

SAMSUNG

Stay comfortably cool with Bespoke AI WindFree™ Air Conditioners



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Company Introduction



Brilliant innovation for the future

Dreams are boundless. Samsung Electronics constantly reinvents tomorrow to deliver innovative products and experiences that maximise user convenience and make consumers' lives better.

As a global leader, we believe that technology should work for all people, and our innovations are designed to provide more personal and more intuitive experiences that express consumers' personalities.

Connected living with



Easily connect, monitor and control all your smart appliances with the SmartThings app, via Galaxy Smartphones or Galaxy Tabs.



Enhance your home with an air conditioner that can be seamlessly integrated with the range of smart appliances in the Samsung ecosystem.



Stay protected with Samsung Knox security

Enjoy peace of mind with Samsung Knox, which ensures your data and private information are secure.

Discover
comfort cooling
with **WindFree™**
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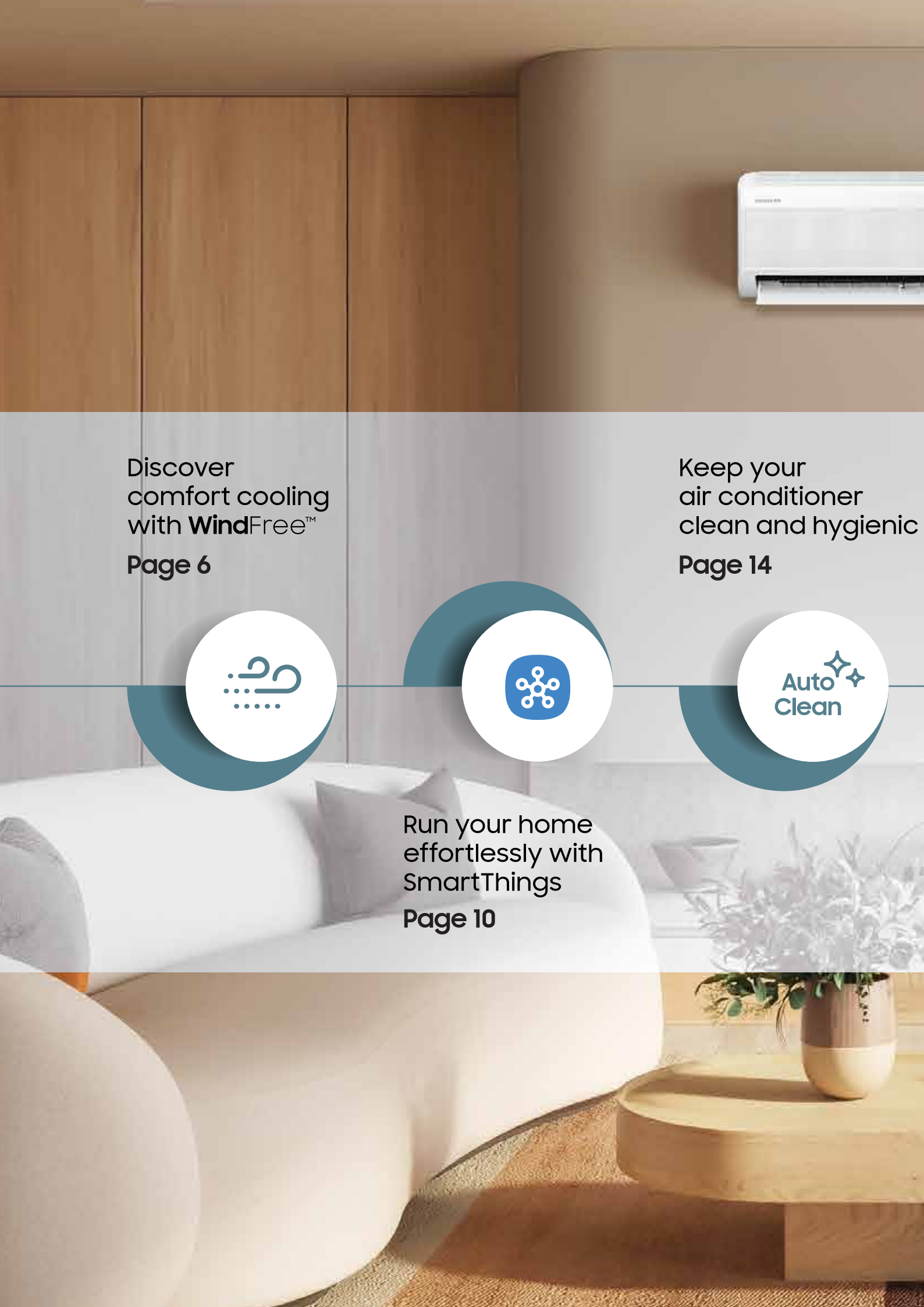


Keep your
air conditioner
clean and hygienic
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**Auto
Clean**

Run your home
effortlessly with
SmartThings
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Installation
and
maintenance
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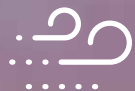
Smart cooling
meets
energy efficiency
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General
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06

WindFree™ Technology



Discover **WindFree™** 
Stay comfortably cool without unpleasant direct wind

How does WindFree™ technology work?

Samsung's innovative WindFree™ technology is the only system that creates an evenly cool and comfortable environment across a whole occupied zone. 23,000 micro air holes on the air conditioner panel allows for comfortable cooling without cold air drafts.



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WindFree™ Technology

Get cool quickly with **Fast Cooling** ❄️

Cool rooms quickly from corner to corner, so you're always comfortable. Digital Inverter Boost technology cools the air 43%¹ faster. Its advanced design has a 15% larger fan, 18% wider inlet and 31% wider blade. Cool air is dispersed farther and wider, reaching up to 15 meters².

¹Tested on the AR12TXCAAWKEU model compared with the Samsung conventional AQ12EASER model, measuring the time taken to reduce the room temperature from 33°C to 25°C. ²Tested on the AR24TXFCAWKNEU model.

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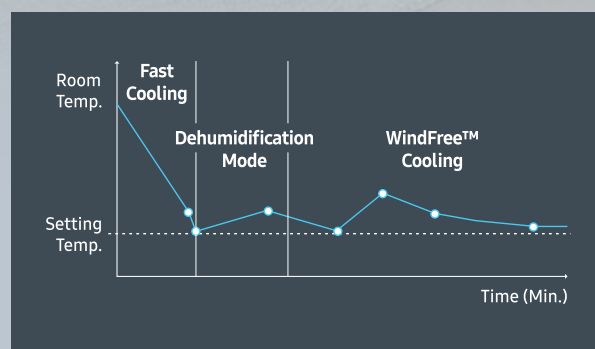
WindFree™ Technology



Stay cool the way you like it



Use WindFree™ mode to maintain your desired room temperature over long periods of time with maximum comfort. By switching on **AI Auto Cooling**, WindFree™ mode is automatically activated to maintain the optimal environment.



Reduce dryness and irritation of skin with WindFree™



With minimised direct exposure to cold airflow using the WindFree™ mode, there is lesser chance of skin feeling sensitive or trans-epidermal water loss (TEWL).



