We're here to help.

Call 1300 362 603
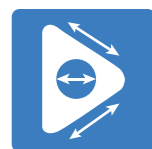
SAMSUNG

samsung.com.au/aircon

Samsung AR5000
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.

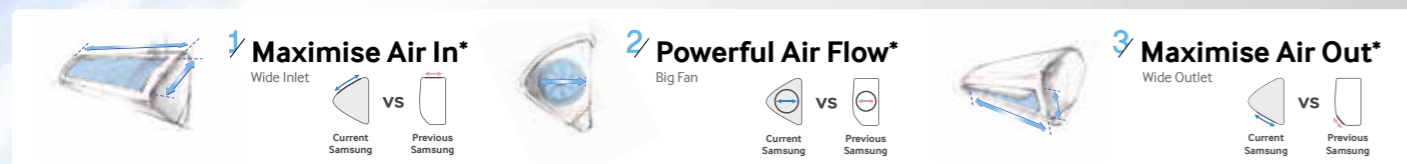*Tested on AR09FSSSCWK1 model. Compared with previous Samsung model AQV09TWS.

Maximise Air In

Powerful Air Flow

Maximise Air Out

1. **Maximise Air In***
   Wide Inlet
   Current Samsung vs Previous Samsung

2. **Powerful Air Flow***
   Big Fan
   Current Samsung vs Previous Samsung

3. **Maximise Air Out***
   Wide Outlet
   Current Samsung vs Previous Samsung

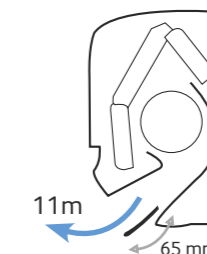*Tested on AR09FSSSCWK1 model. Compared with previous Samsung model AQV09TWS.

Fast*

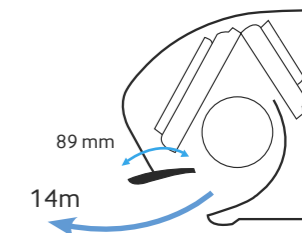We've designed our latest range to be fast, powerful and efficient for you and your space.

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

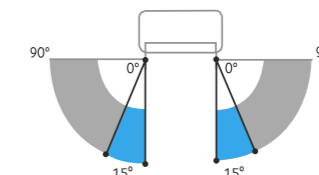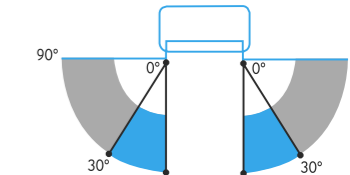## Wide*

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°

15°   15°

90°   0°   0°   90°

30°   30°

The space in blue is where the cool air reaches.

*Tested on AR09FSSSCWK1 model. Compared with previous Samsung model AQV09TWS.

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.

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'.

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.

EASY FILTER

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.

MINIMISE DUST

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

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.

SLEEP SOUNDLY

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

Samsung AR5000
Specifications

Samsung AR5000 Model Code			F-AR09FSFSDUR1	F-AR12FSFSDUR1	F-AR18FSFSDUR1	F-AR24FSFSDUR1	F-AR30FSSSCUR1
Samsung AR5000 Indoor Code			AR09FSFSDURNSA	AR12FSFSDURNSA	AR18FSFSDURNSA	AR24FSFSDURNSA	AR30FSSSCURNSA
Samsung AR5000 Outdoor Code			AR09FSFSDURXSA	AR12FSFSDURXSA	AR18FSFSDURXSA	AR24FSFSDURXSA	AR30FSSSCURXSA

PERFORMANCE

			F-AR09FSFSDUR1	F-AR12FSFSDUR1	F-AR18FSFSDUR1	F-AR24FSFSDUR1	F-AR30FSSSCUR1
Capacity	Cooling		2.5 kW	3.5 kW	5.0 kW	7.0 kW	8.0 kW
			0.99 kW (min) — 3.20 kW (max)	0.99 kW (min) — 4.00 kW (max)	1.60 kW (min) — 7.00 kW (max)	2.20 kW (min) — 8.00 kW (max)	2.60 kW (min) — 9.30 kW (max)
	Heating		3.2 kW	4.0 kW	6.0 kW	8.0 kW	9.0 kW
			0.99 kW (min) — 5.20 kW (max)	0.99 kW (min) — 6.0 kW (max)	1.20 kW (min) — 8.00 kW (max)	1.90 kW (min) — 10.00 kW (max)	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

			F-AR09FSFSDUR1	F-AR12FSFSDUR1	F-AR18FSFSDUR1	F-AR24FSFSDUR1	F-AR30FSSSCUR1
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

			F-AR09FSFSDUR1	F-AR12FSFSDUR1	F-AR18FSFSDUR1	F-AR24FSFSDUR1	F-AR30FSSSCUR1
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

TECHNICAL INFORMATION

			F-AR09FSFSDUR1	F-AR12FSFSDUR1	F-AR18FSFSDUR1	F-AR24FSFSDUR1	F-AR30FSSSCUR1
Samsung AR5000 Model Code			F-AR09FSFSDUR1	F-AR12FSFSDUR1	F-AR18FSFSDUR1	F-AR24FSFSDUR1	F-AR30FSSSCUR1
Samsung AR5000 Indoor Code			AR09FSFSDURNSA	AR12FSFSDURNSA	AR18FSFSDURNSA	AR24FSFSDURNSA	AR30FSSSCURNSA
Samsung AR5000 Outdoor Code			AR09FSFSDURXSA	AR12FSFSDURXSA	AR18FSFSDURXSA	AR24FSFSDURXSA	AR30FSSSCURXSA
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

		Feature	
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		

5 YEAR PARTS AND LABOUR WARRANTY*

We Stand By Our Product.

Stay rest assured you are buying a quality Air Conditioner. The Samsung AR5000 Air Conditioner is supported by a 5 year parts and labour warranty.

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 experts is 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 an expert, call **1300 362 603.**

*These warranty rights are in addition to the rights of consumers under consumer guarantees pursuant to the Australian Consumer Law.