

## Window Type

- AW09P1B (8,500 Btu/h)
- AW12P1A (11,600 Btu/h)



## Features

- Anti Bacteria Filter
- Auto Swing
- 4way Air Direction
- Washable Grill
- 2 Stage Fan / Cool Mode



## Single Split

AS09UL (9,500 Btu/h)

AS12UL (12,500 Btu/h)

AS18UL (18,000 Btu/h)

AS24UL (24,000 Btu/h)



## Features

- Good'sleep Mode II
- Silver Coated Filter
- Silver Coated Evaporator



			CO	CO	CO	CO
			R22	R22	R22	R22
Refrigerant Type			R22	R22	R22	R22
Model Code			<b>AS09ULNXSS</b>	<b>AS12ULNXSS</b>	<b>AS18ULNXSS</b>	<b>AS24ULNXSS</b>
Grill Color			Grey	Grey	Grey	Grey
Performance						
Capacity	Cooling	Btu/hr.	9,500	12,500	18,000	24,000
		Cal/hr.	-	-	-	-
		kW	-	-	-	-
	Heating	Btu/hr.	-	-	-	-
		Cal/hr.	-	-	-	-
		kW	-	-	-	-
Energy Efficiency	Cooling	EER(Btu/W)	11.31	10.87	11.25	10.43
		EER(W/W)	3.31	3.19	3.30	3.06
	Heating	COP(W/W)	-	-	-	-
Moisture Removal		l/hr.	1.0	1.5	2.0	2.5
Air Circulation (Max)		m <sup>3</sup> /min	8.0	10.0	14.0	15.0
Noise Level	Indoor High/Low	dB	36/26	37/26	42/32	44/35
	Outdoor High	dB	49	49	53	56
Electrical Data						
Power Source		V/Hz/φ	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	840	1,150	1,600	2,300
	Heating	W	-	-	-	-
Operating Current	Cooling	A	3.9	5.2	7.5	10.5
	Heating	A	-	-	-	-
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	820x285x190	890x285x190	1065x298x222	1065x298x222
	Outdoor	mm	660x470x240	660x470x240	880x648x310	790x548x285
Net Weight	Indoor	kg	8.2	9.2	13	13
	Outdoor	kg	22.5	25.1	49	49
Shipping Weight	Indoor	kg	9.6	11.2	16	16
	Outdoor	kg	24.5	27.1	53	53
Loading Q'ty	W Pipe	20/40ft/Jumbo	-	-	-	-
	W/O Pipe	20/40ft/Jumbo	123/253/285	129/165/299	61/130/145	61/130/145
Technical Information						
SVC Valve	Liquid	ODxL	φ6.35mmX5.0m	φ6.35mmX5.0m	φ6.35mmX5.0m	φ6.35mmX5.0m
	Gas	ODxL	φ12.7mmX5.0m	φ12.7mmX5.0m	φ12.7mmX5.0m	φ15.9mmX5.0m
Piping Length	STD	m	5	5	5	5
	Max	m	15	15	15	20
Piping Height	Max	m	7	7	8	8
Features						
MPI			-	-	-	-
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Pure & Clean Air	DNA Filter		-	-	-	-
	Pure Filter (HAF Filter)		-	-	-	-
	Catechin Filter		-	-	-	-
	Deodorizing Filter		-	-	-	-
Operating Mode	Comfort Care		-	-	-	-
	Smart Saver		•	•	•	•
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
Convenience	Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		-	-	-	-
	Filter Cleaning Indicator		-	-	-	-
	Auto Wind		•	•	•	•
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL
Remote Controller			•	•	•	•
Auto Clean (self cleaning)			-	-	-	-
Etc.			ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-	-	-	-
	Heating	°C	-	-	-	-



when air changes the quality of life  
imagination *lives*



Lemoncool 8222024





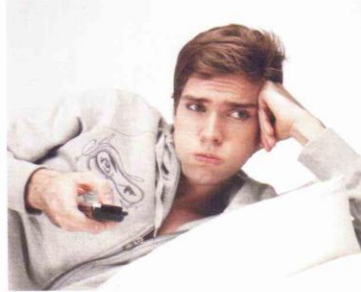
# Optimal temperatures for a good night's sleep!

Samsung's **Good'sleep II** ensures your environment stays at the most comfortable temperature with automatic moisture adjustment to guarantee a good night's sleep.

## Good'sleep II is recommended for :



Those with sensitive skin to temperature.



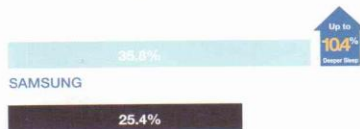
Those who suffer from insomnia.



Those who worry about energy consumption.

## Enjoy a pleasant night's sleep

### Sleep efficiency

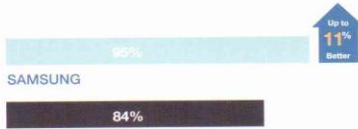


**Competitor**  
Conducted by National Bukyoung Univ.

The Good'sleep II increases the sleep efficiency compared with competitors.

\*Test results for cooling mode.

