

# Vivace (Shadow Mirror)



The flat front panel is made of smoked half mirror creating a chic and graceful image for the air conditioner. High specification and modern styling makes the designers choice.

## Features



### MPI (Micro Plasma Ion)

The world's first technology that generates active hydrogen atoms together with oxygen ions to improve your Indoor Air Quality. It protects you from harmful particles and viruses existing in the air.

### Catechin filter

Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and unpleasant odours.

### Silver Coated Evaporator

The fins of the evaporator are triple coated with environmentally friendly materials (2 years of chrome-free silica, 1 layer of Silver coating) to ensure efficient removal of condensation and to guarantee the production of clean and fresh air.

### Deodorizing Filter

Incorporated with activated carbon, the Deodorizing Filter efficiently absorbs cigarette smoke, pet odours and other unpleasant odours.

### S·INVERTER

High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.

## Design

Shadow Mirror  
Reddish Black



Hidden  
Display



Trim-less  
Design



## Outdoor Units

Inverter	9K Btu	18K Btu
-	12K Btu	24K Btu





			S-Inverter R410a	S-Inverter R410a	S-Inverter R410a	S-Inverter R410a
Refrigerant Type						
Power Source	V/Hz/ φ		220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Model Code			AQV09VBC	AQV12VBC	AQV18VBC	AQV24VBC
Performance						
Capacity	Cooling	Btu/hr.	8,531	11,943	17,062	23,204
		Cal/hr.	2,150	3,009	4,299	5,847
	Heating	kW	2.5	3.5	5.0	6.8
		Btu/hr.	11,943	13,650	20,474	27,299
		Cal/hr.	3,009	3,439	5,159	6,878
Energy Efficiency	Cooling	EER (Btu/W)	14.0	11.6	11.0	10.3
		EER (W/W)	4.10	3.40	3.21	3.01
	Heating	COP (W/W)	4.10	3.64	3.41	2.81
Moisture Removal	ℓ /hr.		1.0	1.4	2.5	3.0
Air Circulation (Max)	m <sup>3</sup> /min		8.0	9.0	13.0	15.0
Noise Level	Indoor High/Low	dB	31/21	35 / 21	40 / 30	41 / 30
	Outdoor High	dB	45	45	53	55
Electrical Data						
Power Consumption	Cooling	W	610	1030	1560	2260
	Heating	W	853	1100	1760	2850
Operating Current	Cooling	A	3.0	4.8	7.0	10.6
	Heating	A	4.5	5.2	8.0	13.0
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	1065x298x218	1065x298x218
	Outdoor	mm	790x548x285	790x548x285	880x638x310	880x638x310
Net Weight	Indoor	kg	9	9	13	13
	Outdoor	kg	32.6	32.6	51	51
Shipping Weight	Indoor	kg	11	11	16	16
	Outdoor	kg	35.4	35.4	53	53
Loading Q'ty	W Pipe	20/40ft/Jumbo	91/193/216	91/193/216	61/128/150	61/128/150
	W/O Pipe	20/40ft/Jumbo	101/209/233	101/209/233	66/138/153	66/138/153
Technical Information						
SVC Valve	Liquid	ODxL	Φ6.35mmx5m	Φ6.35mmx5m	Φ6.35mmx5m	Φ6.35mmx5m
	Gas	ODxL	Φ9.52mmx5m	Φ9.52mmx5m	Φ12.7mmx5m	Φ15.88mmx5m
Piping Length	STD	m	5	5	5	5
	Max	m	15	15	30	30
Piping Height	Max	m	8	8	15	15
Refrigerant	G					
Add Refrigerant	g/m					
Features						
MPI			●	●	●	●
Good'sleep II			●	●	●	●
Silver Nano Health System	Silver Coated Filter		●	●	●	●
	Silver Coated Evaporator		●	●	●	●
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)		●	●	●	●
	Catechin Filter		●	●	●	●
	Deodorizing Filter		●	●	●	●
Operating Mode	Digital i Plus		●	●	●	●
	Dehumidification		●	●	●	●
	Turbo Mode		●	●	●	●
	Timer		●	●	●	●
	Energy Saving Mode		●	●	●	●
	Auto Restart		●	●	●	●
	Auto Changeover		●	●	●	●
Convenience	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
	Auto Grille		●	●	●	●
	Remote Controller		●	●	●	●
Etc.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-10~43	-10~43	-10~43	-10~43
	Heating	°C	-15~24	-15~24	-15~24	-15~24

### Notes

\*1) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

\*2) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

\*3) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

4) Due to ongoing improvement on products, specifications may change without prior notice.