

# SAMSUNG



## Samsung CEBU R32

The Samsung CEBU wall mounted system cools rooms quickly from corner to corner, so you're always comfortable.

### Auto Clean

The Auto Clean functionality enables cleaning of the heat exchanges anytime after you turn off the unit. This function automatically dries the Heat Exchanger using a 3 step process and prevents the build up of bacteria and odors. It can easily be enabled or disabled with the click of the remote controller.

### 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 contaminants<sup>1</sup>.

### WiFi Control

Temperatures in your building can be managed remotely using the SmartThings App<sup>2</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>3</sup> analyses and predicts your needs so it can suggest the best settings for inside your home.

<sup>1</sup>Tested 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.

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

<sup>3</sup> Voice control is supported in English.

# Samsung CEBU R32

- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Equipped with NASA communication protocol.
- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fin and controller from power surges.



## Specifications

Model No.	Indoor Unit		AR09TXFYAWKXEU	AR12TXFYAWKXEU	AR18TXFYAWKXEU	AR24TXFYAWKXEU
	Outdoor Unit (1-phase)		AR09TXFYAWKNEU	AR12TXFYAWKNEU	AR18TXFYAWKNEU	AR24TXFYAWKNEU
Capacity	Cooling	kW	2.50(0.90-3.35)	3.50(0.90-4.0)	5.0(1.6-6.7)	6.0(1.4-7.6)
	Heating		3.20(0.90-4.50)	3.50(0.90-5.0)	6.0(1.30-8.0)	7.4(1.2-9.4)
UK Capacity	Sensible cooling	kW	2.31	2.69	3.88	5.50
Efficiency	EER	W/W	3.57	2.87	3.60	3.33
	COP <sup>1</sup>		3.81	3.72	3.53	3.15
	SEER <sup>1</sup>		W/W	6.7/ <span style="color: green;">A++</span>	6.5/ <span style="color: green;">A++</span>	6.8/ <span style="color: green;">A++</span>
	SCOP <sup>1</sup>		4.0/ <span style="color: green;">A*</span>	4.0/ <span style="color: green;">A*</span>	3.8/ <span style="color: yellow;">A</span>	3.8/ <span style="color: yellow;">A</span>
Annual Energy Consumption	Cooling	kWh/a	131	188	257	355
	Heating		735	770	1,400	1,511
Sound Pressure	Indoor (H/M/L)	dB(A)	37/19	38/19	41/25	45/26
	Outdoor (Cooling/Heating)		46	47	51	54
Sound Power	Indoor Unit	dB(A)	54	56	58	62
	Outdoor Unit		63	64	65	68
Airflow Rate	Indoor	Cooling (H/M/L)	163/155/140		172/155/140	
		Heating (H/M/L)	178/172/155		187/172/155	
	Outdoor		467		833	
Dimensions (W x H x D)	Indoor	mm	820 x 299 x 215		1,055 x 299 x 215	
	Outdoor		660 x 475 x 242		880 x 638 x 310	
Net Weight	Indoor Unit	kg	9.1		11.5	
	Outdoor Unit		22.6		39.7	
Refrigerant	Pipe Size	Gas	3/8		1/2	
	Liquid		1/4		1/4	
	Std/Max Pipe Length (Height)	m	3/15(8)		3/30(15)	
	Pre Charge to		5		5	
	Factory Charging	kg	0.70		1.30	
	Additional Charge	g/m	15		15	
CO <sub>2</sub> Equivalent (R32 - GWP 675)	tCO <sub>2e</sub>	0.47		0.88		
Electrical	Power Supply	V, Hz	220-240 V, 50 Hz		220-240 V, 50 Hz	
	Power Input	Cooling	0.205/0.70/1.03		0.205/1.22/1.4	
		Heating	0.20/0.84/1.27		0.20/0.94/1.45	
	Current Input	Cooling	1.3/3.6/4.7		1.3/5.6/6.3	
		Heating	1.4/4.0/5.6		1.4/4.5/6.4	
	MCA	A	5.6		11.5	
MFA	A	16		20		
Interconnecting Communication Cable		mm <sup>2</sup>	Screened 0.75-1.5mm <sup>2</sup> , 2 Core, F1 F2 Connection			

<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+++.

Accessory			
Wireless Remote Controller	Premium Wired Controller	Sub PCB to connect wired remote controller	Touch Controller
Included	MWR-WG00JN	MIM-A00N	MWR-SH11N