



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 56 m²
- Backed nationwide by Fourways Airconditioning with branches in all major metropolitan areas

fourways 
AIRCONDITIONING

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 Fourways Airconditioning with branches in all major metropolitan areas.



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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