flow	Wind-Free™ Cooling		•	•
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto
	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		•	•	

Accessory

Included



Wireless Remote Controller