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SmartThings



Run your home effortlessly

With the SmartThings app³, you can connect, customise and manage your home from anywhere. Adjust your appliances and devices, check in on how everything's running and keep your space comfortable — all in one place, all in your hands.



SmartThings



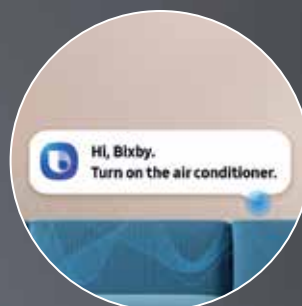
Let AI Energy Mode save energy – and your wallet



Let Good Sleep Mode smartly tailor the night to your comfort



Walk into cool comfort every time with Welcome Cooling



Just say the word, Bixby brings the chill

³Available on Android and iOS devices. Wi-Fi connection and Samsung account login are required.



AI Energy Mode saves up to **28%⁴** energy worth up to **\$1,900** in 5 years¹!



Monitor and reduce the air conditioner's energy use. AI Energy Mode lets you check the power use and estimates the electricity bill. By learning your usage patterns and analysing the room conditions, it reduces energy use by up to 28% by adjusting the temperature and compressor frequency.



⁴Based on internal testing on AJ018DBAPKF/SP and AJ045DCJ2KF/SP models, comparing AI Energy Mode vs AI Auto Mode. Requires SmartThings App and Samsung account login require. Actual savings may vary by usage patterns and environment. ¹Value estimated on a five-year basis and based on a combination of System 4 units (9k + 9k + 12k + 24k). AI energy-saving calculator only provides estimated values for guidance only. For accurate and precise estimates, we recommend consulting with your utility provider or a qualified energy professional. Actual energy bills may vary depending on various factors, including, but not limited to, product model, and usage condition and patterns.

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SmartThings



Galaxy Ring



Galaxy Watch

Enjoy a good night's sleep with **WindFree™** Good Sleep, with your **Galaxy Ring or Galaxy Watch**



Enjoy optimal cooling conditions throughout the night without lifting a finger! With the Galaxy Watch or Galaxy Ring, your air conditioner's settings — including temperature — are automatically optimised based on your usage patterns.

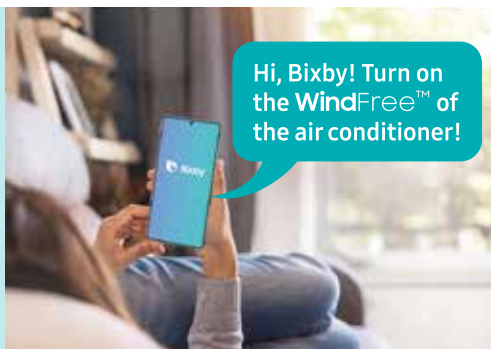
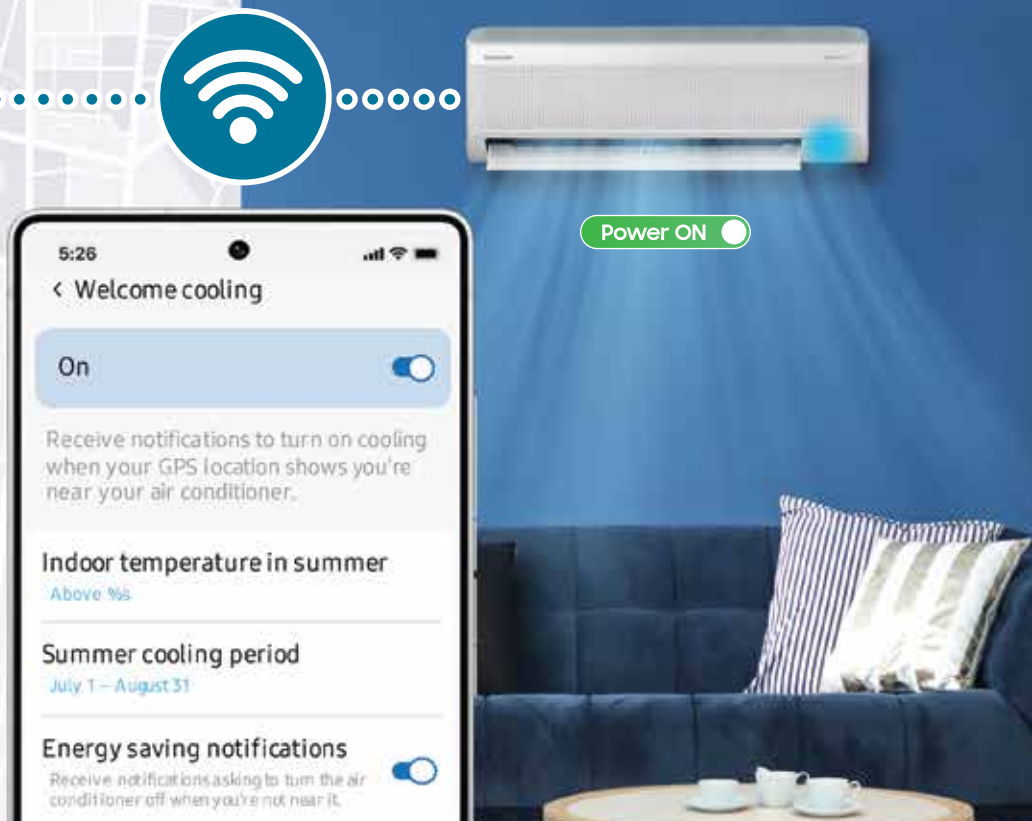
Applicable to compatible models of the Samsung Galaxy Watch and Galaxy Ring.

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Personalised instant comfort Welcome Cooling

Within 30km of your home, be notified to turn on your air conditioner.

Come home to a perfectly cooled room by remotely turning your air conditioner on, to a pre-determined temperature.



Speak up, chill out

With Samsung Bixby⁵, a voice recognition assistant, you can control your aircon hands-free. Whether you're hustling or winding down, comfort is just a word away. It even suggests the best settings for you.



⁵Bixby is Samsung's brand of artificial intelligence (AI) / Internet of Things (IoT) voice assistant. Bixby service availability may vary depending on country. Bixby recognises selected languages and certain accents/dialects. The user interface may change and differ by device. The availability of Bixby features and content providers may vary depending on the country/carrier/language/device model/OS version. Samsung account log-in and data network connection (Wi-Fi or data network) are required. Amazon, Alexa and all related logos are trademarks of Amazon.Com, Inc. or its affiliates. Google is a trademark of Google LLC.

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Auto Clean

Simply cleans itself with Auto Clean ✨

The heat exchanger dries automatically to remove 95%⁶ of microorganisms and prevents buildup of bacteria and odour.

When air conditioner is turned off, Auto Clean starts running for 10-30 minutes depending on internal humidity level, so it stays clean with no extra effort.



Removes fine dust with 4-in-1 Filter

Removes fine dust, viruses, bacteria and allergens. A 4-in-1 Filter incorporates a fabric that collects dust, including particles as small as PM2.5, as well as fibers and hair. It also has a filter with a copper coating that removes up to 99%⁷ of viruses, bacteria, allergens and PM2.5 dust.



