



Alliance

G-Series Inverter Cassettes

12 000 to 60 000 Btu/h

- 7 models, single phase and 3-phase
- Inverter economy plus Alliance quality and cost-competitiveness
- COPs as high as 3.67
- Indoor airflow from 480m³/h up to 2000 m³/h
- Max pipe length 65m (36 to 60 000 models)
- Backed nation wide by Aircon Experts with warehouses in all metropolitan areas



AIRCON EXPERTS
(PTY) LTD.

Alliance G-Series Inverter Cassettes

Inverter economy combined with Alliance cost-competitiveness makes this range an ideal choice for projects that demand high energy-efficiency. Suitable for both domestic as well as commercial applications, these new G-Series Alliance Cassettes are the perfect solution for jobs with tight budgets but where quality is non-negotiable. Backed nation wide by Aircon Experts with warehouses in all metropolitan areas.



SPECIFICATIONS

INDOOR UNIT			MAC12CAIN-G	MAC18CAIN-G	MAC24CAIN-G	MAC36CAS-G	MAC36CAIN-S-G	MAC48CAIN-G	MAC60CAIN-G
Power supply		V-Ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50
Cooling	Capacity	Btu/h	12000	18000	24000	36000	36000	48000	60000
	Input	W	1095	1640	2110	3260	3260	4160	5040
	Current	A	5,00	7,35	9,66	14,92	14,92	19,03	8,7
	EER	W/W	3,21	3,21	3,26	2,52	3,24	3,24	3,2
Heating	Capacity	Btu/h	13000	19000	26400	39000	39000	50000	60000
	Input	W	1055	1540	2170	3350	3350	3980	4630
	Current	A	4,59	6,90	9,93	15,33	15,33	18,22	8
	COP	W/W	3,61	3,61	3,56	2,74	3,41	3,68	3,67
Indoor Air Flow (Hi/Med/Lo)		m³/h	700/580/480	800/710/560	1250/1050/900	1800/1600/1400	1800/1600/1400	1750/1550/1350	2000/1700/1500
Indoor Noise Level (Sound Pressure - Hi/Med/Lo)		dB(A)	44/39/34	48/42/38	51/45/38	52/48/45	52/48/45	52/49/46	53/47/44
Indoor Unit	Dimensions (WxDxH)(Body)	mm	570x570x260	570x570x260	840x840x245	840x840x245	840x840x245	840x840x245	840x840x287
	Packing (WxDxH)(Body)	mm	655x655x290	655x655x290	900x900x217	900x900x257	900x900x257	900x900x257	900x900x292
	Net/Gross weight (Body)	kg	14.3/17.4	16.5/19	21.5/25	24.5/28	24.5/28	27/30.5	31/34
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage Water Pipe Diameter		mm	ØØ25	ØØ25	ØØ32	ØØ32	ØØ32	ØØ32	ØØ32
Refrigerant Piping Liquid Side / Gas Side		mm	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Controller			Remote control	Remote control	Remote control	Remote control	Remote control	Remote control	Remote control
Operation Temperature		°C	17~30	17~30	17~30	17~30	17~30	17~30	17~30
Room Temperature	Cooling	°C	17~32	17~32	17~32	17~32	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30	0~30	0~30	0~30
OUTDOOR MODEL			MAC12HRINX-G	MAC18HRINX-G	MAC24HRINX-G	MAC36HRINX-G	MAC36HRINX-S-G	MAC48HRINX-G	MAC60HRINX-G
Power supply		V-Ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50	380-415-3-50
Max. Input Consumption		W	2500	2200	3000	4800	5000	7200	7500
Max. Input Current		A	11,5	10,0	13,5	22	14	13	15
Outdoor Noise Level (Sound Pressure)		dB(A)	57	57	58	64	63	63	64
Outdoor Unit	Dimensions (WxDxH)	mm	810x310x558	810x310x558	845x320x700	990x345x965	990x345x965	938x392x1369	938x392x1369
	Packing (WxDxH)	mm	930x400x615	930x400x615	965x395x755	1120x435x1100	1120x435x1100	1095x495x1505	1095x495x1505
	Net/Gross weight	kg	30/32.5	36.7/40	52/55	75/84.5	81/91	102/118	107/120
Refrigerant Type /Quantity	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Charged Volume	kg	0.95	1,83	2,1	2,65	2,6	3,8	4,6
Design Pressure		Mpa	4.2/1.5	4.2/1.5	4.2/1.5	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/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. Pipe Length	m	25	30	50	65	65	65	65
	Max. Difference in Level	m	10	20	25	30	30	30	30
Ambient Temp.	Cooling	°C	0-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24

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

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