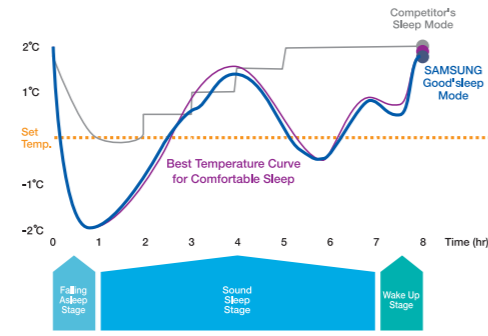


**good'sleep Mode** what is good'sleep mode?  
 Samsung's unique technology namely Good'sleep mode was developed from scientific studies on the sleeping patterns of humans. By simply setting the Forte to Good'sleep mode ensures a better nights sleep through synchronising room temperature to your sleep pattern. It cools the room quickly at first to ensure the right environment during the period while you are falling asleep. Then during the course of the night, it gradually increases temperature slightly so you're not awakened by excessive coldness. It also assures the correct level of moisture to prevent your skin from drying out. Result, an excellent nights' sleep, with a longer period of 'deep sleep' hours.



### 3 benefits of good'sleep mode

**KEEPS OPTIMUM SKIN TEMPERATURE FOR SLEEPING**

By maintaining an optimum skin temperature during sleeping, you will be free from sleep disruptions such as being too hot or too cold and in addition it enhances your skin by preventing your skin from drying out.

**82% LONGER DEEP-SLEEP HOURS**

If you can have 82% longer deep sleep hours you can rest your brain and body fully to recover your vitality.

**ENERGY SAVING UP TO 30%**

The good'sleep mode reduces up to 30% of electricity consumption at 1.64kwh compared with a normal cooling mode at 2.49kwh.

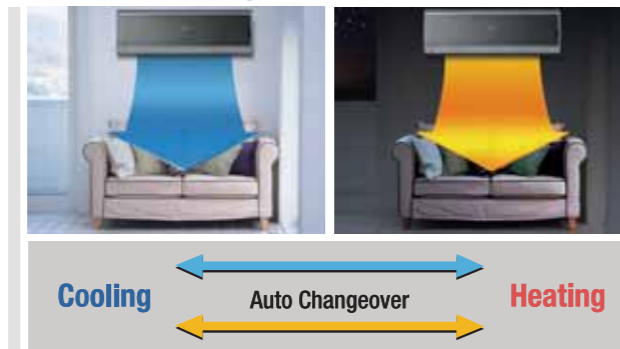
### waterfall heating air flow



The new Samsung air conditioners feature a wide-angle blade system. In conventional models, the indoor unit's blade could only open up to 70 degrees, which made it difficult to direct heated airflow to the lower spaces of the room. The wide-angle blade system can open the blades to an angle of 90 degrees. You can control air flow direction vertically and horizontally, providing even distribution of air to any place of the room.

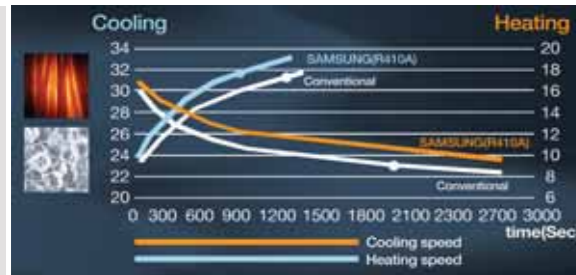
### auto changeover

\* HEAT PUMP SERIES ONLY



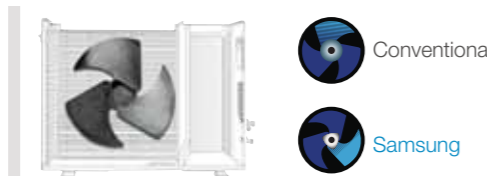
The Auto Changeover automatically selects the operating mode (Cooling or Heating) according to the temperature setting. Thus, when a temperature is selected in the auto mode, the air conditioner heats and cools as required to maintain the set temperature.

### rapid cooling & heating



Everyone wants to have the room temperature in the ideal state when they come home. Especially in severe hot or cold weather. With the exceptional technical characteristics and superior quality features, the new Samsung air conditioners maximize the speed of cooling and heating to reach the set temperature in a short time.

### energy efficient and quiet fan



In the outdoor unit, the new propeller fan has better performance characteristics due to its triangular hub shape, resulting in enhanced energy efficiency and fan capacity, greater hot temperature resistance, and quieter operation.

## FORTE

Dealers Stamp



- + Stylish front panel with signature blue lines enhances any decor
- + Flush front panel minimises dust collection, cleans at a wipe
- + Evaporator and filter are Silver-Nano coated to ensure healthy germ-free air
- + Good'Sleep Mode ensures a refreshing night's sleep
- + Auto Changeover provides constant temperature regulation





### flush front panel

Moving the front grille to the top of the unit has resulted in a smooth, attractive flush front panel that minimises dust collection and comes clean at a wipe.



### accent line

As can be seen from the illustrations, the Forte unit has a clean attractive exterior plus a stylish accent line that enhances its appearance.



### bottom opening front panel

The front panel swings up - just like the bonnet of a car! - for easy cleaning of the filters.

