

SAMSUNG



Samsung 10kW High Wall R32

The Samsung 10kW High Wall operates at its maximum speed in Turbo mode to quickly reach the set temperature.

Easy Filter Plus

Unlike conventional filters that may be difficult to access the Easy Filter Plus is located externally on the top of the unit. This means it can be easily removed and cleaned without needing to open a cover or pull hard on it. Thanks to the filter's dense mesh it's very effective at capturing dust and therefore keeping the Heat Exchanger clean and working efficiently. The special coating on the filter helps protect residents from certain airborne contaminants¹.

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.

¹Tested in Korean test lab (FITI). Data has been measured under specific testing conditions and may vary depending on environmental factors and individual use. Certain airborne contaminants referred to are Escherichia coli ATCC 25922, Staphylococcus aureus ATCC 6538.

²Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required.

³Voice control is supported in English.

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- Full HD Filter.
- Wi-Fi kit (optional).



Specifications

*3-phase unit available.

Model No.	Indoor Unit		AC100RNTDKG/EU	
	Outdoor Unit (1-phase)		AC100RXADKG/EU*	
Capacity	Cooling	kW	9.50(3.0-11.0)	
	Heating	kW	10.8(2.20-15.50)	
UK Capacity	Sensible cooling	kW	6.43	
Efficiency	EER	W/W	2.53	
	COP ¹	W/W	2.82	
	SEER ¹	W/W	5.9/ A+	
	SCOP ¹	W/W	4.0/ A+	
Annual Energy Consumption	Cooling	kWh/a	564	
	Heating	kWh/a	1,960	
Sound Pressure	Indoor (H/M/L/Silent)	dB(A)	49/46/43/37	
	Outdoor (Cooling/Heating)	dB(A)	52/54	
Sound Power	Indoor Unit	dB(A)	65	
	Outdoor Unit	dB(A)	69	
Airflow Rate	Indoor	Cooling (H/M/L)	l/s	378 / 330 / 297
		Heating (H/M/L)	l/s	400 / 355 / 320
	Outdoor	l/s	1,200	
Dimensions (W x H x D)	Indoor	mm	1,280 x 345 x 253	
	Outdoor	mm	940 x 998 x 330	
Net Weight	Indoor Unit	kg	18.5	
	Outdoor Unit	kg	75.0	
Refrigerant	Pipe Size Gas	inch	5/8	
	Liquid	inch	3/8	
	Std/Max Pipe Length (Height)	m	3/50/(30)	
	Pre Charge to	kg	30	
	Factory Charging	kg	2.7	
	Additional Charge	g/m	50	
	CO ₂ Equivalent (R32 - GWP 675)	tCO ₂ e	1.82	
Electrical	Power Supply	V, Hz	220-240 V, 50 Hz	
	Power Input	Cooling	kW	0.60 / 3.75 / 5.10
		Heating	kW	0.46 / 3.82 / 5.40
	Current Input	Cooling	A	3.0 / 16.3 / 22.5
		Heating	A	2.5 / 16.7 / 23.0
	MCA	A	25.6	
	MFA	A	30.0	
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+++.

Accessory				
Wi-Fi Kit	Premium Wired Controller	External Thermostat	Touch Controller	External Contact Interface Module
MIM-H04EN	MWR-WG00JN	MRW-TA	MWR-SH11N	MIM-B14