99% Antivirus



99% Anti-Bacteria



99% PM2.5 Reduction



99% Anti-Allergy

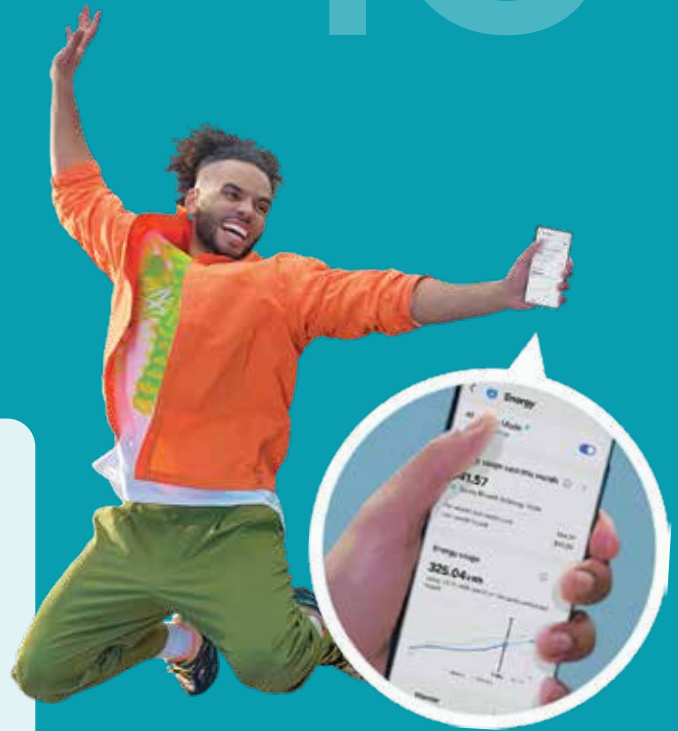
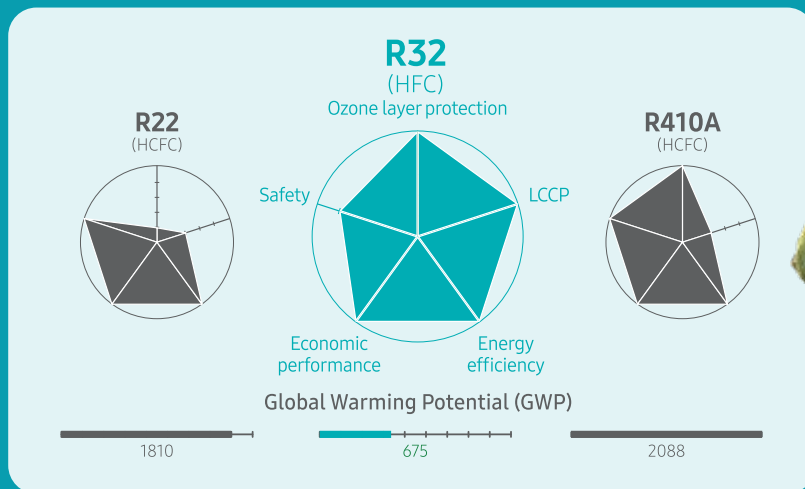
⁶Tested by Samsung in accordance with internal protocols. Results provided to and interpreted by Intertek for organisms (Escherichia coli ATCC 8739, Staphylococcus aureus ATCC 6538). ⁷Tested by Intertek for anti-bacteria properties, the Chungbuk National University (Korea), witnessed by Intertek, for anti-virus properties, the Japan test lab (ITEA) for anti-allergy properties and the Korea test lab (KITECH) for PM2.5 dust collection. The filter performance is based on testing of the filter material and not a specific model. Data has been measured under specific testing conditions and may vary depending on environmental factors and individual use.

R32 Refrigerant



At Samsung, we believe that changes start from small steps.

All Samsung air conditioners have been fitted with R32 refrigerant.



Smart cooling meets Energy Efficiency

Enjoy comfort cooling with up to 5-ticks efficiency

Multi Split



Single Split



Use your climate e-vouchers* on our selected 5-Ticks air conditioners!

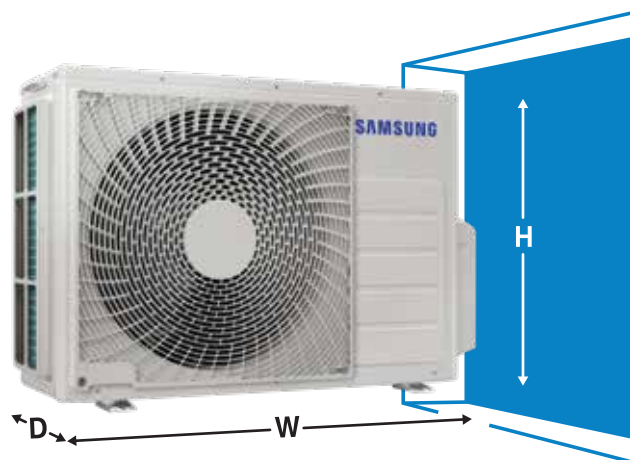


*Subject to eligibility, under the Climate-Friendly Households Programme by NEA and PUB. For Single Split applicable to 9K & 12K Btu only. For a full list of participating retailers, visit www.go.gov.sg/cfhp



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Installation & Maintenance



Refer to the net dimensions on the Specifications pages.

Easy to install and service

Our air conditioners are equipped with few screw points and a roller type bracket that makes installing the unit much easier, reducing installation time.

The lighter weight outdoor unit also makes it easier to carry and install.



Easy to troubleshoot

Errors can be easily checked via the LED panel on the air conditioner, which will display specific error codes.

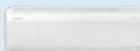
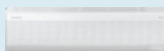
Lower noise level

Our outdoor units boast a low noise level of 49dB to ensure quiet operation with minimal disturbance to homes.

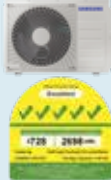
Single Split

INDOOR AND OUTDOOR UNITS		AR70F09D1JWNSP AR70F09D1JWXSP	AR70F12D1JWNSP AR70F12D1JWXSP	AR70F18D1JWNSP AR70F18D1JWXSP	AR70F24D1JWNSP AR70F24D1JWXSP
					