### Pleasant Skin Temperature



**Competitor**  
Conducted by National Bukyoung Univ.

The Good'sleep II keeps your skin comfortable throughout the night with precise temperature control.

\*Test results for cooling mode.

### Energy Saving



**General Cooling mode (26°C)**  
Temperature : 30°C Temperature Inside : 26°C

The Good'sleep II reduces up to 30% of electricity consumption compared with a normal cooling mode.

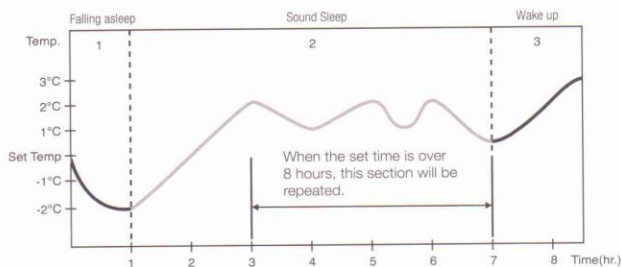
\*Test results for cooling mode.

## Best Temperature for deep sleep

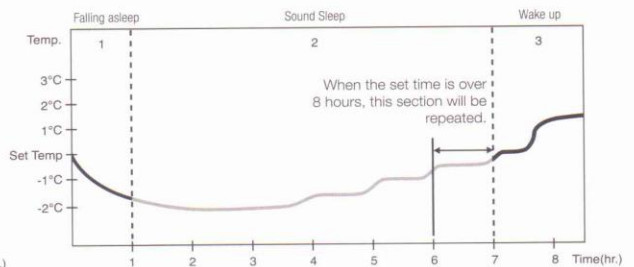
According to the stage of sleep, temperatures are adjusted so you fall into deep sleep faster and get up more refreshed in the morning for a great start to your day.



### Cooling Mode



### Heating Mode



1. Falling asleep stage : Eases you into sleep by dropping the temperature.
2. Sound sleep stage : Relaxes your body and raises your temperature slightly.
3. Wake up stage : Allows you to wake up from comfortable intermittent air and it makes you feel refresh.

# Samsung Air Conditioners Silver Coated Technology

Samsung Air Conditioners are the first and only of its kind to coat both the filter and evaporator with silver coating. Most other brands of air conditioners available on the market have not incorporated a silver coating to their filters or evaporators, leaving you more vulnerable to breathing in unhealthy air. However, because we have coated BOTH the filter and evaporator with a silver disinfecting and antimicrobial coating, we offer double protection.

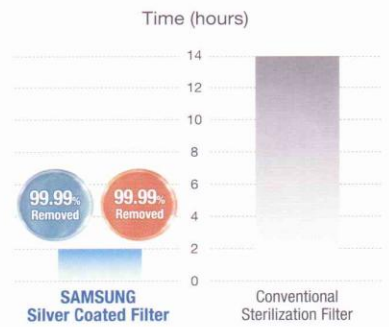


Samsung adopts the Silver Coated technology to 2 filters.



Most competitors do not incorporate Silver Coated technology to their filters.

## Silver Coated Filter

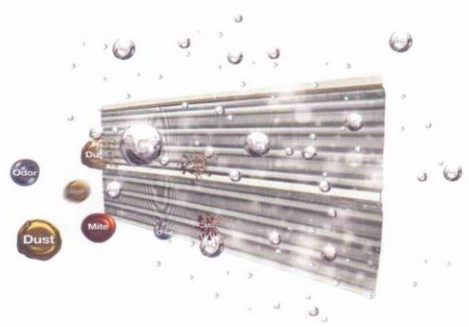


Silver Nano ion gives you fresher and healthier air



The air conditioner's outermost filter is uniquely treated with an antibacterial silver-nano agent to remove most viruses. With the Silver Coated Filter, the respiration of these viruses is stifled, inhibiting their cell growth, causing them to die. The viruses are removed speedily in only 2 hours.

## Silver Coated Evaporator



Samsung's Silver Coated Evaporator incorporates an innovative material found to be environmentally friendly. The fins of the evaporator are triple coated (2 layers of chrome-free neo silica, 1 layer of Silver Coating) to ensure the efficient removal of condensation and to guarantee the production of clean, fresh air.



## System 2

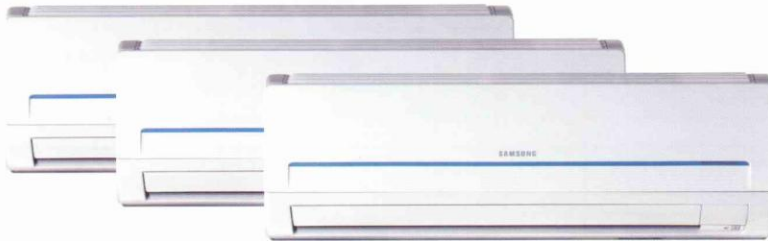
### MC18F2BX

- MC09F2BN (9,000 Btu/h)
- MC09F2BN (9,000 Btu/h)



