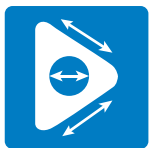# Samsung AR5000
Wi-Fi Air Conditioners

The Triangle. Samsung's Ultimate Cooling Design.

SAMSUNG

COOLS FAST, FAR AND WIDE*

The Samsung AR5000 Air Conditioner has been designed to be efficient. It's triangular design has a wide inlet, to help maximise air in and maximise air out, providing powerful cooling performance. The width and angle of its outlet, extra v-blades and a bigger fan also helps ensure that air is expelled fast, far and wide. Effectively cooling your home.

*Tested on AR09FSSSCWK1 model. Compared with previous Samsung model AQV09TWS.
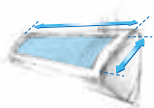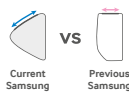
Maximise Air In

Powerful Air Flow

Maximise Air Out

	1 **Maximise Air In*** Wide Inlet				2 **Powerful Air Flow*** Big Fan				3 **Maximise Air Out*** Wide Outlet		
		Current Samsung	vs	Previous Samsung		Current Samsung	vs	Previous Samsung		Current Samsung	vs	Previous Samsung
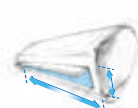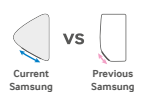
*Tested on AR09FSSSCWK1 model. Compared with previous Samsung model AQV09TWS.

Fast*

We've designed our latest range to be fast, powerful and efficient for you and your space.

Far*

Our triangular design helps to ensure optimal air flow. Air flow reaches up to 14 metres for an even cooling.

Previous Samsung

Triangle Design

11m

65 mm

89 mm

14m
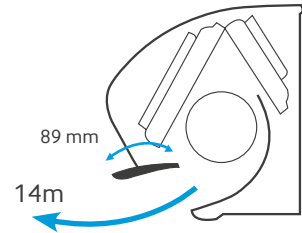
Wide*

The width and angle of the AR5000 outlet helps to ensure that air is distributed evenly into your room, to help minimalise blind spots.

Previous Samsung

Triangle Design

90°   0°   0°   90°

90°   0°   0°   90°

15°   15°

30°   30°

— The space in blue is where the cool air reaches.
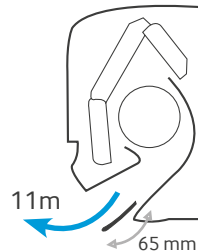
*Tested on AR09FSSSCWK1 model. Compared with previous Samsung model AQV09TWS.

SMART WI-FI

Control From Practically Anywhere.*

Use the Samsung Smart Air Conditioner app to connect to your Air Conditioner from a compatible smartphone or tablet.

Smart Functions.

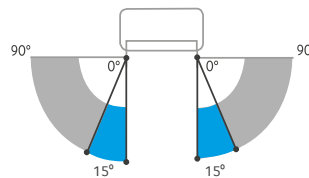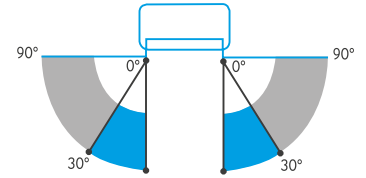Your Air Conditioner helps keep you informed.

Smart Service
Your Air Conditioner can text you when there is an error.

Smart Monitor
This useful app* helps monitor your unit's energy usage and tells you when it's time to clean the filter.

Smart Control
Adjust the temperature of your room from virtually anywhere with your compatible smart device.*

Devices sold separately.

SCAN TO DOWNLOAD THE APP

Google Play   Apple iTunes

*Application must be downloaded from Samsung Apps or by following the prompts from the QR Code. Internet connection required. Data, subscription and other charges may apply. Usage may be subject to third party service provider agreements.

EASY FILTER

Smart. Simple. Clean.

Regular cleaning helps to keep
Air Conditioners performing at their best.
That's why we placed the EZ Filter outside
the unit to help make it easy to access,
remove and clean.

Did you know?

The 'HD Filtration with Ioniser' helps to
reduce dust levels in the air.

Other Features.

FAST HEATING & COOLING

Cool down or heat up fast.

WHOLE-ROOM COMFORT

Set 'Auto Mode' to your desired temperature and enjoy the consistent whole-room comfort.

AUTO CLEAN

Automatic self cleaning of the indoor coil after every use.

FAN MODE

Switch to 'Fan Mode'. Your Air Conditioner will use its fan to keep air flowing and feeling fresh.

LASTS FOR A LONG TIME

A corrosion resistant finish helps minimalise gradual damage to your Air Conditioner.