Capacity	Capacity (Cooling, Btu/hr)	9,000 Btu/hr	11,000 Btu/hr	18,100 Btu/hr	20,500 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	3,400 - 12,300 Btu/hr	3,400 - 14,300 Btu/hr	5,600 - 22,200 Btu/hr	5,500 - 27,300 Btu/hr
	Capacity (Cooling, kW)	2.64 kW	3.23 kW	5.30 kW	6.00 kW
	Capacity (Cooling, Min - Max, kW)	1 - 3.6 kW	1 - 4.2 kW	1.65 - 6.5 kW	1.6 - 8 kW
Energy Efficiency	EER (Cooling, W/W)	4.76 W/W	4.39 W/W	4.02 W/W	4.08 W/W
	EER (Cooling, Btu/hW)	16.23 Btu/hW	14.99 Btu/hW	13.70 Btu/hW	13.93 Btu/hW
	Energy Efficiency Class for cooling (Grade)	5 Tick	5 Tick	4 Tick	4 Tick
Noise Level	Noise Level (Indoor, High/Low, dBA)	36/21 dBA	37/21 dBA	42/25 dBA	47/30 dBA
	Noise Level (Outdoor, High/Low, dBA)	45 dBA	46 dBA	49 dBA	49 dBA
Electrical Data	Power Source (Φ/V/Hz)	1 / 220~240 / 50/60	1 / 220~240 / 50/60	1 / 220~240 / 50/60	1 / 220~240 / 50/60
	Power Consumption (Cooling, W)	555 W	735 W	1320 W	1470 W
	Operating Current (Cooling, A)	2.9 A	3.7 A	5.8 A	6.5 A
Physical Specification	Gross Dimension (Indoor, WxHxD mm)	950x290x375 mm	950x290x375 mm	1115x290x375 mm	1115x290x375 mm
	Gross Dimension (Outdoor, WxHxD mm)	913x622x371 mm	913x622x371 mm	1023x724x413 mm	1023x724x413 mm
	Net Dimension (Indoor, WxHxD mm)	889x299x215 mm	889x299x215 mm	1055x299x215 mm	1055x299x215 mm
	Net Dimension (Outdoor, WxHxD, mm)	790x548x285 mm	790x548x285 mm	880x638x310 mm	880x638x310 mm
	Gross Weight (Indoor, kg)	11.2 kg	11.2 kg	13.2 kg	14.1 kg
	Gross Weight (Outdoor, kg)	31.9 kg	31.9 kg	38 kg	41.9 kg
	Net Weight (Indoor, kg)	9.7 kg	9.7 kg	11.5 kg	12.5 kg
	Net Weight (Outdoor, kg)	29.8 kg	29.8 kg	35.2 kg	39.1 kg
Technical Information	Piping Length (Max, m)	20 m	20 m	30 m	30 m
	Piping Height (Max, m)	15 m	15 m	20 m	20 m
	SVC Valve (Liquid (ODxL))	6.35	6.35	6.35	6.35
	SVC Valve (Gas (ODxL))	9.52	9.52	12.7	15.88
	Moisture Removal (l/hr)	1.0 l/hr	1.3 l/hr	2.0 l/hr	2.2 l/hr
	Air Circulation (Cooling, m³/min)	11.6 m³/min	12.1 m³/min	17.3 m³/min	19.5 m³/min
	Refrigerant (Type)	R32	R32	R32	R32
	Refrigerant (Charging, kg)	0.67 kg	0.67 kg	0.875 kg	1.15 kg
	Refrigerant (Charging, tCO2e)	0.45 tCO2e	0.45 tCO2e	0.59 tCO2e	0.78 tCO2e
	Low Ambient (Cooling, °C)	16~46 °C	16~46 °C	16~46 °C	16~46 °C
	Outdoor Unit (Compressor Type)	BLDC	BLDC	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes	Yes	Yes

Multi Split Indoor Unit

INDOOR UNIT				AJ009DBAPKF/SP	AJ012DBAPKF/SP	AJ018DBAPKF/SP	AJ024DBAPKF/SP
							
Power Supply			Ø, #, V, Hz	1, 2, 220~240, 50/60	1, 2, 220~240, 50/60	1, 2, 220~240, 50/60	1, 2, 220~240, 50/60
Performance	Capacity	Cooling	kW	2.6	3.5	5.3	7.1
			Btu/h	9,000	12,000	18,000	24,200
Power	Power Input	Cooling	kW	0.040	0.040	0.050	0.065
	Current Input	Cooling	A	0.4	0.4	0.5	0.5
Heat Exchanger	Type		-	Fin & Tube			
	Fin Treatment		-	Green Hydrophile			
Fan	Type		-	Cross Flow			
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	10.7 / 9.6 / 8.5 / 7.1	11.5 / 10.4 / 8.9 / 7.4	13.8 / 13.3 / 12.3 / 11.4	18.3 / 16.1 / 13.8 / 12.3
			l/s	178 / 160 / 142 / 118	191 / 173 / 148 / 123	230 / 222 / 205 / 190	305 / 268 / 230 / 205
Fan Motor	Type		-	BLDC			
Piping Connection	Liquid Pipe		Type	Flare Connection			
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare Connection			
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)
	Drain Pipe		Φ, mm	16.3, 550	16.3, 550	16.3, 550	16.3, 550
Wiring Connection	Communication	Min.	mm²	0.75	0.75	0.75	0.75
		Remark	-	L, N, C	L, N, C	L, N, C	L, N, C
Refrigerant	Type		-	R32	R32	R32	R32
Sound	Sound Pressure Level	H/L	dB(A)	39/23	40/23	41/30	47/30
External Dimension	Net Weight		kg	10.5	10.5	11.6	11.6
	Net Dimensions (WxHxD)		mm	889 x 299 x 215	889 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215

Multi Split Outdoor Unit

OUTDOOR UNIT				System 2 AJ045DCJ2KF/SP 	System 3 AJ065DCJ3KF/SP 	System 4 AJ070DCJ4KF/SP 
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50/60	1, 2, 220~240, 50/60	1, 2, 220~240, 50/60
Performance	Capacity	Cooling	kW	4.5 (1.0~6.5)	6.5 (1.2~10.0)	6.9 (1.2~10.7)
			Btu/h	15,300	22,100	23,500
Power	Power Input	Cooling	kW	0.920	1.335	1.415
	Current Input	Cooling	A	4.30	6.20	6.50
Efficiency	EER	Cooling	W/W	4.89	4.87	4.88
Heat Exchanger	Type		-	Fin & Tube		
	Fin Treatment		-	Anti-salt		
Compressor	Type		-	Twin BLDC Rotary		
	Output		kW x n	4.09 x 1	5.80 x 1	5.80 x 1
	Oil	Type	-	ESTER OIL VG74	POE	POE
		Initial Charge	cc	350	570	570
Fan	Type		-	Propeller Fan		
	Discharge Direction		-	Front (Horizontal)		
	Air Flow Rate		m ³ /min	36.0	50.7	50.7
			l/s	600	845	845
Fan Motor	Type		-	BLDC		
Piping Connection	Liquid Pipe		Type	Flare Connection		
			Φ, mm x EA	6.35 x 2	6.35 x 3	6.35 x 4
			Φ, inch x EA	1/4 x 2	1/4 x 3	1/4 x 4
	Gas Pipe		Type	Flare Connection		
			Φ, mm x EA	9.52 x 2	9.52 x 3	9.52 x 3 + 12.70 x 1
			Φ, inch x EA	3/8 x 2	3/8 x 3	3/8 x 3 + 1/2 x 1
	Installation Limitation	Max Total Allowable Pipe Length	m	30	60	60
		Max Pipe Length (From Outdoor Unit to furthest Fan Coil Unit)	m	25	25	25
		Max Height (Outdoor Unit Pipe Connection Point to Indoor Unit Pipe Connection Point)	m	15	15	15
		Max Height between Indoor Units	m	7.5	7.5	7.5
Wiring Connection	Communication	Min.	mm ²	2.5	2.5	2.5
		Remark	-	L, N, C	L, N, C	L, N, C
Refrigerant	Type		-	R32	R32	R32
Sound	Sound Pressure		dB(A)	47	49	49
External Dimension	Net Weight		kg	33.0	49.5	50.0
	Net Dimensions (WxHxD)		mm	790(+60 [*])x548x285(+51 [*])	880(+110 [*])x638x310(+62 [*])	880(+110 [*])x638x310(+62 [*])
Operating Temp. Range	Cooling		°C	10.0 ~ 46.0	10.0 ~ 46.0	10.0 ~ 46.0

*Allowable dimensions for the foot mount and side panel.