## multi-step air purifying system

The Samsung Multi-Step Air Purifying System removes almost all harmful elements to human beings by using various filters. At the same time, the system also keeps the interior of the air conditioner ultra-clean, so only ultra-fresh air is produced.



MODEL NAME	AS09SA		AS12FA		AS18FA		AS24FA		
Refrigerant Type	R22		R22		R22		R22		
<b>Performance</b>									
Capacity	Cooling	Btu/hr	9,000	12,000	18,000	24,000			
		Cal/hr	2,268	3,024	4,536	6,048			
	Heating	Btu/hr	-	-	-	-			
		Cal/hr	-	-	-	-			
Energy Efficiency	Cooling	EER (Btu/W)	9.28	10.00	9.47	9.60			
		EER (W/W)	2.72	2.92	2.68	2.72			
Moisture Removal	Heating	COP (W/W)	-	-	-	-			
		l/hr	1	1.5	1.8	2.4			
Air Circulation(Max)		m/min	7.5	8	13	14.5			
Noise Level	Indoor High / Low	dB	33/29/24	36/31/26	40/36/32	42/39/35			
			Outdoor High	46	47	52	55		
<b>Electrical Data</b>									
Power Source	V/Hz/Ø		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1			
Power Consumption	Cooling	W	970	1,200	1,900	2,500			
		A	-	-	-	-			
Operating Current	Cooling	A	4.3	5.3	9.5	12			
		Heating	A	-	-	-	-		
<b>Dimension &amp; Loading Q'ty</b>									
Net Dimension(WxHxD)	Indoor	mm	825x285x189	825x285x189	825x285x189	1,065x298x218			
		mm	660x475x242	720x548x265	790x548x285	880x638x310			
Net Weight	Indoor	kg	7.8	8.4	9	13			
		kg	26	33.8	39.0	56			
Shipping Weight	Indoor	kg	9.8	10.4	11	15			
		kg	28	35.8	41	58			
W/O pipe	20/40#/Jumbo		136/280/303	106/231/259	87/180/200	66/138/153			
<b>Technical Information</b>									
SVC Valve	Liquid	ODxL	Ø6.35mmx5.0m	Ø6.35mmx5.0m	Ø6.35mmx5.0m	Ø6.35mmx5.0m			
		Gas	Ø9.52mmx5.0m	Ø12.7mmx5.0m	Ø15.8mmx5.0m	Ø15.8mmx5.0m			
Piping Length	STD	mm	5	5	5	5			
		mm	15	15	15	20			
Piping Height	Max	mm	7	7	8	8			
Refrigerant	G		650	870	1,030	1,450			
Add Refrigerant	g/m		20	20	30	40			
<b>Features</b>									
Micro Plasma Ion			-	-	-	-			
Good'sleep Mode			•	•	•	•			
Silver Coated Health System	Silver Coated Filter		•	•	•	•			
	Silver Coated Evaporator		•	•	•	•			
	Deodorizing Filter		•	•	•	•			
	Pure Filter (HAF Filter)		-	-	-	-			
Pure & Clean Air	Catechin Filter		•	•	•	•			
	Anti-allergy Filter		-	-	-	-			
	Digital / Plus		•	•	•	•			
	Dehumidification		•	•	•	•			
Operating Mode	Turbo Mode		•	•	•	•			
	Sleep Mode		•	•	•	•			
	Timer		•	•	•	•			
	Energy Saving Mode		-	-	-	-			
Convenience	Auto Restart		•	•	•	•			
	Auto Changeover		•	•	•	•			
	Surrounding Air Control		-	-	-	-			
	Auto Wind		•	•	•	•			
Air Flow Control Steps (Cool/Fan)	Auto		4/3	4/3	4/3	4/3			
	Auto		Auto	Auto	Auto	Auto			
	Manual		Manual	Manual	Manual	Manual			
	Auto Grille		-	-	-	-			
Remote Controller	Auto Clean (self cleaning)		•	•	•	•			
	Compressor Type		Rotary	Rotary	Rotary	Rotary			
Etc.	Low Ambient	Cooling	°C	-	-	-	-		
		Heating	°C	-	-	-	-		



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		A	-	-	-	-			
Operating Current	Cooling	A	4.3	5.3	9.5	12			
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	Silver Coated Evaporator		•	•	•	•			
	Deodorizing Filter		•	•	•	•			
	Pure Filter (HAF Filter)		-	-	-	-			
Pure & Clean Air	Catechin Filter		•	•	•	•			
	Anti-allergy Filter		-	-	-	-			
	Digital / Plus		•	•	•	•			
	Dehumidification		•	•	•	•			
Operating Mode	Turbo Mode		•	•	•	•			
	Sleep Mode		•	•	•	•			
	Timer		•	•	•	•			
	Energy Saving Mode		-	-	-	-			
Convenience	Auto Restart		•	•	•	•			
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	Manual		Manual	Manual	Manual	Manual			
	Auto Grille		-	-	-	-			
Remote Controller	Auto Clean (self cleaning)		•	•	•	•			
	Compressor Type		Rotary	Rotary	Rotary	Rotary			
Etc.	Low Ambient	Cooling	°C	-	-	-	-		
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