

Specifications

Boracay

- 3-Care Filter

Indoor Unit			AR09NXFHBWKNEU	AR12NXFHBWKNEU	AR18RXFHBWKNEU	AR24RXFHBWKNEU
Outdoor Unit			AR09NXFHBWKXEU	AR12NXFHBWKXEU	AR18RXFHBWKXEU	AR24RXFHBWKXEU
Capacity						
Capacity	Cooling (Nominal)	kW	2.5	3.5	5,0	6.5
	Cooling (Min - Max)	kW	0.9~3.30	0.90~4.00	1.6~6.6	1.4~7.6
	Heating up to +7°C	kW	3.2	3.5	6,0	7.4
	Heating (Min - Max)	kW	1.10~4.9	1.10~5.50	1.2~8.0	1.2~9.2
	Heating @ -5°C	kW	2.79	3.04	TBD	
	Heating @ -10°C	kW	2.55	2.78		
	Heating @ -15°C	kW	2.33	2.54		
Performance						
Energy Efficiency Cooling	SEER	W/W	7.1 / A++	6.5 / A++	6.80 / A++	6.40 / A++
	Consumption	kWh/a	123	188	257	355
	Pdesignc	kW	2.5	3.5	5,0	6.5
	EER	W/W	4.17	3.5	3.6	3.33
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.8 / A	3.8 / A
	Consumption	kWh/a	770	770	1400	1511
	Pdesignh (average)	kW	2.2	2.2	3.8	4.1
	COP	W/W	3.76	3.72	3.44	3.15
Moisture Removal		l/hr	1,0	1.5	2,0	2.5
Maximum AirFlow (Cooling)	Indoor Unit	m³/min	9.2	11.3	16.1	18.3
	Outdoor Unit	m³/min	2400	2400		
Sound Power	Indoor Unit (Cooling)	dBA	56	59	58	63
	Outdoor Unit (Cooling)	dBA	59	62	65	69
Sound Pressure	Indoor Unit Low/High	dBA	21 / 38	21 / 42	25 / 42	29 / 45
	Outdoor Unit High	dBA	45	47	51	54
Operating Temp. Range	Cooling	°C	-10~46	-10~46	-10~46	-10~46
	Heating	°C	-15~24	-15~24	-15~24	-15~24
Electrical Data						
Power Source		V / Hz / Φ	220 ~ 240/ 50/ 1	220 ~ 240/ 50/ 1	220 ~ 240/ 50/ 1	220 ~ 240/ 50/ 1
Compressor Type	Outdoor Unit	Type	8-POLE	8-POLE	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	600	1000	1390	1950
	Heating	W	850	940	1745	2350
Operating Current	Cooling	A	3.1	4.6	6.4	8.8
	Heating	A	4,0	4.4	7.9	10.5
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	820*285*227	820*285*227	1065*298*243	1065*298*243
	Outdoor Unit	mm	720*548*265	720*548*265	880*638*310	880*638*310
Net Weight	Indoor Unit	kg	8.5	8.5	11.6	11.6
	Outdoor Unit	kg	27.6	27.6	40.2	44.2
Refrigerant						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)			
	Charging (for 5m)	kg	0.75	0.75	1.15	1.15
	Charging Ton equivalent CO2	tCO2e	0.51 tCO2e	0.51 tCO2e	0.78 tCO2e	0.78 tCO2e
	Additional refrigerant charging	g / m	15	15	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8	1/2	5/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15	3 / 30	3 / 30
Piping Height	Max	m	8	8	15	15
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16	ID 16	ID 16

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

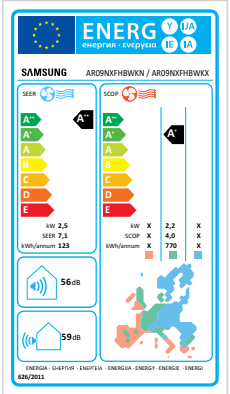
Accessory

Included



Wireless Remote Controller

TBD



Residential

AR**RXFHBWKNEU

