

# Specifications

## WindFree™ Elite S2

R32



- Three-step cooling: Fast Cooling mode, Dehumidification mode and Wind Free™ Cooling mode.
- Tri-Care Filter system with Zeolite Coating.
- AI Auto Comfort and Motion Detect Sensor.
- 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.
- Freezewash



		Indoor Unit	AR70F09CAAWNEU	AR70F12CAAWNEU
		Outdoor Unit	AR70F09CAAWXEU	AR70F12CAAWXEU
<b>Capacity</b>				
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	0.7–7.1	0.8–7.3
	Heating @ -5 °C	kW	4.47	5.04
	Heating @ -10 °C	kW	4.42	4.82
	Heating @ -15 °C	kW	3.79	4.18
<b>Performance</b>				
Energy Efficiency Cooling	SEER <sup>1</sup>	W/W	9.5/ <b>A+++</b>	8.5/ <b>A+++</b>
	Power Consumption	kWh/a	92	139
	Pdesignc	kW	2.5	3.5
	EER	W/W	4.67	4.07
Energy Efficiency Heating	SCOP <sup>1</sup>	W/W	5.1/ <b>A+++</b>	5.1/ <b>A+++</b>
	Power Consumption	kWh/a	659	659
	Pdesignh (average)	kW	2.4	2.4
	COP <sup>1</sup>	W/W	4.74	4.26
Moisture Removal		l/h	1.0	1.5
Maximum Airflow (Cooling)	Indoor Unit	m <sup>3</sup> /min	11.1	12.1
	Outdoor Unit	m <sup>3</sup> /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
<b>Electrical Data</b>				
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	W	535	860
	Heating	W	675	940
Operating Current	Cooling	A	2.9	4.1
	Heating	A	3.4	4.4
<b>Dimensions</b>				
Net Dimensions (W x H x D)	Indoor Unit	mm	889 x 299 x 215	889 x 299 x 215
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285
Net Weight	Indoor Unit	kg	10.5	10.5
	Outdoor Unit	kg	30,7	30,7
<b>Refrigerant</b>				
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)	
	Charging (for 5 m)	kg	0.97	0.97
	Charging Ton Equivalent CO <sub>2</sub>	tCO <sub>2</sub> 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