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	m³/min		10	11
	Outdoor Unit	m³/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		1Φ, 220~240 V, 50 Hz	1Φ, 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_2e		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			•	•

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

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