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Combination Capacity

Combination Capacity Table (without current limit)

AJ045DCJ2KF

Unit	Indoor Index		Capacity of Each Indoor Unit		Total Capacity			Power Consumption			Current			EER
	A	B	kW		kW			kW			A			W/W
			A	B	MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
1	9		2.60		1.00	2.60	3.80	0.27	0.72	1.05	1.30	3.30	4.90	3.61
	12		3.50		1.00	3.50	4.30	0.27	1.04	1.30	1.30	4.80	6.00	3.37
	18		5.30		1.10	5.30	5.50	0.28	1.58	1.67	1.30	7.30	7.70	3.35
2	9	9	2.00	2.00	1.20	4.00	6.30	0.31	0.81	1.70	1.50	3.80	7.80	4.94
	9	12	1.76	2.34	1.20	4.10	6.40	0.31	0.82	1.71	1.50	3.80	7.90	5.00
	9	18	1.40	2.80	1.30	4.20	6.50	0.32	0.83	1.71	1.50	3.80	7.90	5.06
	12	12	2.05	2.05	1.40	4.10	6.40	0.31	0.82	1.71	1.50	3.80	7.90	5.00
	12	18	1.68	2.52	1.30	4.20	6.50	0.32	0.84	1.74	1.50	3.90	8.00	5.00
	18	18	2.25	2.25	1.40	4.50	6.50	0.33	0.92	1.76	1.60	4.30	8.10	4.89

AJ065DCJ3KF

Unit	Indoor Index			Capacity of Each Indoor Unit			Total Capacity			Power Consumption			Current			EER
	A	B	C	kW			kW			kW			A			W/W
				A	B	C	MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
1	9			2.60			1.20	2.60	3.80	0.41	0.74	1.08	1.90	3.40	5.00	3.51
	12			3.50			1.20	3.50	4.30	0.41	1.02	1.25	1.90	4.70	5.80	3.43
	18			5.30			1.30	5.30	5.50	0.42	1.58	1.70	2.00	7.30	7.80	3.35
	24			7.10			1.40	7.10	7.50	0.45	2.12	2.36	2.10	9.80	10.90	3.35
2	9	9		2.60	2.60		1.70	5.20	7.00	0.45	1.38	1.86	2.10	6.40	8.60	3.77
	9	12		2.61	3.49		1.70	6.10	7.20	0.45	1.76	2.08	2.10	8.10	9.60	3.47
	9	18		2.17	4.33		1.70	6.50	7.60	0.46	1.90	2.22	2.20	8.70	10.20	3.42
	9	24		1.77	4.73		1.70	6.50	8.00	0.49	1.87	2.30	2.30	8.60	10.60	3.48
	12	12		3.25	3.25		1.70	6.50	7.40	0.45	1.94	2.30	2.10	8.90	10.60	3.35
	12	18		2.60	3.90		1.70	6.50	7.70	0.46	1.94	2.30	2.20	8.90	10.60	3.35
	12	24		2.17	4.33		1.70	6.50	8.30	0.49	1.94	3.23	2.30	8.90	14.80	3.35
	18	18		3.25	3.25		1.70	6.50	8.30	0.47	1.85	3.23	2.20	8.50	14.80	3.51
	18	24		2.79	3.71		1.70	6.50	8.90	0.50	1.94	3.23	2.30	8.90	14.80	3.35
3	9	9	9	2.16	2.17	2.17	2.20	6.50	8.80	0.49	1.33	2.32	2.30	6.10	10.70	4.89
	9	9	12	1.95	1.95	2.60	2.20	6.50	8.80	0.49	1.33	2.35	2.30	6.10	10.80	4.89
	9	9	18	1.63	1.63	3.24	2.20	6.50	8.90	0.50	1.33	2.40	2.30	6.10	11.00	4.89
	9	9	24	1.39	1.39	3.72	2.20	6.50	10.00	0.53	1.33	3.15	2.50	6.10	14.50	4.89
	9	12	12	1.78	2.36	2.36	2.20	6.50	8.80	0.49	1.33	2.38	2.30	6.10	10.90	4.89
	9	12	18	1.50	2.00	3.00	2.20	6.50	10.00	0.50	1.33	3.15	2.30	6.10	14.50	4.89
	9	12	24	1.30	1.73	3.47	2.20	6.50	10.00	0.53	1.33	3.15	2.50	6.10	14.50	4.89
	9	18	18	1.30	2.60	2.60	2.20	6.50	10.00	0.51	1.34	3.15	2.40	6.20	14.50	4.87
	9	18	24	1.15	2.29	3.06	2.20	6.50	10.00	0.54	1.34	3.15	2.50	6.20	14.50	4.87
	12	12	12	2.16	2.17	2.17	2.20	6.50	8.90	0.49	1.33	2.40	2.30	6.10	11.00	4.89
	12	12	18	1.86	1.86	2.78	2.20	6.50	10.00	0.50	1.33	3.15	2.30	6.10	14.50	4.89
	12	12	24	1.63	1.63	3.24	2.20	6.50	10.00	0.53	1.33	3.15	2.50	6.10	14.50	4.89
	12	18	18	1.62	2.44	2.44	2.20	6.50	10.00	0.51	1.34	3.15	2.40	6.20	14.50	4.87
	12	18	24	1.44	2.17	2.89	2.20	6.50	10.00	0.54	1.34	3.15	2.50	6.20	14.50	4.87
	18	18	18	2.16	2.17	2.17	2.20	6.50	10.00	0.52	1.34	3.15	2.40	6.20	14.50	4.87
	18	18	24	1.95	1.95	2.60	2.20	6.50	10.00	0.55	1.34	3.15	2.60	6.20	14.50	4.87

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units. - AJ***DBAPKF: Wind Free Wall-Mounted
- A minimum of 2 indoor units, must be installed for System 2-4.
- Power consumption includes indoor unit power.

