

**NEW**

# Alliance

*WHISPER (R22) SERIES*

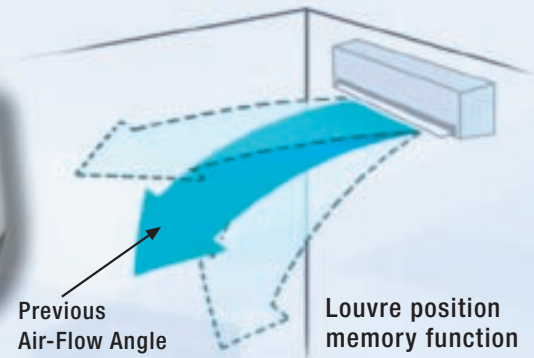
*9/12/18/24/30 000 Btu/hr models*



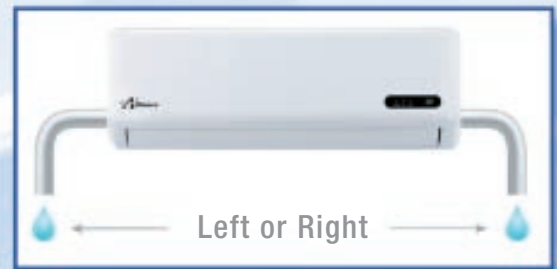
New elegance, new 2-way  
piping connection,  
new louvre memory function,  
proven Alliance quality

# WHISPER (R22) SERIES

## 9/12/18/24/30 000 Btu models



- Brand-new styling
- Choice of 5 models
- Cooling/heating
- 2-way piping connection
- Louvre position memory function
- Highly competitive price
- Backed nationwide by Alliance branches



2-Way piping connection

### Technical Data

Model			AAN09	AAN12	AAN18	AAN24	AAN30
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000	30000
	Input	W	1014	1465	2200	2700	3575
	Rated current	A	4.4	6.0	10.0	12.0	16.0
	EER	W/W	2.60	2.40	2.40	2.60	2.46
Heating	Capacity	Btu/h	9500	11000	18000	24000	30000
	Input	W	930	1343	2030	2500	3175
	Rated current	A	4.0	5.5	9.5	11.3	14.2
	COP	W/W	3.00	2.40	2.60	2.81	2.77
Moisture Removal		L/h	1.0	1.2	1.7	2.2	2.6
Max. input consumption		W	1600	1800	2300	3500	4000
Starting current		A	18.2	31	43.1	54	63.4
Indoor air flow (Hi/Mi/Lo)		m <sup>3</sup> /h	580/500/400	550/500/450	800/700/510	1200/1100/900	1250/1100/900
Indoor noise level (Hi/Mi/Lo)		dB(A)	39/36/29	41/37/31	44/42/35	47/45/36	49/44/37
Indoor unit	Dimension(W*D*H)	mm	770x188x255	770x188x255	905x198x275	1030x218x315	1030x218x315
	Packing (W*D*H)	mm	835x265x330	835x265x330	970x270x345	1115x395x300	1115x395x300
	Net/Gross weight	Kg	7.5 / 9	7.5 / 9	9.5 / 11	12 / 15	12 / 15
Outdoor air flow		m <sup>3</sup> /h	1650	1900	2000	2500	2700
Outdoor noise level		dB(A)	56	57	56	63	61
Outdoor unit	Dimension(W*D*H)	mm	700x240x540	780x250x540	780x250x540	820x330x595	845x320x700
	Packing (W*D*H)	mm	815x325x580	910x335x585	910x335x585	940x415x645	965x395x755
	Net/Gross weight	Kg	24.5/26	28 / 30	32 / 34	44.5/47.5	55 / 58
Refrigerant type		g	R22/650g	R22/630g	R22/1270g	R22/1770g	R22/1800g
Design pressure		MPa	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	10	10	10	20	20
	Max. difference in level	m	5	5	5	10	10
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24
Application area		m <sup>2</sup>	13-22	18-29	25-42	31-51	35-58

Alliance reserves the right to discontinue or change specifications or design at any time without notice and without incurring obligation.

Sold, distributed and nationally supported by Alliance at:

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