

Max - I N V E R T E R

Samsung quality with Inverter electricity savings



- Samsung's Triple Protector ensures maximum reliability and durability
- Efficient Samsung Inverter technology reduces electricity consumption by as much as 40%, compared with conventional airconditioners
- Cooling/heating
- Anti-bacterial coating and full HD filter not only traps microscopic dust particles but also kills germs and deodorises
- 'Good Sleep II' mode automatically adjusts temperature and humidity to ensure a good night's sleep
- Auto changeover provides constant temperature regulation
- Eco-friendly R410A gas
- Backed by comprehensive nationwide Samsung sales and support

Triple-Protector



SAMSUNG

Digital Air Solutions

Max - I N V E R T E R

Perfect climate control with Inverter economy

Samsung's new-generation Max Inverter airconditioner ensures cleaner, fresher air, along with Inverter technology that maintains consistent temperatures – whether cooling or heating – with minimum electricity consumption.

Model Code			AQV09UGEN	AQV12UGEN	AQV18UGEN	AQV24UGEN
Refrigerant Type			R410A	R410A	R410A	R410A
PERFORMANCE						
Capacity	Cooling	Btu/hr.	8530	11260	17061	23203
		Min/Max	3378 - 10919	3753 - 12966	5459 - 20473	7507 - 27297
		kW	2.5	3.3	5	6.8
	Heating	Min/Max	0.99-3.2	1.1-3.8	1.6-6.0	2.2-8.0
		Btu/hr.	11260	13649	20473	27297
		Min/Max	4095-14331	4777-16037	4095-25591	6483-32415
Energy Efficiency	Cooling	EER(Btu/W)	11.6	11.0	11.6	11.0
		EER(W/W)	3.40	3.21	3.40	3.21
	Heating	COP(W/W)	3.63	3.61	3.61	3.61
Moisture Removal		ℓ/hr.	1.0	1.4	2.5	3.0
Air Circulation (Max)		m ³ /min	8.0	9.0	13.0	15.0
Sound Level	Indoor High/Low	dB	32/23	36/23	40/30	41/30
	Outdoor High	dB	45	47	53	55
ELECTRICAL DATA						
Power Source		V/Hz/PH	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	735	1028	1470	2260
	Heating	W	910	1108	2660	2850
Operating Current	Cooling	A	3.5	4.9	6.8	10.6
	Heating	A	4.4	5.2	7.7	13
DIMENSION AND WEIGHT						
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	1065x298x222	1065x298x222
	Outdoor	mm	720x548x265	720x548x265	880x638x310	880x638x310
Net Weight	Indoor	Kg	8.2	8.2	13	13
	Outdoor	Kg	31.5	31.5	47	51
TECHNICAL INFORMATION						
Piping Length	Max	mm	15	15	30	30
Piping Height	Max	mm	7	7	15	15
FEATURES						
Air Purification	Full HD Filter		•	•	•	•
	Anti-bacteria Coating		•	•	•	•
Operating Mode	'Good Sleep'		•	•	•	•
	Smart Saver		•	•	•	•
	Turbo		•	•	•	•
	Quiet		•	•	•	•
Convenience	Remote Control		•	•	•	•
	Auto Re-start		•	•	•	•
	Auto Changeover		•	•	•	•
Outdoor Unit	Anti-corrosion Fin		•	•	•	•

Samsung Inverter technology



Precise Inverter technology maintains pre-set temperature without switching compressor on and off, thus reducing electricity consumption. By as much as 40%, compared with conventional airconditioners.

Triple Protector



Designed for Africa, Samsung's Triple Protector protects 3 ways:

- 1) Anti-overload technology protects compressor during very hot weather.
- 2) Advanced digital controller protects against power fluctuations.
- 3) Anti-rust coating protects fins, ensuring long-lasting performance.

Smart Saver



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