

SAMSUNG



Samsung WindFree™ Mini 4-Way Cassette R32

The Samsung WindFree™ range keeps you comfortably cool without any cold drafts. It provides intelligent indoor climate comfort thanks to smart controls that adapt to your personal preferences, automatically maintaining optimal conditions.

Wind-Free™ Cooling

WindFree™ technology enhances your indoor comfort by using thousands of micro-holes to disperse fresh air uniformly without any unpleasant blasts of cold wind. In WindFree™ mode, air is spread softly and silently, creating a 'Still Air' environment¹ that provides you total well-being day and night.

Smart Operation

AI Auto Comfort² introduces you to an intelligent way of living. It analyses your room conditions and usage patterns³, and then automatically adjusts the temperature. Temperatures can also be managed remotely using the SmartThings App⁴. Turning it on and off, selecting the cooling mode or scheduling its operation is just one touch away.

WiFi Control

Temperatures in your building can be managed remotely using the SmartThings App⁵. Turning it on and off, selecting the cooling mode, scheduling its operation or monitoring the power consumption is just one touch away. The Bixby 2.0 Artificial Intelligence (AI) system⁶ analyses and predicts your needs so it can suggest the best settings for inside your home.

¹ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines 'Still Air' as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.

²A Wi-Fi connection and Samsung SmartThings application account are required.

³Stores user data, preferences and usage patterns to suggest the most useful options.

⁴Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings application account are required.

⁵Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required.

⁶Voice control is supported in English.

Samsung WindFree™ Mini 4-Way Cassette

R32

- 2-Step Cooling: Fast Cooling & WindFree™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 32° and 75°; blade width 66 mm.
- Built-in humidity sensor.
- Built-in condensation drain pump (750 mmH2O).



Specifications

Model No.	Indoor Unit Outdoor Unit (1-phase)		AC026RNNDKG/EU AC026RXADKG/EU	AC035RNNDKG/EU AC035RXADKG/EU	AC052RNNDKG/EU AC052RXADKG/EU	AC071RNNDKG/EU AC071RXADKG/EU	
Capacity	Cooling	kW	2.60(0.87-4.10)	3.50(0.88-4.50)	5.00(1.30-6.20)	6.80(1.50-8.30)	
	Heating		3.40(0.98-4.10)	4.00(1.00-4.80)	5.50(1.30-7.50)	7.50(1.90-9.00)	
UK Capacity	Sensible cooling	kW	2.04	2.49	3.49	4.29	
Efficiency	EER		3.88	3.40	3.27	2.47	
	COP ¹	W/W	3.69	3.33	3.62	2.68	
	SEER ¹	W/W	7.1/ A++	7.0/ A++	6.7/ A++	6.1/ A++	
	SCOP ¹		4.3/ A+	4.3/ A+	4.2/ A+	3.8/ A	
Annual Energy Consumption	Cooling	kWh/a	128	175	261	390	
	Heating		684	684	800	1,474	
Sound Pressure	Indoor (H/M/L)		31/28/25	34/30/25	39/34/29	42/39/36	
	Outdoor (Cooling/Heating)	dB(A)	46/47	48/48	48/48	49/51	
Sound Power	Indoor Unit	dB(A)	48	50	56	58	
	Outdoor Unit		59	61	62	65	
Airflow Rate	Indoor	Cooling (H/M/L)	133.3/116.6/100	153.3/133.3/106.6	175/158.3/141.6	191.6/175/158.3	
		Heating (H/M/L)	166.6/150/133.3	173.3/150/130	175/158.3/141.6	191.6/175/158.3	
	Outdoor		500	500	667	850	
Dimensions (W x H x D)	Indoor		575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	
	Outdoor	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310	
Cassette Panel	Model		PC4SUFMAN				
	Dimensions (W x H x D)	mm	620 x 46 x 620				
	Weight	kg	2.7				
Net Weight	Indoor Unit	kg	11.5	11.5	12.0	12.0	
	Outdoor Unit		32.5	32.5	43.5	51.0	
Refrigerant	Pipe Size Gas	ø, inch	3/8	3/8	1/2	5/8	
	Liquid		1/4	1/4	1/4	1/4	
	Std/Max Pipe Length (Height)	m	5/20(15)	5/20(15)	5/30(20)	5/50(35)	
	Pre Charge to		20	20	10	15	
	Factory Charging	kg	0.9	0.9	1.2	1.7	
	Additional Charge	g/m	-	-	15	25	
Electrical	CO ₂ Equivalent (R32 - GWP 675)	tCO ₂ e	0.61	0.61	0.81	1.15	
	Power Supply	V, Hz	220-240 V, 50 Hz	220-240 V, 50 Hz	220-240 V, 50 Hz	220-240 V, 50 Hz	
	Power Input	Cooling	kW	0.16/0.67/1.20	0.18/1.03/1.40	0.31/1.53/2.10	0.35/2.75/3.60
		Heating		0.20/0.92/1.45	0.19/1.20/1.80	0.35/1.52/2.40	0.35/2.80/3.95
	Current Input	Cooling	A	1.3/3.5/5.5	1.4/5.0/6.0	2.6/7.0/9.5	2.0/12.0/16.0
		Heating		1.3/4.6/7.0	1.3/5.7/10.5	2.9/7.0/11.0	2.0/12.0/17.0
	MCA	A	11.0	11.0	17.5	17.5	
	MFA		12.5	12.5	20.6	20.6	
	Interconnecting Communication Cable	mm ²	Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection				

¹ Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.

Accessories

Wireless Remote Controller	Simple Type Controller	Touch Controller	Premium Wired Controller	Panel (Mandatory)	External Thermostat	Wi-Fi Kit	SPI Ioniser
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WG00JN	PC4SUFMAN	MRW-TA	MIM-H04EN	MSD-CAN1

Copyright © 2020 Samsung Electronics Air Conditioner Europe B.V. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co., Ltd. Specifications and designs are subject to change without notice and may include preliminary information. Non-metric weights and measurements are approximate. All data was deemed correct at the time of creation. Samsung is not liable for errors or omissions. Some images may be digitally altered. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognised and acknowledged.

Samsung Electronics Air Conditioner Europe B.V.
 Evert van de Beekstraat 310, 1118 CX Schiphol
 P.O. Box 75810, 1118 ZZ Schiphol
 The Netherlands
 +31 (0)8 81 41 61 00