

WindFree Première +


Indoor Unit Soapstone Charcoal			AR70H09CAABNEU	AR70H12CAABNEU
Indoor Unit			AR70H09CAAWNEU	AR70H12CAAWNEU
Outdoor Unit			AR70H09CAAWXEU	AR70H12CAAWXEU
Capacity				
Cooling (Nominal)	kW		2,5	3,5
Cooling (Min-Max)	kW		1,0 - 4,0	1,0 - 4,8
Heating @ +7 °C	kW		3,2	4,0
Heating (Min-Max)	kW		0,8 - 7,1	0,8 - 7,3
Heating @ -5 °C	kW		4,8	5,2
Heating @ -10 °C	kW		4,2	4,8
Heating @ -15 °C	kW		3,6	4,2
Performance				
Energy Efficiency Cooling	SEER ¹	W/W	9,7/ A+++	9,0/ A+++
	Power Consumption	kWh/a	90	136
	Pdesignc	kW	2,5	3,5
	EER	W/W	4,81	4,12
Energy Efficiency Heating	SCOP ¹	W/W	5,1/ A+++	5,1/ A+++
	Power Consumption	kWh/a	659	659
	Pdesignh (average)	kW	2,4	2,4
	COP ¹	W/W	4,74	4,26
Moisture Removal	l/h		0,9	1,4
Maximum Airflow (Cooling)	Indoor Unit	m ³ /min	10	11
	Outdoor Unit	m ³ /min	45,0	45,0
Sound Power	Indoor Unit (Cooling)	dB(A)	56	58
	Outdoor Unit (Cooling)	dB(A)	59	62
Sound Pressure	Indoor Unit High/Silent Mode	dB(A)	38 / 16	40 / 16
	Outdoor Unit High	dB(A)	45	46
Operating Temperature Range	Cooling	°C	-10 - 46	-10 - 46
	Heating	°C	-15 - 24	-15 - 24
Electrical Data				
Power Source	Φ, V, Hz		10, 220-240 V, 50 Hz	10, 220-240 V, 50 Hz
Compressor Type	Outdoor Unit	Type	Twin Rotary	Twin Rotary
Power Consumption	Cooling	kW	0,52	0,85
	Heating	kW	0,68	0,94
Operating Current	Cooling	A	2,8	3,8
	Heating	A	3,1	4,2
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	889 x 299 x 230	889 x 299 x 230
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285
Net Weight	Indoor Unit	kg	11,3	11,3
	Outdoor Unit	kg	30,5	30,5
Refrigerant				
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP= 675)	
	Charging (for 7.5 m)	kg	1,0	1,0
	Charging Ton Equivalent CO ₂	tCO ₂ e	0,65	0,65
	Additional Refrigerant Charging	g/m	15	15
Piping Connections	Liquid Pipe	ø, mm (inch)	6,35 (1/4)	6,35 (1/4)
	Gas Pipe	ø, mm (inch)	9,52 (3/8)	9,52 (3/8)
Piping Length	Min/Max (ODU to IDU)	m	3 / 20	3 / 20
Piping Height	Max	m	10	10
Piping Connections	Drain Pipe	ø, mm	ø16,3, 550 mm	ø16,3, 550 mm
Functions				
Airflow	AI Motion Wind		•	•
	Motion Wind		•	•
	WindFree™ Cooling		•	•
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto
	Auto Fan Speed		•	•
Air Purification	4-in-1 Filter		•	•
	Easy Filter Plus		•	•
	Auto Clean (Self-Cleaning)		•	•
Operating Mode	AI Auto Comfort with Wi-Fi & Radar Sensor (direct/indirect)		•	•
	AI Auto Comfort with Wi-Fi		•	•
	Auto Mode (without Wi-Fi)		-	-
	Fast Cooling		•	•
	Good Sleep		•	•
	Eco		•	•
	Dehumidification		•	•
	Fan		•	•
	Quiet		•	•
	Other Functions	Samsung SmartThings		•
	Radar Sensor		•	•
	Indoor Temperature Display		•	•
	Display On/Off	88 Display	•	•
	Beep On/Off		•	•
	Auto Changeover		•	•
	Auto Restart		•	•

Capacity


Single Split (RAC) - AR70H**C*AWXEU		Capacity (kW)					
Indoor unit		2	2.5	3.5	4.3	5	6.5
Première+ Essential White		-	•	•	-	-	-
Première+ Soapstone Charcoal		-	•	•	-	-	-
Première Essential White		•	•	•	•	•	•
Première Soapstone Charcoal		•	•	•	-	-	-

Multi Split (FJM) - AJ***TXJ*KG/EU		Capacity (kW)					
Indoor unit		2	2.5	3.5	4.3	5	6.5
Première+ Essential White		•	•	•	-	-	-
Première+ Soapstone Charcoal		•	•	•	-	-	-
Première Essential White		•	•	•	-	•	•
Première Soapstone Charcoal		•	•	•	-	-	-
Multi Split (FJM) - AJ***TXJ*KG/EU							
AJ040TXJ2KG/EU		•	•	•	-	-	-
AJ050TXJ2KG/EU		•	•	•	-	•	-
AJ052TXJ3KG/EU		•	•	•	-	•	-
AJ068TXJ3KG/EU		•	•	•	-	•	-
AJ080TXJ4KG/EU		•	•	•	-	•	•
AJ100TXJ5KG/EU		•	•	•	-	•	•

Controls and Accessories



Wireless SolarCell Remote Controller (included)




Advanced Wired Controller

MWR-WG01JN
MWR-WG01KN



Simple Type Controller

MWR-SH00N



Touch Controller

MWR-SH11N

¹ Energy labels as shown are according to EU No 626/2011 (LOT 10) label classification 2019, on a scale from D to A+++.