ENJOY QUIET TIME

Use 'Quiet Mode' to turn your Air Conditioner's volume down.

COMFORTABLE COOLING

Helps to spread air evenly and dehumidify when necessary. An upwards blade helps to distribute cool air so you cool down comfortably.

PROGRAM YOUR TIMER

You decide when your Air Conditioner turns on and off with 'Real Time Timer'.

SLEEP SOUNDLY

'Good Sleep II Mode' may help you sleep better. Your Air Conditioner automatically adjusts temperature to help create a comfortable environment.

MINIMISE DUST

The 'HD Filtration with Ioniser' helps to minimalise dust levels in the air.

Samsung AR5000
Specifications

			F-AR09FSSSCWK1	F-AR12FSSSCWK1	F-AR18FSSSCWK1	F-AR24FSSSCWK1	F-AR30FSSSBWK1
	Samsung AR5000 Model Code		F-AR09FSSSCWK1	F-AR12FSSSCWK1	F-AR18FSSSCWK1	F-AR24FSSSCWK1	F-AR30FSSSBWK1
	Samsung AR5000 Indoor Code		AR09FSSSCWKNSA	AR12FSSSCWKNSA	AR18FSSSCWKNSA	AR24FSSSCWKNSA	AR30FSSSBWKNSA
	Samsung AR5000 Outdoor Code		AR09FSSSCWKXSA	AR12FSSSCWKXSA	AR18FSSSCWKXSA	AR24FSSSCWKXSA	AR30FSSSBWKXSA
PERFORMANCE	Capacity	Cooling	2.5 kW / 0.99 kW (min) / 3.20 kW (max)	3.5 kW / 0.99 kW (min) / 4.00 kW (max)	5.0 kW / 1.60 kW (min) / 7.00 kW (max)	7.0 kW / 2.20 kW (min) / 8.00 kW (max)	8.0 kW / 2.60 kW (min) / 9.30 kW (max)
		Heating	3.2 kW / 0.99 kW (min) / 5.20 kW (max)	4.0 kW / 0.99 kW (min) / 6.0 kW (max)	6.0 kW / 1.20 kW (min) / 8.00 kW (max)	8.0 kW / 1.90 kW (min) / 10.00 kW (max)	9.0 kW / 2.20 kW (min) / 12.00 kW (max)
	Energy Efficiency Rating	Cooling	4.90 AEER (W/W)	4.27 AEER (W/W)	4.07 AEER (W/W)	3.38 AEER (W/W)	3.39 AEER (W/W)
		Heating	4.92 ACOP (W/W)	4.44 ACOP (W/W)	4.08 ACOP (W/W)	3.39 ACOP (W/W)	3.38 ACOP (W/W)
	Star Rating	Cooling	5.0 STARS	3.5 STARS	3.0 STARS	2.0 STARS	2.0 STARS
		Heating	5.0 STARS	4.0 STARS	3.0 STARS	2.0 STARS	2.0 STARS
	Moisture Removal		1.0 Lit/Hr	1.5 Lit/Hr	2.0 Lit/Hr	2.5 Lit/Hr	3.5 Lit/Hr
	Air Circulation (Max)		204 Lit/Sec	243 Lit/Sec	319 Lit/Sec	362 Lit/Sec	372 Lit/Sec
	Sound Pressure Levels	Indoor High	35 dBA	37 dBA	38 dBA	42 dBA	44 dBA
		Indoor Low	25 dBA	26 dBA	30 dBA	34 dBA	36 dBA
		Indoor Quiet Mode	20 dBA	20 dBA	25 dBA	27 dBA	30 dBA
		Outdoor High	45 dBA	46 dBA	51 dBA	53 dBA	57 dBA
	Sound Power Levels	Outdoor High	62 dBA	64 dBA	68 dBA	70 dBA	71 dBA
ELECTRICAL DATA	Power Source		220 ~ 240V / 50 Hz / 1 Ph (mains power to outdoor unit)				
	Required Circuit Size		10 Amps	10 Amps	20 Amps	20 Amps	25 Amps
	Power Consumption (Rated)	Cooling	500 W	810 W	1220 W	2060 W	2350 W
		Heating	640 W	890 W	1460 W	2350 W	2650 W
	Operating Current (Rated)	Cooling	2.5 Amps	3.8 Amps	5.5 Amps	9.7 Amps	11.4 Amps
		Heating	3.0 Amps	4.1 Amps	6.8 Amps	11.1 Amps	12.4 Amps
DIMENSION & WEIGHT	Dimension (W x D x H)	Indoor	896 x 275 x 260 mm	896 x 275 x 260 mm	1063 x 317 x 294 mm	1063 x 317 x 294 mm	1063 x 317 x 294 mm
		Outdoor	790 x 281 x 547 mm	790 x 281 x 547 mm	880 x 310 x 793 mm	880 x 310 x 793 mm	935 x 375 x 1128 mm
	Weight	Indoor	10.4 kg	10.4 kg	14.1 kg	14.1 kg	14.1 kg
		Outdoor	32.0 kg	32.0 kg	52.4 kg	52.4 kg	82.0 kg

