



# AllianceAir

## VERTU

ELEGANCE, ECONOMY & ECO-FRIENDLINESS



- *Elegant mirror finish design complements any décor*
- *Efficient Inverter technology: uses up to 40% less electricity than a conventional airconditioner*
- *Competitively priced*
- *Eco-friendly R410A gas*
- *Sleep Mode and Auto Restart*
- *Backed nationwide by Alliance Air*

# NEW ALLIANCE AIR VERTU: Inverter technology never looked in better shape!



No doubt about it: with ever-increasing electricity costs, efficient Inverter technology is the way to go in airconditioning. Now the Alliance Air Vertu adds mirror-finish elegance to efficiency and economy – and at a highly competitive price as well.

Thanks to Alliance Air's Inverter technology, a variable-speed compressor enables room temperature to be kept at preset temperature without frequent switching of the compressor on and off. The result is electricity

savings of up to 40% less than a conventional airconditioner – economical warmth in winter and cost-effective cooling in summer.

Available in 4 models from 9000 BTU up to 24 000 BTU, the Vertu uses eco-friendly R410A gas and, in addition, has Sleep Mode and Auto Restart as standard. Sold and supported nationwide by Alliance Air, the Vertu heralds a new dawn in cost-effective, eco-friendly airconditioning.

MODEL		Units	AAV-09HP	AAV-12HP	AAV-18HP	AAV-18HP
Cooling	Capacity	Btu/h	9000(3000~10500)	12000(4000~13800)	18000(5100~22000)	24000(12000-25000)
	Rated current	A	3.8(1.2~5.0)	4.9(1.7~6.5)	7.2(1.8~10.2)	10.2(3.6-11.2)
	EER	W/W	3.2	3.21	3.21	3.01
Heating	Capacity	Btu/h	10000(3200~11500)	13000(4100~14500)	18500(5300~23000)	25000(11000-26000)
	Rated current	A	3.7(1.2~5.2)	4.7(1.8~6.6)	6.5(1.6~9.5)	9.4(3.2-11.8)
	COP	W/W	3.6	3.63	3.61	3.41
Max. input consumption		W	1610	2550	2950	2800
Max. current		A	7.0	12.0	13.5	15
Starting current		A	5.5	7.3	10.2	12
Indoor air flow (Hi/Mi/Lo)		m3/h	500/420/360	700/520/420	800/700/600	1300/1250/1150
Indoor noise level (Hi/Mi/Lo)		dB(A)	38/35/32	41/38/35	41/38/35	48/45/42
Indoor unit	Dimension(W*D*H)	mm	795x165x270	845x165x286	995x194x292	1080x200x320
	Packing (W*D*H)	mm	850x285x340	905x285x355	1100x290x415	1180x425x310
	Net/Gross weight	Kg	9.5/12.5	10/13.5	11/15	14.5/20
Outdoor unit	Dimension(W*D*H)	mm	700x235x535	760x285x590	760x285x590	895x330x860
	Packing (W*D*H)	mm	815x325x580	887x355x645	887x355x645	1043x395x915
	Net/Gross weight	Kg	28/30	40/43	39.5/42	64/70
Refrigerant type		g	R410A/700g	R410A/1000g	R410A/1100g	R410A / 2240g
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35 / Ø9.53(1/4"/3/8")	Ø6.35 / Ø12.7(1/4"/1/2")	Ø6.35 / Ø12.7(1/4"/1/2")	Ø9.52 / Ø16(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	20	25
	Max. difference in level	m	8	8	8	10
Operation temp		–	17-30	17-30	17-30	17-30
Ambient temp (cooling/heating)		–	18-50/-15-34	18-50/-15-34	18-50/-15-34	18-50/-15-34

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