

NEW

Alliance

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## New Arctic Midwall Inverter Range

- Sleek new design with hidden LED temperature display
- Maximum energy efficiency thanks to advanced Alliance Inverter technology
- Heating and cooling
- 4 models from 9000 to 24 000 Btu/h
- Suitable from areas from 18m<sup>2</sup> to 43 m<sup>2</sup>
- Backed nationwide by Alliance



[www.allianceair.co.za](http://www.allianceair.co.za)

# Alliance Arctic Midwall Inverter Range

With highly-efficient Inverter technology, these new Alliance midwalls offer EERs as high as 3.25 and COPs up to 3.42. Their sleek lines with hidden temperature display harmonise with any décor. An indoor airflow of up to 1018 m<sup>3</sup>/hr ensures a broad range of uses in both offices and homes, while piping length of up to 30 metres allows for convenient positioning of outdoor unit. Backed nationwide by Alliance with branches in 8 major metropolitan centres.



Model			FOUSI09/FOUSI09X	FOUSI12/FOUSI12X	FOUSI18/FOUSI18X	FOUSI24/FOUSI24X
Power supply		Ph-V-Hz	1Ph, 220-240V~ 50Hz	1Ph, 220-240V~ 50Hz	1Ph, 220-240V~ 50Hz	1Ph, 220-240V~ 50Hz
Cooling	Capacity	W	2550	3355	4947	6475
	Input	W	785	1104	1644	2137
	Rated current	A	3,55	4.85	7.23	9,39
	EER	W/W	3,25	3,04	3,01	3,03
Heating	Capacity	W	2830	3410	5005	6560
	Input	W	830	997	1468	1918
	Rated current	A	3.65	4.38	6.45	8,54
	COP	W/W	3.41	3,42	3,41	3,42
Max. input consumption		W	2075	2050	2300	2800
Max. current		A	9.5	9.5	10	14
Indoor air flow (Hi/Mi/Lo)		m <sup>3</sup> /h	420/320/270	560/498/440	833/664/538	1018/810/607
Indoor noise level (Hi/Mi/Lo)		dB(A)	40/34/29.5/25	43.8 /38.0 /28.8	44.4 /39 /32.5	48/42/36
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x360	870x270x360	1035x295x380	1120x405x310
	Net/Gross weight	Kg	6.8/8.9	8.3/10.8	11.5/14.7	13.3/16.6
Outdoor noise level		dB(A)	55,5	56.4	56.9	62
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	770x300x555	845x363x702
	Packing (W*D*H)	mm	900x345x585	900x345x585	900x345x585	965x395x755
	Net/Gross weight	Kg	25.2/27.4	25.5/27.9	30.6/32.9	50/53.3
Refrigerant type		g	R410A/800	R410A/760	R410A/1250	R410A/1560g
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)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Thermostat type			Remote Control	Remote Control	Remote Control	remote control
Operation temperature		°C	17-32/0-30	17-30	17-30	17-30
Room temperature	Indoor(cooling/ heating)	°C	-15-50/-15-30	17-32/0-30	17-32/0-30	17-32/0-30
	Outdoor(cooling/heating)	°C	12	18-52/-15-30	18-52/-15-30	0-50/-15-30
Application area (Cooling Standard)		m <sup>2</sup>	18	16-23	24-35	29-43

Test conditions: ambient temperature 20°C /15°C; water circulation from 60°C to 65°C.

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

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