		F-AR09FSSSCWK1	F-AR12FSSSCWK1	F-AR18FSSSCWK1	F-AR24FSSSCWK1	F-AR30FSSSBWK1
Samsung AR5000 Model Code		F-AR09FSSSCWK1	F-AR12FSSSCWK1	F-AR18FSSSCWK1	F-AR24FSSSCWK1	F-AR30FSSSBWK1
Samsung AR5000 Indoor Code		AR09FSSSCWKNSA	AR12FSSSCWKNSA	AR18FSSSCWKNSA	AR24FSSSCWKNSA	AR30FSSSBWKNSA
Samsung AR5000 Outdoor Code		AR09FSSSCWKXSA	AR12FSSSCWKXSA	AR18FSSSCWKXSA	AR24FSSSCWKXSA	AR30FSSSBWKXSA

TECHNICAL INFORMATION

		F-AR09FSSSCWK1	F-AR12FSSSCWK1	F-AR18FSSSCWK1	F-AR24FSSSCWK1	F-AR30FSSSBWK1
Piping Size	Liquid	Φ6.35 mm (OD)	Φ6.35mm (OD)	Φ6.35mm (OD)	Φ6.35mm (OD)	Φ6.35mm (OD)
	Gas	Φ9.52mm (OD)	Φ9.52mm (OD)	Φ12.7mm (OD)	Φ15.88mm (OD)	Φ15.88mm (OD)
Piping Length	Pre Charged	7.5 m	7.5 m	7.5 m	7.5 m	7.5 m
	Min	3 m	3 m	3 m	3 m	3 m
	Max	15 m	15 m	30 m	30 m	30 m
Piping Height	Max	8 m	8 m	15 m	15 m	15 m
Operating Range	Cooling	-10 ~ 46 °C				
	Heating	-15 ~ 24 °C				
Refrigerant Type		R410A				

FEATURES

Operating Mode	Fast Mode	✔
	Comfort Mode	✔
	2 Step Cooling (Fast + Comfort)	✔
	Single User Mode	✔
	D'light Cool	✔
	Good Sleep	✔
	Dehumidification	✔
	Auto Mode	✔
	Fan Mode	✔
	Quiet Mode	✔
Outdoor Unit	Anti-Corrosion Fin	✔
Airflow	Air Direction Control (Up/Down)	Auto
	Air Direction Control (Left/Right)	Auto
	Air Flow Speeds (Cool/Fan)	4 / 3
Air Purification	S-Plasma Ioniser	✔
	Full HD Filter	HD60
	Auto Clean (Indoor Coil)	✔

FEATURES

Convenience	Wi-Fi Enabled	✔
	Smart Check	✔
	Smart Service	✔
	Remote Controller	✔
	Real Time Timer	✔
	Auto Changeover	✔
	Auto Restart	✔
	DRED Enabled (DRM1, 2 & 3)	✔

KEY

Abbreviation	Meaning	Abbreviation	Meaning
kW	Kilowatts	Lit / hr.	Litres Per Hour
AEER	Annualised Energy Efficiency Ratio	ACOP	Annualised Co-efficient Of Performance
dBA	A-weighted Decibels	W	Watt (s)
Amps	Ampere	Kg	Kilograms
mm	Millimetre (s)	m	Metre (s)
OD	Outside Diameter		

10 YEAR COMPRESSOR PARTS WARRANTY*

We Stand By Our Product.

Stay rest assured you are buying a quality Air Conditioner. The Samsung AR5000 Air Conditioner comes with a 5 year warranty on all parts and labour, and a 10 year warranty for the unit compressor.

Any questions on our warranty or want to see our full terms and conditions? Visit **samsung.com.au/warranty**

Support.

Our team of highly trained professionals are here to help you with installation, set-up, teething problems and any questions you have along the way.

If you have any questions or just want to talk to a professional, call **1300 362 603.**

We're here to help.
Call 1300 362 603

samsung.com.au/aircon