Combination Capacity Table (without current limit)

AJ070DCJ4KF

Unit	Indoor Index				Capacity of Each Indoor Unit				Total Capacity			Power Consumption			Current			EER
	A	B	C	D	kW				kW			kW			A			W/W
					A	B	C	D	MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
1	9				2.60				1.20	2.60	3.80	0.41	0.74	1.08	1.90	3.40	5.00	3.51
	12				3.50				1.20	3.50	4.30	0.41	1.02	1.25	1.90	4.70	5.80	3.43
	18				5.30				1.30	5.30	5.50	0.42	1.58	1.70	2.00	7.30	7.80	3.35
	24				7.10				1.40	7.10	7.50	0.45	2.12	2.36	2.10	9.80	10.90	3.35
2	9	9			2.60	2.60			1.70	5.20	7.00	0.45	1.38	1.86	2.10	6.40	8.60	3.77
	9	12			2.61	3.49			1.70	6.10	7.20	0.45	1.76	2.08	2.10	8.10	9.60	3.47
	9	18			2.17	4.33			1.70	6.50	7.60	0.46	1.90	2.22	2.20	8.70	10.20	3.42
	9	24			1.77	4.73			1.70	6.50	8.00	0.49	1.87	2.30	2.30	8.60	10.60	3.48
	12	12			3.25	3.25			1.70	6.50	7.40	0.45	1.94	2.30	2.10	8.90	10.60	3.35
	12	18			2.60	3.90			1.70	6.50	7.70	0.46	1.94	2.30	2.20	8.90	10.60	3.35
	12	24			2.17	4.33			1.70	6.50	8.30	0.49	1.94	3.23	2.30	8.90	14.80	3.35
	18	18			3.25	3.25			1.70	6.50	8.30	0.47	1.85	3.23	2.20	8.50	14.80	3.51
	18	24			2.79	3.71			1.70	6.50	8.90	0.50	1.94	3.23	2.30	8.90	14.80	3.35
	24	24			3.25	3.25			1.70	6.50	8.90	0.53	1.94	3.23	2.50	8.90	14.80	3.35
3	9	9	9		2.16	2.17	2.17		2.20	6.50	8.80	0.49	1.33	2.32	2.30	6.10	10.70	4.89
	9	9	12		1.95	1.95	2.60		2.20	6.50	8.80	0.49	1.33	2.35	2.30	6.10	10.80	4.89
	9	9	18		1.63	1.63	3.24		2.20	6.50	8.90	0.50	1.33	2.40	2.30	6.10	11.00	4.89
	9	9	24		1.39	1.39	3.72		2.20	6.50	10.00	0.53	1.33	3.15	2.50	6.10	14.50	4.89
	9	12	12		1.78	2.36	2.36		2.20	6.50	8.80	0.49	1.33	2.38	2.30	6.10	10.90	4.89
	9	12	18		1.50	2.00	3.00		2.20	6.50	10.00	0.50	1.33	3.15	2.30	6.10	14.50	4.89
	9	12	24		1.30	1.73	3.47		2.20	6.50	10.00	0.53	1.33	3.15	2.50	6.10	14.50	4.89
	9	18	18		1.30	2.60	2.60		2.20	6.50	10.00	0.51	1.34	3.15	2.40	6.20	14.50	4.87
	9	18	24		1.15	2.29	3.06		2.20	6.50	10.00	0.54	1.34	3.15	2.50	6.20	14.50	4.87
	9	24	24		1.02	2.74	2.74		2.20	6.50	10.00	0.57	1.34	3.15	2.70	6.20	14.50	4.87
	12	12	12		2.16	2.17	2.17		2.20	6.50	8.90	0.49	1.33	2.40	2.30	6.10	11.00	4.89
	12	12	18		1.86	1.86	2.78		2.20	6.50	10.00	0.50	1.33	3.15	2.30	6.10	14.50	4.89
	12	12	24		1.63	1.63	3.24		2.20	6.50	10.00	0.53	1.33	3.15	2.50	6.10	14.50	4.89
	12	18	18		1.62	2.44	2.44		2.20	6.50	10.00	0.51	1.34	3.15	2.40	6.20	14.50	4.87
	12	18	24		1.44	2.17	2.89		2.20	6.50	10.00	0.54	1.34	3.15	2.50	6.20	14.50	4.87
	12	24	24		1.30	2.60	2.60		2.20	6.50	10.00	0.57	1.34	3.15	2.70	6.20	14.50	4.87
	18	18	18		2.16	2.17	2.17		2.20	6.50	10.00	0.52	1.34	3.15	2.40	6.20	14.50	4.87
	18	18	24		1.95	1.95	2.60		2.20	6.50	10.00	0.55	1.34	3.15	2.60	6.20	14.50	4.87
	18	24	24		1.78	2.36	2.36		2.20	6.50	10.00	0.58	1.34	3.15	2.70	6.20	14.50	4.87
4	9	9	9	9	1.62	1.63	1.62	1.63	2.20	6.50	8.90	0.52	1.32	2.50	2.40	6.10	11.50	4.92
	9	9	9	12	1.59	1.59	1.59	2.13	2.20	6.90	10.70	0.52	1.40	3.20	2.40	6.50	14.70	4.93
	9	9	9	18	1.38	1.38	1.38	2.76	2.20	6.90	10.70	0.53	1.41	3.20	2.50	6.50	14.70	4.89
	9	9	9	24	1.22	1.22	1.22	3.24	2.20	6.90	10.70	0.56	1.41	3.20	2.60	6.50	14.70	4.89
	9	9	12	12	1.48	1.48	1.97	1.97	2.20	6.90	10.70	0.52	1.40	3.20	2.40	6.50	14.70	4.93
	9	9	12	18	1.29	1.29	1.73	2.59	2.20	6.90	10.70	0.53	1.41	3.20	2.50	6.50	14.70	4.89
	9	9	12	24	1.15	1.15	1.53	3.07	2.20	6.90	10.70	0.56	1.41	3.20	2.60	6.50	14.70	4.89
	9	9	18	18	1.15	1.15	2.30	2.30	2.20	6.90	10.70	0.54	1.42	3.20	2.50	6.50	14.70	4.88
	9	9	18	24	1.04	1.04	2.07	2.75	2.20	6.90	10.70	0.57	1.42	3.20	2.70	6.50	14.70	4.88
	9	9	24	24	0.94	0.94	2.51	2.51	2.20	6.90	10.70	0.60	1.42	3.20	2.80	6.50	14.70	4.88
	9	12	12	12	1.38	1.84	1.84	1.84	2.20	6.90	10.70	0.52	1.40	3.20	2.40	6.50	14.70	4.93
	9	12	12	18	1.22	1.62	1.62	2.44	2.20	6.90	10.70	0.53	1.41	3.20	2.50	6.50	14.70	4.89
	9	12	12	24	1.09	1.45	1.45	2.91	2.20	6.90	10.70	0.56	1.41	3.20	2.60	6.50	14.70	4.89
	9	12	18	18	1.09	1.45	2.18	2.18	2.20	6.90	10.70	0.54	1.42	3.20	2.50	6.50	14.70	4.88
	9	12	18	24	0.99	1.31	1.97	2.63	2.20	6.90	10.70	0.57	1.42	3.20	2.70	6.50	14.70	4.88
	9	12	24	24	0.90	1.20	2.40	2.40	2.20	6.90	10.70	0.60	1.42	3.20	2.80	6.50	14.70	4.88
	9	18	18	18	0.99	1.97	1.97	1.97	2.20	6.90	10.70	0.55	1.42	3.20	2.60	6.50	14.70	4.88
	9	18	18	24	0.90	1.80	1.80	2.40	2.20	6.90	10.70	0.58	1.42	3.20	2.70	6.50	14.70	4.88
	12	12	12	12	1.72	1.73	1.72	1.73	2.20	6.90	10.70	0.52	1.40	3.20	2.40	6.50	14.70	4.93
	12	12	12	18	1.53	1.53	1.53	2.31	2.20	6.90	10.70	0.53	1.41	3.20	2.50	6.50	14.70	4.89
	12	12	12	24	1.38	1.38	1.38	2.76	2.20	6.90	10.70	0.56	1.41	3.20	2.60	6.50	14.70	4.89
	12	12	18	18	1.38	1.38	2.07	2.07	2.20	6.90	10.70	0.54	1.42	3.20	2.50	6.50	14.70	4.88
	12	12	18	24	1.25	1.25	1.89	2.51	2.20	6.90	10.70	0.57	1.42	3.20	2.70	6.50	14.70	4.88
	12	12	24	24	1.15	1.15	2.30	2.30	2.20	6.90	10.70	0.60	1.42	3.20	2.80	6.50	14.70	4.88
	12	18	18	18	1.26	1.88	1.88	1.88	2.20	6.90	10.70	0.55	1.42	3.20	2.60	6.50	14.70	4.88
	12	18	18	24	1.15	1.73	1.73	2.29	2.20	6.90	10.70	0.58	1.42	3.20	2.70	6.50	14.70	4.88

