

Specifications

WindFree™ Avant Black & Avant S2

R32



- Three-step cooling: Fast Cooling mode, Dehumidification mode and WindFree™ Cooling mode.
- Tri-Care Filter system with Zeolite Coating.
- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fin and controller from power surges.
- Compatible with wired remote controller and with centralized controller².
- SolarCell remote controller included.
- Freezewash



Indoor Unit Black			AR70F07C1ABNEU	AR70F09C1ABNEU	AR70F12C1ABNEU			
Indoor Unit			AR70F07C1AWNEU	AR70F09C1AWNEU	AR70F12C1AWNEU	AR70F15C1AWNEU	AR70F18C1AWNEU	AR70F24C1AWNEU
Outdoor Unit			AR70F07C1AWXEU	AR70F09C1AWXEU	AR70F12C1AWXEU	AR70F15C1AWXEU	AR70F18C1AWXEU	AR70F24C1AWXEU
Capacity								
Capacity	Cooling (Nominal)	kW	2	2.5	3,5	4.3	5	6.5
	Cooling (Min-Max)	kW	0.96 - 3.2	0.96 - 3.7	1- 4.6	1- 5	1.6 - 6.7	1.4 - 7.6
	Heating @ +7 °C	kW	2.2	3.2	4.0	4.7	6	7.4
	Heating (Min-Max)	kW	0.7 - 6.7	0.7 - 7	0.7 - 7.2	0.7 - 7.6	1.3 - 8	1.2 - 9.7
	Heating @ -5 °C	kW	4.2	4.39	4.96	5.08	5.29	6.58
	Heating @ -10 °C	kW	4.17	4.35	4.74	4.71	4.88	5.97
	Heating @ -15 °C	kW	3.57	3.72	4.1	4.16	4.13	5.12
Performance								
Energy Efficiency Cooling	SEER¹	W/W	9/ A+++	8.8/ A+++	8.6/ A+++	8/ A++	7.2/ A++	7/ A++
	Power Consumption	kWh/a	77.78	99.43	142.44	188.13	243.06	325.00
	Pdesignnc	kW	2	2,5	3,5	4,3	5	6,5
	EER	W/W	4,65	4,39	3,85	3,64	3,6	3,33
Energy Efficiency Heating	SCOP¹	W/W	4.8/ A++	4.8/ A++	4.8/ A++	4.6/ A++	4.1/ A++	4.3/ A++
	Power Consumption	kWh/a	641.67	670.83	700.00	821.74	1297.56	1334.88
	Pdesignnh (average)	kW	2.2	2.3	2.4	2.7	3.8	4.1
	COP¹	W/W	4,78	4,21	3,74	3,73	3,73	3,36
Moisture Removal		L/h	1.0	1.0	1.5	1.5	2	2.5
Maximum Airflow (Cooling)	Indoor Unit	m³/min	10.5	11.1	12.1	14.2	15.7	17.6
	Outdoor Unit	m³/min	45	45	45	45	50	50
Sound Power	Indoor Unit (Cooling)	dB(A)	56	56	58	58	58	62
	Outdoor Unit (Cooling)	dB(A)	59	59	62	65	65	68
Sound Pressure	Indoor Unit High/Silent Mode	dB(A)	38 / 16	38 / 16	40 / 16	41 / 25	41 / 25	45 / 27
	Outdoor Unit High	dB(A)	45	45	46	48	51	54
Operating Temperature Range	Cooling	°C	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Electrical Data								
Power Source		Ø, V, Hz	1Ø, 220~240 V, 50 Hz	1Ø, 220~240 V, 50 Hz	1Ø, 220~240 V, 50 Hz	1Ø, 220~240 V, 50 Hz	1Ø, 220~240 V, 50 Hz	1Ø, 220~240 V, 50 Hz
Compressor Type	Outdoor Unit	Type	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Power Consumption	Cooling	W	430	570	910	1180	1390	1950
	Heating	W	460	760	1070	1260	1610	2200
Operating Current	Cooling	A	2.3	3	4.1	5.2	6.4	8.8
	Heating	A	2.3	3.4	4.7	5.6	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	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	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 638 x 310
Net Weight	Indoor Unit	kg	9,9	9,9	9,9	9,9	12,3	12,3
	Outdoor Unit	kg	30,7	30,7	30,7	30,7	30,7	30,7