

# 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' environment<sup>1</sup> that provides you total well-being day and night.

### Smart Operation

AI Auto Comfort<sup>2</sup> introduces you to an intelligent way of living. It analyses your room conditions and usage patterns<sup>3</sup>, and then automatically adjusts the temperature. Temperatures can also be managed remotely using the SmartThings App<sup>4</sup>. 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 App<sup>5</sup>. 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) system<sup>6</sup> analyses and predicts your needs so it can suggest the best settings for inside your home.

<sup>1</sup>ASHRAE (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.

<sup>2</sup>A Wi-Fi connection and Samsung SmartThings application account are required.

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

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

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

<sup>6</sup>Voice 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		AC026RNNDKG/EU	AC035RNNDKG/EU	AC052RNNDKG/EU	AC071RNNDKG/EU
	Outdoor Unit (1-phase)		AC026RXADKG/EU	AC035RXADKG/EU	AC052RXADKG/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
	Heating		2.88	3.40	3.27	2.47
Efficiency	EER	W/W	3.69	3.33	3.62	2.68
	COP <sup>1</sup>					
SEER <sup>1</sup>	SEER <sup>1</sup>	W/W	7.1/ <span style="color: green;">A++</span>	7.0/ <span style="color: green;">A++</span>	6.7/ <span style="color: green;">A++</span>	6.1/ <span style="color: green;">A++</span>
	SCOP <sup>1</sup>		4.3/ <span style="color: green;">A+</span>	4.3/ <span style="color: green;">A+</span>	4.2/ <span style="color: green;">A+</span>	3.8/ <span style="color: orange;">A</span>
Annual Energy Consumption	Cooling	kWh/a	128	175	261	390
	Heating		684	684	800	1,474
Sound Pressure	Indoor (H/M/L)	dB(A)	31/28/25	34/30/25	39/34/29	42/39/36
	Outdoor (Cooling/Heating)		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)	l/s	133.3/133.3/106.6	175/158.3/141.6	191.6/175/158.3
		Heating (H/M/L)				
	Outdoor	Heating (H/M/L)				
Dimensions (W x H x D)	Indoor	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Outdoor		790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Cassette Panel	Model	mm	PC4SUFMAN			
	Dimensions (W x H x D)		620 x 46 x 620			
	Weight		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	ø, inch	3/8	3/8	1/2	5/8
	Gas					
	Liquid	m	1/4	1/4	1/4	1/4
	Std/Max Pipe Length (Height)					
	Pre Charge to	kg	0.9	0.9	1.2	1.7
	Factory Charging					
	Additional Charge	g/m	-	-	15	25
Electrical	CO <sub>2</sub> Equivalent (R32 - GWP 675)					
	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					
	Current Input	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
	Cooling					
MCA	Heating	A	1.3/4.6/7.0	1.3/5.7/10.5	2.9/7.0/11.0	2.0/12.0/17.0
	MFA					
Interconnecting Communication Cable	Interconnecting Communication Cable	mm <sup>2</sup>	12.5	12.5	20.6	20.6
	Interconnecting Communication Cable					

<sup>1</sup> 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

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