### Features

- Good'sleep Mode II
- Silver Coated Filter
- Silver Coated Evaporator
- Deodorizing Filter
- Catechin Filter



## System 3

### MC20F3BX

- MC06F3BN (6,000 Btu/h)
- MC06F3BN (6,000 Btu/h)
- MC09F3BN (9,000 Btu/h)



### Features

- Good'sleep Mode II
- Silver Coated Filter
- Silver Coated Evaporator
- Deodorizing Filter
- Catechin Filter



Cooling/Heating			CO	CO
Refrigerant Type			R22	R22
Power Source			V/Hz/φ	220-240/50/1
Model Code			<b>MC09F2BN</b> <b>MC09F2BN</b> <b>MC18F2BX</b>	<b>MC06F3BN</b> <b>MC06F3BN</b> <b>MC09F3BN</b> <b>MC20F3BX</b>
Indoor A Indoor B Indoor C Outdoor				
Performance				
Capacity	1unit(A)	Btu/hr.	9,000	9,000
		Cal/hr.	-	-
		kW	-	-
	1unit(B or C)	Btu/hr.	9,000	5,500
		Cal/hr.	-	-
		kW	-	-
	2unit(A+B or C)	Btu/hr.	18,000	14,500
		Cal/hr.	-	-
		kW	-	-
	2unit(B+C)	Btu/hr.	-	11,000
		Cal/hr.	-	-
		kW	-	-
3unit(A+B+C)	Btu/hr.	-	20,000	
	Cal/hr.	-	-	
	kW	-	-	
Energy Efficiency	1unit(A)	EER(Btu/W)	-	-
		COP(W/W)	-	-
		EER(Btu/W)	-	-
	1unit(B or C)	EER(Btu/W)	-	-
		COP(W/W)	-	-
		EER(Btu/W)	10.19	-
	2unit(A+B or C)	EER(Btu/W)	-	-
		COP(W/W)	-	-
		EER(Btu/W)	-	-
	2unit(B+C)	EER(Btu/W)	-	-
		COP(W/W)	-	-
		EER(Btu/W)	-	10.13
3unit(A+B+C)	EER(Btu/W)	-	-	
	COP(W/W)	-	-	
	EER(Btu/W)	-	-	
Moisture Removal			l/hr.	1.7
Air Circulation (Max)			m <sup>3</sup> /min	7.5
Noise Level(Max)	1unit(A)	m <sup>3</sup> /min	6	5.5
	Indoor(A-Unit)	dB	35	35
	Indoor(B or C-Unit)	dB	35	32
	Outdoor Unit	dB	54	54
Electrical Data				
Power Source			V/Hz/φ	220-240/50/1
Power Consumption				
	1unit(A)	W	920	980
	1unit(B or C)	W	920	980
	2unit(A+B or C)	W	1700	1800
	2unit(B+C)	W	-	1020
	3unit(A+B+C)	W	-	1850
Operating Current				
	1unit(A)	A	4.1	4.3
	1unit(B or C)	A	4.1	4.3
	2unit(A+B or C)	A	7.5	8
	2unit(B+C)	A	-	4.4
	3unit(A+B+C)	A	-	8.1
Dimension & Loading Q'ty				
Net Dimension (WxHxD)				
	Indoor(A-Unit)	mm	825x285x189	825x285x189
	Indoor(B or C-Unit)	mm	825x285x189	825x285x189
	Outddor	mm	880x538x310	880x538x310
Net Weight				
	Indoor(A-Unit)	kg	8.4	8.4
	Indoor(B or C-Unit)	kg	8.4	8.4
	Outddor	kg	58	60
Shipping Weight				
	Indoor(A-Unit)	kg	9.4	9.4
	Indoor(B or C-Unit)	kg	9.4	9.4
	Outddor	kg	62	64
Loading Q'ty				
	W Pipe	20/40ft/Jumbo	-	51/105/140
	W/O Pipe	20/40ft/Jumbo	60/124/140	-
Technical Information				
SVC Valve				
	Liquid	ODxL	φ6.35mmx5m	φ6.35mmx5m
	Gas	ODxL	φ9.52mmx5m	φ9.52mmx5m
Piping Length				
	STD	mm	7.5	7.5
	Max	mm	15	15
Piping Height				
	Max	mm	7	7
Features				
	MPI (Micro Plasma Ion)		-	-
	Good'sleep Mode II		-	-
	Silver Nano Health System™		-	-
	Silver Nano Filter		-	-
	Silver Nano Evaporator		-	-
	Deodorizing Filter		-	-
	Pure Filter (HAF Filter)		-	-
	Catechin Filter		-	-
	Allergy Filter		-	-
	Digital i Plus		-	-
	Dehumidification		-	-
	Turbo Mode		-	-
	Timer		-	-
	Auto Restart		-	-
	Surrounding Air Control		-	-
	Auto Wind		-	-
	Air Flow Control Steps (Cool/Fan)		4/3	4/3
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Manual	Manual
	Auto Grille		-	-
	Remote Controller		-	-
	Auto Clean (self cleaning)		-	-
Etc.				
	Compressor Type		Rotary	Rotary