

**NEW**

**SAMSUNG**

Digital Air Solutions

# Crystal

***I N V E R T E R ( R 4 1 0 A )***

*Stylish good looks with Inverter economy and loads of features!*



- *Economical Inverter technology with eco-friendly R410A gas*
- *S-Plasma Ion protects against harmful germs and viruses*
- *Multi-stage deodorising filter removes virtually all airborne impurities and odours*
- *Good Sleep II feature adjusts temperature and humidity to ensure a restful sleep*
- *Auto Changeover provides constant temperature regulation*
- *Filter-cleaning indicator automatically shows when filters need cleaning*

# Crystal

## INVERTER (R410A)

Stylish good looks with Inverter economy and loads of features!



Model Code			AQV09EWEN	AQV12EWEN	AQV18EWDN	AQV24EWDN
<b>Cooling</b>	Power Supply	V-Hz-Ph	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1
	Cooling Capacity	Btu/h	8530	11 942	17 061	23 203
	Rated Cooling Input	W	620	1060	1470	2260
	Rated Cooling Current	A	3	4.8	6.8	10.6
	EER	W/W	4.02	3.3	3.4	3.01
<b>Heating</b>	Heating Capacity	Btu/h	11 260	13 648	20 473	27 297
	Rated Heating Input	W	800	1080	1660	2850
	Rated Heating Current	A	3.8	4.9	7.7	13
	COP	W/W	4.1	3.7	3.61	2.81
<b>Refrigerant Type</b>			R410A	R410A	R410A	R410A
<b>Refrigerant Piping</b>	Liquid side/gas side	mm	Ø6.35/9.52	Ø6.35/9.52	Ø6.35/12.7	Ø6.35/15.88
	Max. refrig. Pipe Length	m	15	15	30	30
	Max. difference in level	m	8	8	15	15
<b>Indoor/Outdoor Noise Level (H)</b>		dB(A)	41/51	43/53	38/51	41/55
<b>Indoor Unit Net/gross weight</b>		Kg	8.2/10.2	8.2/10.2	11.5/14.5	13/16
<b>Outdoor Unit Net/gross weight</b>		Kg	30.5/34.5	30.5/34.5	38/42	52/55.6
<b>Indoor Unit</b>	Net Dimension	(WxHxD)	820x285x205	820x285x205	1065x298x230	1065x222x298
<b>Outdoor Unit</b>	Net Dimension	(WxHxD)	790x545x285	790x545x285	790x545x285	880x798x310
<b>FEATURES</b>						
<b>MPI</b>			•	•	•	•
<b>Good Sleep II</b>			•	•	•	•
<b>Pure &amp; Clean Air</b>	Deodorizing Filter		•	•	•	•
<b>Operating Mode</b>	Smart Saver		•	•	•	•
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
	Filter Cleaning Indicator		•	•	•	•
<b>Convenience</b>			•	•	•	•
Remote Controller			•	•	•	•
<b>Low Ambient</b>	Cooling	°C	15~43	15~43	15~43	15~43
	Heating	°C	-5~24	-5~24	-5~24	-5~24

### Samsung Inverter technology



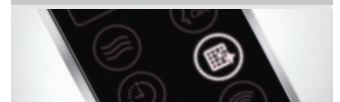
Precise Inverter technology maintains pre-set temperature without switching compressor on and off, thus reducing electricity consumption by as much as 40%, compared with conventional airconditioners.

### MPI Technology



Samsung's world-first Micro Plasma Ion technology generates active hydrogen atoms together with oxygen ions to improve indoor air quality, protecting you from harmful viruses, bacteria and allergy-causing agents that threaten your health.

### Filter Cleaning Indicator



Once filters begin to clog up, an airconditioner begins to lose its efficiency. However the Samsung Crystal airconditioner has an FCI light which illuminates to indicate that the filters need cleaning.

### 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.