

Specifications

WindFree™ Comfort S2 R32

- 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.
- Freezeshash



			Indoor Unit	AR60F09C1AWNEU	AR60F12C1AWNEU	AR60F18C1AWNEU	AR60F24C1AWNEU
			Outdoor Unit	AR60F09C1AWXEU	AR60F12C1AWXEU	AR60F18C1AWXEU	AR60F24C1AWXEU
Capacity							
Capacity	Cooling (Nominal)	kW		2,5	3,5	5	6,5
	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
	Heating (Min-Max)	kW		0.88 - 5	0.85 / 5	1.3 - 8	1.2 - 9.7
	Heating @ -5 °C	kW		3.06	3.27	5.29	6.58
	Heating @ -10 °C	kW		2.88	3.12	4.88	5.97
	Heating @ -15 °C	kW		2.49	2.61	4.13	5.12
Performance							
Energy Efficiency Cooling	SEER ¹	W/W		7.9/ A++	7.6/ A++	7.2/ A++	7/ A++
	Power Consumption	kWh/a		110.76	161.18	325.00	243.06
	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+
	Power Consumption	kWh/a		669.57	700.00	1334.88	1297.56
	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	m³/min		12.1	13.1	15.7	17.6
	Outdoor Unit	m³/min		38	38	50	50
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
Compressor Type	Outdoor Unit	Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Power Consumption	Cooling	W		625	990	1390	1950
	Heating	W		770	1020	1610	2200
Operating Current	Cooling	A		2.9	4.4	6.4	8.8
	Heating	A		3.4	4.5	7.8	9.8
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
	Additional Refrigerant Charging	g/m		15	15	15	15

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. AR18TXFCWKEU and AR24TXFCWKEU. It is not compatible with the 2.5kW and 3.5kW RAC ODU. A MIM-R10N Interface is required for the Outdoor Unit (ODU).