

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 App¹. 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) system² 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		AC052RNC DKG/EU	AC052RXAD KG/EU	AC071RNC DKG/EU	AC071RXAD KG/EU
	Outdoor Unit (1-phase)					
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		3.16		2.47	
	COP ¹	W/W	3.13		2.62	
	SEER ¹		6.4/ A+		5.6/ A+	
	SCOP ¹	W/W	3.9/ A		3.9/ A	
Annual Energy Consumption	Cooling	kWh/a	273		444	
	Heating		862		1,256	
Sound Pressure	Indoor (H/M/L)		41/39/36		46/44/42	
	Outdoor (Cooling/Heating)	dB(A)	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		1/2		5/8	
	Liquid	ø, inch	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 ₂ e	0.81		1.15	
Electrical	Power Supply	V, Hz	220-240 V, 50 Hz		220-240 V, 50 Hz	
	Power Input Cooling		0.48/1.58/1.90		0.35/2.87/3.60	
	Heating	kW	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 Communication 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