SAMSUNG



Samsung Ceiling/Floor R32

The Samsung Ceiling Type air conditioning unit is slim and compact, offering a wider choice of installation locations.

Two-Way Installation

The two-way installation option enables users to choose the best solution for their specific requirements. This flexible unit can be deployed under the ceiling or as a free-standing floor unit. If space is limited and airflow needs to come from above, the ceiling setting is ideal, while the floor-standing option is perfect when room is abundant. This two-way design is efficient, cost-effective and elegant.

WiFi Control

Temperatures in your building can be managed remotely using the SmartThings App[1]. 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[2] analyses and predicts your needs so it can suggest the best settings for inside your home.

[1] Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required.
[2] Voice control is supported in English.

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- Vertical or horizontal installation.
- Air supply by means of one adjustable blade; blade angle between 4° and 45°.
- Long-life washable HD 40 permanent filter is included.







Specifications

Model No.	Indoor Unit Outdoor Unit (1-phase)		AC052RNCDKG/EU AC052RXADKG/EU	AC071RNCDKG/EU AC071RXADKG/EU
Capacity	Cooling	kW	5.0(1.20-6.50)	7.10(1.50-8.70)
	Heating		6.0(1.70-7.70)	8.0(1.90-9.0)
UK Capacity	Sensible cooling	kW	3.49	4.69
Efficiency	EER	W/W	3.16	2.47
	COP[1]		3.13	2.62
	SEER[1]	W/W	6.4/ A+	5.6/ A+
	SCOP[1]		3.9/ A	3.9/ A
Annual Energy Consumption	Cooling	kWh/a	273	444
	Heating		862	1,256
Sound Pressure	Indoor (H/M/L)	dB(A)	41/39/36	46/44/42
	Outdoor (Cooling/Heating)		48/48	49/51
Sound Power	Indoor Unit	dB(A)	60	64
	Outdoor Unit		62	65
Airflow Rate	Indoor Cooling (H/M/L)	l/s	210/188.3/166.6	253.3/235/218.3
	Heating (H/M/L)	l/s	210/188.3/166.6	253.3/235/218.3
	Outdoor	l/s	667	850
Dimensions (W x H x D)	Indoor	mm	1,000 x 200 x 650	1,000 x 200 x 650
	Outdoor		880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	20.0	20.0
	Outdoor Unit		43.0	51.0
Refrigerant	Pipe Size Gas	ø, inch	1/2	5/8
	Liquid		1/4	1/4
	Std/Max Pipe Length (Height)	m	5/30/(20)	5/50/(30)
	Pre Charge to		10	15
	Factory Charging	kg	1.2	1.7
	Additional Charge	g/m	15	25
	CO_2 Equivalent (R32 - GWP 675)	tCO_2e	0.81	1.15
Electrical	Power Supply	V, Hz	220~240 V, 50 Hz	220~240 V, 50 Hz
	Power Input Cooling	kW	0.48/1.58/1.90	0.35/2.87/3.60
	Heating		0.43/1.92/3.05	0.35/3.05/3.95
	Current Input Cooling	A	2.8/7.2/9.0	2.0/12.4/16.0
	Heating		2.4/8.5/14.5	2.0/13.2/17.0
	MCA	A	17.5	17.5
	MFA		20.6	20.6
	Interconnecting Communiction Cable	mm^2	Screened 0.75-1.5mm^2, 2 Core, F1 F2 Connection	

Accessory			
Wi-Fi Kit	Premium Wired Controller	Remote Temperature Sensor	Touch Controller
MIM-H04EN	MWR-WG00JN	MRW-TA	MWR-SH11N

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