

Samsung WindFree™ 4-Way Cassette R32

- 2-Step Cooling: Fast Cooling & WindFree™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 34° and 68°; blade width 84 mm.
- Built-in humidity sensor.
- High ceiling mode for heights up to 4.6 m (12.0~14.0 kW), 3.9 m (9.0~10.0 kW), 3.5 m (5.2~7.1 kW).
- Built-in condensation drain pump (750 mmH2O).



Specifications

*3-phase unit available.

Model No.	Indoor Unit		AC052RN4DKG/EU	AC071RN4DKG/EU	AC100RN4DKG/EU	AC120RN4DKG/EU	AC140RN4DKG/EU
	Outdoor Unit (1-phase)		AC052RXADKG/EU	AC071RXADKG/EU	AC100RXADKG/EU*	AC120RXADKG/EU*	AC140RXADKG/EU*
Capacity	Cooling	kW	5.00(1.00-6.50)	7.10(1.50-8.70)	10.0(3.0-12.0)	12.0(3.5-13.5)	13.4(3.5-15.5)
	Heating	kW	6.00(1.00-7.00)	8.00(1.90-9.00)	11.2(2.2-15.5)	13.2(3.5-15.5)	15.5(3.5-18.0)
UK Capacity	Sensible cooling	kW	3.89	4.89	7.47	8.41	9.01
Efficiency	EER		3.50	2.98	2.92	2.60	2.90
	COP ¹	W/W	4.03	3.27	3.61	3.18	3.16
	SEER ¹		7.6/ A++	6.7/ A++	7.0/ A++	6.0/ A+	6.6/ A++
	SCOP ¹	W/W	4.3/ A+	4.2/ A+	4.3/ A++	4.0/ A+	4.3/ A++
Annual Energy Consumption	Cooling	kWh/a	230	371	500	-	-
	Heating	kWh/a	847	1,500	1,726	-	-
Sound Pressure	Indoor (H/M/L)	dB(A)	33/31/29	36/33/29	44/39/33	45/40/35	45/41/37
	Outdoor (Cooling/Heating)	dB(A)	48/48	49/51	52/54	54/56	53/54
Sound Power	Indoor Unit	dB(A)	49	53	61	61	61
	Outdoor Unit	dB(A)	62	65	69	70	69
Airflow Rate	Indoor Cooling (H/M/L)	l/s	250/233.3/216.6	325 275/241.6	517/417/317	533/433/333	533/450/367
	Heating (H/M/L)	l/s	250/233.3/216.6	325 275/241.6	517/417/317	533/433/333	533/450/367
	Outdoor	l/s	667	850	1,200	1,200	1,833
Dimensions (W x H x D)	Indoor	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Outdoor	mm	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1,210 x 330
Cassette Panel	Model				PC4NUFMAN		
	Dimensions (W x H x D)	mm			950 x 48 x 950		
	Weight	kg			6.3		
Net Weight	Indoor Unit	kg	14.5	14.5	18.0	18.0	20.0
	Outdoor Unit	kg	43.0	51.0	75.0	81.0	91.5
Refrigerant	Pipe Size Gas		1/2	5/8	5/8	5/8	5/8
	Liquid	ø, inch	1/4	1/4	3/8	3/8	3/8
	Std/Max Pipe Length (Height)	m	5/30(20)	5/30(20)	5/50(30)	5/30(20)	5/75(30)
	Pre Charge to		10	15	30	30	30
	Factory Charging	kg	1.2	1.7	2.7	2.7	2.9
	Additional Charge	g/m	15	25	50	50	50
	CO ₂ Equivalent (R32 - GWP 675)	tCO ₂ e	0.81	1.15	1.82	1.82	1.96
Electrical	Power Supply	V, Hz	220-240 V, 50 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	0.33/1.43/2.30	0.35/2.38/3.60	0.60/3.42/4.70	0.90/4.60/5.30	0.80/4.62/6.45
	Heating	kW	0.25/1.49/2.50	0.35/2.45/3.95	0.46/3.10/5.40	0.75/4.15/5.60	0.70/4.90/7.36
	Current Input Cooling	A	1.5/6.5/9.5	2.0/10.3/16.0	3.0/15.2/ 20.4	4.3/20.1/24.0	3.7/20.0/ 28.0
	Heating	A	1.5/6.8/12.0	2.0/10.7/17.0	2.5/13.6/23.0	3.7/18.2/26.0	3.5/21.3/32.0
	MCA	A	17.5	17.5	25.0	25.0	33.0
	MFA	A	20.6	20.6	30.0	30.0	40.00
	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 (LOT 10) label classification 2019, on a scale from D to A+++.

Accessories						
Wireless Remote Controller	Touch Controller	Premium Wired Controller	Panel (Mandatory)	Motion Detect Sensor (950 x 950 panel)	Wi-Fi Kit	SPI Ioniser
AR-EH03E	MWR-SH11N	MWR-WG00JN	PC4NUFMAN	MCR-SMC	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