

WindFree Comfort S2

- Three-step cooling: Fast Cooling mode, Dehumidification mode and WindFree™ Cooling mode.
- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Twin Rotary Compressor with Digital Inverter Boost technology.

- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fan and controller from power surges.
- Compatible with wired remote controller and with centralized controller.
- SolarCell remote controller included.
- Freezeshield.

Specifications



		Indoor Unit	AR60F09C1AWNEU	AR60F12C1AWNEU	AR60F18C1AWNEU	AR60F24C1AWNEU
		Outdoor Unit	AR60F09C1AWXEU	AR60F12C1AWXEU	AR60F18C1AWXEU	AR60F24C1AWXEU
Capacity						
	Cooling (Min–Max)	kW	1 - 3.5	0.9 - 4.2	1.6 - 6.7	1.4 - 7.6
	Heating @ +7 °C	kW	3.2	4.0	6	7.4
Performance						
Energy Efficiency Cooling	SEER ¹	W/W	7.9/ A++	7.6/ A++	7.2/ A++	7/ A++
	Pdesignc	kW	2,5	3,5	5	6,5
	EER	W/W	4	3,54	3,6	3,33
Energy Efficiency Heating	SCOP ¹	W/W	4.6/ A++	4.6/ A++	4.1/ A++	4.3/ A++
	Pdesignh (average)	kW	2.2	2.3	3.8	4.1
	COP ¹	W/W	4,16	3,92	3,73	3,36
Moisture Removal		l/h	1.0	1.5	2	2.5
Maximum Airflow (Cooling)	Indoor Unit	m ³ /min	12.1	13.1	15.7	17.6
Sound Power	Indoor Unit (Cooling)	dB(A)	56	58	58	62
	Outdoor Unit (Cooling)	dB(A)	63	63	65	68
Sound Pressure	Indoor Unit High/Silent Mode	dB(A)	38 / 16	40 / 16	41 / 25	45 / 27
	Outdoor Unit High	dB(A)	45	46	51	54
Operating Temperature 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		Φ, V, Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz
Power Consumption	Cooling	W	625	990	1390	1950
	Heating	W	770	1020	1610	2200
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	889 x 299 x 215	889 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
	Outdoor Unit	mm	710 x 540 x 220	710 x 540 x 220	880 x 638 x 310	880 x 638 x 310
Net Weight	Indoor Unit	kg	9,9	9,9	12,3	12,3
	Outdoor Unit	kg	24	24	36,8	38,6
Refrigerant						
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)			
	Charging (for 7.5 m)	kg	0,7	0,7	1,3	1,3
	Charging Ton Equivalent CO ₂	tCO ₂ e	0.47	0.47	0.88	0.88
Piping Connections	Liquid Pipe	ø, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	ø, mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (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

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		Outdoor Unit	AR60F09C1AWXEU	AR60F12C1AWXEU	AR60F18C1AWXEU	AR60F24C1AWXEU
Functions						
Airflow	WindFree™ Cooling		●	●	●	●
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto	Auto	Auto
	Auto Fan Speed		●	●	●	●
Air Purification	Tri-Care Filter		-	-	-	-
	Easy Filter Plus		●	●	●	●
	Auto Clean (Self-Cleaning)		●	●	●	●
Operating Mode	AI Auto Comfort with Wi-Fi & MDS (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		●	●	●
	MDS (Motion Detect Sensor)		-	-	-	-
	Indoor Temperature Display		●	●	●	●
	Display On/Off	88 Display	●	●	●	●
	Beep On/Off		●	●	●	●
	Auto Changeover		●	●	●	●
	Auto Restart		●	●	●	●

Accessories



Wireless Remote Controller SolarCell (Included)



Advanced Wired Controller³

MWR-WG01JN
MWR-WG01KN



Touch Controller³

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+++.

² The centralized controller is only compatible with specific bigger capacity ODU i.e. AR18TXFCAWKXEU and AR24TXFCAWKXEU. It is not compatible with the 2.5kW and 3.5kW RAC ODU. A MIM-R10N Interface is required for the Outdoor Unit (ODU).

³ MIM-A00N Interface is required for the connection to wired remote controllers.