

Wind Free™

Wall Mounted Systems




Freedom
Air Conditioning

SAMSUNG

What is the Wind-Free™ Cooling technology?

Wind-Free™ Cooling* effectively maintains a comfortable level of coolness without the unpleasant feeling of cold wind. Cool air is gently dispersed through 21,000 micro air holes, so you do not feel too hot or cold.



Firstly, the Wind-Free™ air conditioner cools the room with its Normal Cooling mode. When it reaches the desired temperature, you can change the mode to Wind-Free™ Cooling



With Wind-Free™ Cooling, cool air is gently dispersed across the room through 21,000 micro air holes. It creates a 'still air' environment with a very low air speed of just 0.15m/s and no temperature fluctuation

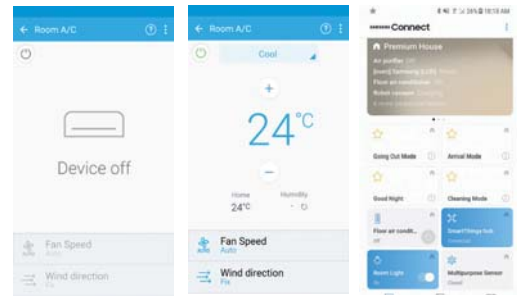


With Wind-Free™ technology combined with 2-step cooling and Goodsleep™ allow you to run your ac system all night safe in the knowledge that the system will be quiet and energy efficient.

Control it anywhere - Wifi as standard

Samsung air conditioners offer Wi-Fi control using a Samsung Connect App on your smartphone, which lets you remotely turn it on and off, control the functions and schedule its operation at anytime and anywhere.*

*Available on iPhones and Android devices. A network connection is required. Samsung application account is necessary.



Specifications

Wind-Free™ Standard



Model Name				AR09NXWBWK/EU	AR12NXWBWK/EU	AR18NSWBWK/EU	AR24NSWBWK/EU
Power Supply			Φ, V, Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Performance	Capacity	Cooling	KW	2,5	3,5	5	6,5
		Heating		3,2	3,5	6	7,4
Power	Power Input	Cooling	W	TBD	TBD	TBD	TBD
		Heating		TBD	TBD	TBD	TBD
	Current Input	Cooling	A	TBD	TBD	TBD	TBD
		Heating		TBD	TBD	TBD	TBD
Energy Efficiency	EER (Cooling)		-	4,17	3,57	3,45	2,85
	COP (Heating)		-	3,76	3,72	3,43	2,85
	SEER (Cooling)		-	7,1	6,5	6,1	6,1
	Ratio		-	A++	A++	A++	A++
	SCOP (Heating)		-	4	4	3,8	3,8
	Ratio		-	A+	A+	A	A
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1
	Air Flow Rate	Max.	m³/min	9,3	10	16	17,2
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Φ, mm	6,35	6,35	6,35	6,35
			Φ, inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe		Φ, mm	9,52	9,52	12,7	15,88
			Φ, inch	3/8"	3/8"	1/2"	5/8"
Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose	
Wiring connections	For Power Supply	Min.	mm²	1,5	1,5	1,5	1,5
	For Connection with Indoor	Min.	mm²	0,75	0,75	0,75	0,75
		Remark			F1/F2	F1/F2	F1/F2
Refrigerant	Type		-	R32	R32	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H/L	dB(A)	37 / 19	38 / 19	41 / 25	45 / 26
	Sound Power	Cooling	dB(A)	54	56	58	62
Dimensions	Net Weight		kg	TBD	TBD	TBD	TBD
	Net Dimensions (W×H×D)		mm	828 x 267 x 265	828 x 267 x 265	1065 x 301 x 311	1065 x 301 x 311
Additional Accessories	Air Filter		-	Easy Filter +	Easy Filter +	Easy Filter +	Easy Filter +
	SPI Ionizer		-	No	No	No	No

Call 02380 653283 or visit www.freedomac.co.uk for info