

# Max

*Silver Nano-pure air for perfect climate control*

**NEW**



- Economical cooling and heating (1kW per hour – 9000 BTU model)
- Silver Nano-coated filter and evaporator not only traps microscopic dust particles but also kills fungi and removes unpleasant odours
- Quiet operation
- Samsung's Good Sleep II feature automatically adjusts temperature and humidity to ensure a comfortable night's sleep
- Auto Changeover provides constant temperature regulation
- Backed by the comprehensive nationwide support of Samsung Air

**SAMSUNG**

# Max

Silver Nano-pure air for perfect climate control



A brilliant new addition to the range of Samsung room airconditioners, the sleek new Max unit ensures economical heating and cooling along with a host of advanced features.

Model Code			R22	R22	R22	R22
PERFORMANCE			AQ09UGAN	AQ12UGAN	AQ18UGAN	AQ24UGAN
Capacity	Cooling	Btu/hr.	9,500	12,000	18,000	23,200
		Cal/hr.	2,394	3,024	4,536	5,847
		kW	2.78	3.52	5.27	6.80
	Heating	Btu/hr.	10,000	13,000	19,500	24,500
		Cal/hr.	2,520	3,276	4,914	6,174
		kW	2.93	3.81	5.71	7.18
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.5	9.5	9.3
		EER(W/W)	2.78	2.79	2.78	2.72
	Heating	COP(W/W)	3.26	3.28	3.01	2.71
Moisture Removal		ℓ/hr.	1.0	1.5	1.8	2.4
Air Circulation (Max)		m <sup>3</sup> /min	7.5	9.5	13.0	17.0
Noise Level	Indoor High/Low	dB	40/30	35/26	45/30	48/33
	Outdoor High	dB	55	50	58	61
<b>ELECTRICAL DATA</b>						
Power Source		V/Hz/∅	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1000	1260	1900	2500
	Heating	W	900	1160	1900	2650
Operating Current	Cooling	A	4.6	5.8	9.0	12.0
	Heating	A	4.2	5.3	9.0	12.5
<b>DIMENSION &amp; LOADING Q'TY</b>						
Net Dimension (WxHxD)	Indoor	mm	820x285x190	825x285x189	890x285x189	1065x298x218
	Outdoor	mm	660x475x242	660x470x240	790x285x548	880*638*310
Net Weight	Indoor	kg	7.6	8.4	9.9	13
	Outdoor	kg	23	26	39	56
<b>TECHNICAL INFORMATION</b>						
SVC Valve	Liquid	ODxL	∅6.35mmx5m	∅6.35mmx5m	∅6.35mmx5m	∅6.35mmx5m
	Gas	ODxL	∅9.52mmx5m	∅12.7mmx5m	∅12.7mmx5m	∅15.8mmx5m
Piping Length	STD	mm	5	5	5	5
	Max	mm	15	15	15	20
Piping Height	Max	mm	7	7	8	8
<b>FEATURES</b>						
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Operating Mode	Smart Saver		•	•	•	•
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
	Convenience	Auto Wind		•	•	•
Etc.	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)					
Low Ambient	Cooling	°C	15~43	15~43	15~43	15~43
	Heating	°C	-5~24	-5~24	-5~24	-5~24

### Samsung Silver Technology



Not only does the filter and evaporator of the new Max remove microscopic dust particles, but due to its Silver Nano-coating it also eliminates airborne fungi and unpleasant odours.

### Good Sleep II



With automatic adjustment of temperature and humidity during the night, Samsung's Good Sleep II ensures a comfortable environment and a refreshing night's sleep.

### Smart Saver



Samsung Smart Saver technology operates the airconditioner automatically in the least amount of time necessary to cool the room, thus saving electricity.