1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
 2. The above is the value for connecting with the following indoor units. - AJ***DBAPKF: Wind Free Wall-Mounted
 3. A minimum of 2 indoor units, must be installed for System 2-4.
 4. Power consumption includes indoor unit power.

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Combination Capacity

Combination Capacity Table (8.5A)

AJ065DCJ3KF

Unit	Indoor Index			Capacity of Each Indoor Unit			Total Capacity			Power Consumption			Current		
	A	B	C	kW			kW			kW			A		
				A	B	C	MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX
1	9			2.60			1.20	2.60	3.80	0.41	0.74	1.08	1.90	3.40	5.00
	12			3.50			1.20	3.50	4.30	0.41	1.02	1.25	1.90	4.70	5.80
	18			5.30			1.30	5.30	5.50	0.42	1.58	1.70	2.00	7.30	7.80
	24			6.20			1.40	6.20	6.20	0.45	1.83	1.83	2.10	8.40	8.40
2	9	9		2.60	2.60		1.70	5.20	6.20	0.45	1.38	1.83	2.10	6.40	8.40
	9	12		2.61	3.49		1.70	6.10	6.20	0.45	1.76	1.83	2.10	8.10	8.40
	9	18		2.10	4.20		1.70	6.30	6.30	0.46	1.83	1.83	2.20	8.40	8.40
	9	24		1.75	4.65		1.70	6.40	6.40	0.49	1.83	1.83	2.30	8.40	8.40
	12	12		3.10	3.10		1.70	6.20	6.20	0.45	1.83	1.83	2.10	8.40	8.40
	12	18		2.52	3.78		1.70	6.30	6.30	0.46	1.83	1.83	2.20	8.40	8.40
	12	24		2.13	4.27		1.70	6.40	6.40	0.49	1.83	1.83	2.30	8.40	8.40
	18	18		3.20	3.20		1.70	6.40	6.40	0.47	1.83	1.83	2.20	8.40	8.40
	18	24		2.74	3.66		1.70	6.40	6.40	0.50	1.83	1.83	2.30	8.40	8.40
3	9	9	9	2.16	2.17	2.17	2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
	9	9	12	1.95	1.95	2.60	2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
	9	9	18	1.63	1.63	3.24	2.20	6.50	7.30	0.50	1.33	1.83	2.30	6.10	8.40
	9	9	24	1.39	1.39	3.72	2.20	6.50	7.30	0.53	1.33	1.83	2.50	6.10	8.40
	9	12	12	1.78	2.36	2.36	2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
	9	12	18	1.50	2.00	3.00	2.20	6.50	7.30	0.50	1.33	1.83	2.30	6.10	8.40
	9	12	24	1.30	1.73	3.47	2.20	6.50	7.30	0.53	1.33	1.83	2.50	6.10	8.40
	9	18	18	1.30	2.60	2.60	2.20	6.50	7.30	0.51	1.34	1.83	2.40	6.20	8.40
	9	18	24	1.15	2.29	3.06	2.20	6.50	7.30	0.54	1.34	1.83	2.50	6.20	8.40
	12	12	12	2.16	2.17	2.17	2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
	12	12	18	1.86	1.86	2.78	2.20	6.50	7.30	0.50	1.33	1.83	2.30	6.10	8.40
	12	12	24	1.63	1.63	3.24	2.20	6.50	7.30	0.53	1.33	1.83	2.50	6.10	8.40
	12	18	18	1.62	2.44	2.44	2.20	6.50	7.30	0.51	1.34	1.83	2.40	6.20	8.40
	12	18	24	1.44	2.17	2.89	2.20	6.50	7.30	0.54	1.34	1.83	2.50	6.20	8.40
	18	18	18	2.16	2.17	2.17	2.20	6.50	7.30	0.52	1.34	1.83	2.40	6.20	8.40
	18	18	24	1.95	1.95	2.60	2.20	6.50	7.30	0.55	1.34	1.83	2.60	6.20	8.40

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units. - AJ***DBAPKF: Wind Free Wall-Mounted
- A minimum of 2 indoor units, must be installed for System 2-4.
- Power consumption includes indoor unit power.

Combination Capacity Table (8.5A)

