



Alliance

*Caspian Inverter R410A
Airconditioner Range*

9000, 12 000, 18 000
and 24 000 Btu/h

- Energy-efficient Inverter technology
- Sleek design
- LED temperature display
- Cooling/heating
- For areas from 13m² to 56m²
- Backed nationwide by Aircon Experts with warehouses in all metropolitan areas

 AIRCON EXPERTS
(PTY) LTD.

Caspian Inverter R410A Airconditioner Range

9 000, 12 000, 18 000 and 24 000 Btu/h

Alliance's new Caspian Inverter range from 9000 to 24 000 Btu/h offers not only the eco-friendliness of R410A gas, but also Inverter energy-efficiency with COPs as high as 3.63. Featuring a sleek softly curved silhouette, the Caspian range has an LED temperature display and large inlet/outlet grills to maximise airflow. Offering both cooling as well as heating, the Caspian range is backed nationwide by Aircon Experts



SPECIFICATIONS

Model			INAA09	INAA12	INAA18	INAA24
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Cooling	Capacity	Btu/h	9000(2250-10000)	12000(2450-13500)	18000(5100-22000)	24000(12000-25000)
	Input	W	770(180-1100)	1000(210-1380)	1550(380-2000)	2100(820-2500)
	Rated current	A	3.4(0.9-4.8)	4.4(1.0-6.2)	6.9(1.8-10.2)	9.4(3.6-11.2)
	EER	W/W	3,21	3,22	3,21	3,21
Heating	Capacity	Btu/h	10000(2300-11000)	13500(2800-16000)	18000(5300-23000)	25000(11000-27000)
	Input	W	770(170-1050)	1010(210-1480)	1380(350-2000)	1950(800-2700)
	Rated current	A	3.4(0.8-4.6)	4.5(1.0-6.6)	6.2(1.6-9.0)	8.5(3.5-12.0)
	COP	W/W	3,62	3,63	3,61	3,61
Moisture Removal		L/h	1	1,1	1,7	2,5
Max. input consumption		W	1650	1950	2550	2950
Max. current		A	7,5	9	11,5	13,5
Indoor air flow (Hi/Mi/Lo)		m ³ /h	530/430/390	630/550/420	850/750/550	1200/1100/900
Indoor noise level (Hi/Mi/Lo)		dB(A)	36/30/28	38/35/28	43/39/33	47/45/39
Indoor unit	Dimension(W*D*H)	mm	680x178x255	770x188x255	905x198x275	1030x218x315
	Packing (W*D*H)	mm	745x255x330	835x265x330	970x270x345	1115x395x300
	Net/Gross weight	Kg	7 / 8	7.5 / 9.5	9 / 11.5	12 / 15
Outdoor air flow		m ³ /h	1650	1800	2200	2700
Outdoor noise level		dB(A)	56	56	55	59
Outdoor unit	Dimension(W*D*H)	mm	700x240x540	780x250x540	760x285x590	845x320x700
	Packing (W*D*H)	mm	815x325x580	910x335x585	887x355x645	965x395x755
	Net/Gross weight	Kg	26.5 / 28	28.6 / 30	34.8/38	47.4 / 52.5
Refrigerant type		g	R410A/700g	R410A/760g	R410A/1180g	R410A/1950g
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side / Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	20	25
	Max. difference in level	m	8	8	8	10
Operation temperature	Indoor (cooling/ heating)	°C	≥17/≤30	≥17/≤30	≥17/≤30	≥17/≤30
	Outdoor (cooling/heating)	°C	0-50/-15-30	0-50/-15-30	0-50/-15-30	0-50/-15-30
Application area		m ²	13-22	16-27	25-42	34-56

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

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Sales (Air-Conditioners ONLY!) – sales@airconexperts.co.za

Quotations (Air-Conditioners WITH Installations – Gauteng Only!) – quotes@airconexperts.co.za

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