AJ070DCJ4KF

Unit	Indoor Index				Capacity of Each Indoor Unit				Total Capacity			Power Consumption			Current		
	A	B	C	D	kW				kW			kW			A		
					A	B	C	D	MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX
1	9				2.60				1.20	2.60	3.80	0.41	0.74	1.08	1.90	3.40	5.00
	12				3.50				1.20	3.50	4.30	0.41	1.02	1.25	1.90	4.70	5.80
	18				5.30				1.30	5.30	5.50	0.42	1.58	1.70	2.00	7.30	7.80
	24				6.20				1.40	6.20	6.20	0.45	1.83	1.83	2.10	8.40	8.40
2	9	9			2.60	2.60			1.70	5.20	6.20	0.45	1.38	1.83	2.10	6.40	8.40
	9	12			2.61	3.49			1.70	6.10	6.20	0.45	1.76	1.83	2.10	8.10	8.40
	9	18			2.10	4.20			1.70	6.30	6.30	0.46	1.83	1.83	2.20	8.40	8.40
	9	24			1.72	4.58			1.70	6.30	6.30	0.49	1.83	1.83	2.30	8.40	8.40
	12	12			3.10	3.10			1.70	6.20	6.20	0.45	1.83	1.83	2.10	8.40	8.40
	12	18			2.52	3.78			1.70	6.30	6.30	0.46	1.83	1.83	2.20	8.40	8.40
	12	24			2.10	4.20			1.70	6.30	6.30	0.49	1.83	1.83	2.30	8.40	8.40
	18	18			3.20	3.20			1.70	6.40	6.40	0.47	1.83	1.83	2.20	8.40	8.40
	18	24			2.74	3.66			1.70	6.40	6.40	0.50	1.83	1.83	2.30	8.40	8.40
	24	24			3.20	3.20			1.70	6.40	6.40	0.53	1.83	1.83	2.50	8.40	8.40
	9	9	9		2.16	2.17	2.17		2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
	9	9	12		1.95	1.95	2.60		2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
3	9	9	18		1.63	1.63	3.24		2.20	6.50	7.30	0.50	1.33	1.83	2.30	6.10	8.40
	9	9	24		1.39	1.39	3.72		2.20	6.50	7.30	0.53	1.33	1.83	2.50	6.10	8.40
	9	12	12		1.78	2.36	2.36		2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
	9	12	18		1.50	2.00	3.00		2.20	6.50	7.30	0.50	1.33	1.83	2.30	6.10	8.40
	9	12	24		1.30	1.73	3.47		2.20	6.50	7.30	0.53	1.33	1.83	2.50	6.10	8.40
	9	18	18		1.30	2.60	2.60		2.20	6.50	7.30	0.51	1.34	1.83	2.40	6.20	8.40
	9	18	24		1.15	2.29	3.06		2.20	6.50	7.30	0.54	1.34	1.83	2.50	6.20	8.40
	9	24	24		1.02	2.74	2.74		2.20	6.50	7.30	0.57	1.34	1.83	2.70	6.20	8.40
	12	12	12		2.16	2.17	2.17		2.20	6.50	7.20	0.49	1.33	1.83	2.30	6.10	8.40
	12	12	18		1.86	1.86	2.78		2.20	6.50	7.30	0.50	1.33	1.83	2.30	6.10	8.40
	12	12	24		1.63	1.63	3.24		2.20	6.50	7.30	0.53	1.33	1.83	2.50	6.10	8.40
	12	18	18		1.62	2.44	2.44		2.20	6.50	7.30	0.51	1.34	1.83	2.40	6.20	8.40
	12	18	24		1.44	2.17	2.89		2.20	6.50	7.30	0.54	1.34	1.83	2.50	6.20	8.40
	12	24	24		1.30	2.60	2.60		2.20	6.50	7.30	0.57	1.34	1.83	2.70	6.20	8.40
	18	18	18		2.16	2.17	2.17		2.20	6.50	7.30	0.52	1.34	1.83	2.40	6.20	8.40
	18	18	24		1.95	1.95	2.60		2.20	6.50	7.30	0.55	1.34	1.83	2.60	6.20	8.40
	18	24	24		1.78	2.36	2.36		2.20	6.50	7.30	0.58	1.34	1.83	2.70	6.20	8.40
4	9	9	9	9	1.62	1.63	1.62	1.63	2.20	6.50	7.30	0.52	1.32	1.83	2.40	6.10	8.40
	9	9	9	12	1.59	1.59	1.59	2.13	2.20	6.90	7.30	0.52	1.40	1.83	2.40	6.50	8.40
	9	9	9	18	1.38	1.38	1.38	2.76	2.20	6.90	7.40	0.53	1.41	1.83	2.50	6.50	8.40
	9	9	9	24	1.22	1.22	1.22	3.24	2.20	6.90	7.40	0.56	1.41	1.83	2.60	6.50	8.40
	9	9	12	12	1.48	1.48	1.97	1.97	2.20	6.90	7.30	0.52	1.40	1.83	2.40	6.50	8.40
	9	9	12	18	1.29	1.29	1.73	2.59	2.20	6.90	7.40	0.53	1.41	1.83	2.50	6.50	8.40
	9	9	12	24	1.15	1.15	1.53	3.07	2.20	6.90	7.40	0.56	1.41	1.83	2.60	6.50	8.40
	9	9	18	18	1.15	1.15	2.30	2.30	2.20	6.90	7.40	0.54	1.42	1.83	2.50	6.50	8.40
	9	9	18	24	1.04	1.04	2.07	2.75	2.20	6.90	7.40	0.57	1.42	1.83	2.70	6.50	8.40
	9	9	24	24	0.94	0.94	2.51	2.51	2.20	6.90	7.40	0.60	1.42	1.83	2.80	6.50	8.40
	9	12	12	12	1.38	1.84	1.84	1.84	2.20	6.90	7.30	0.52	1.40	1.83	2.40	6.50	8.40
	9	12	12	18	1.22	1.62	1.62	2.44	2.20	6.90	7.40	0.53	1.41	1.83	2.50	6.50	8.40
	9	12	12	24	1.09	1.45	1.45	2.91	2.20	6.90	7.40	0.56	1.41	1.83	2.60	6.50	8.40
	9	12	18	18	1.09	1.45	2.18	2.18	2.20	6.90	7.40	0.54	1.42	1.83	2.50	6.50	8.40
	9	12	18	24	0.99	1.31	1.97	2.63	2.20	6.90	7.40	0.57	1.42	1.83	2.70	6.50	8.40
	9	12	24	24	0.90	1.20	2.40	2.40	2.20	6.90	7.40	0.60	1.42	1.83	2.80	6.50	8.40
	9	18	18	18	0.99	1.97	1.97	1.97	2.20	6.90	7.40	0.55	1.42	1.83	2.60	6.50	8.40
	9	18	18	24	0.90	1.80	1.80	2.40	2.20	6.90	7.40	0.58	1.42	1.83	2.70	6.50	8.40
	12	12	12	12	1.72	1.73	1.72	1.73	2.20	6.90	7.30	0.52	1.40	1.83	2.40	6.50	8.40
	12	12	12	18	1.53	1.53	1.53	2.31	2.20	6.90	7.40	0.53	1.41	1.83	2.50	6.50	8.40
	12	12	12	24	1.38	1.38	1.38	2.76	2.20	6.90	7.40	0.56	1.41	1.83	2.60	6.50	8.40
	12	12	18	18	1.38	1.38	2.07	2.07	2.20	6.90	7.40	0.54	1.42	1.83	2.50	6.50	8.40
	12	12	18	24	1.25	1.25	1.89	2.51	2.20	6.90	7.40	0.57	1.42	1.83	2.70	6.50	8.40
	12	12	24	24	1.15	1.15	2.30	2.30	2.20	6.90	7.40	0.60	1.42	1.83	2.80	6.50	8.40
	12	18	18	18	1.26	1.88	1.88	1.88	2.20	6.90	7.40	0.55	1.42	1.83	2.60	6.50	8.40
	12	18	18	24	1.15	1.73	1.73	2.29	2.20	6.90	7.40	0.58	1.42	1.83	2.70	6.50	8.40

1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2. The above is the value for connecting with the following indoor units. - AJ***DBAPKF: Wind Free Wall-Mounted

3. A minimum of 2 indoor units, must be installed for System 2-4.

4. Power consumption includes indoor unit power.



Samsung Customer Care Hotline

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