



Alliance

G-Series Cassettes

7 models from 12 000 to 60 000 Btu/h



- Alliance quality and competitive pricing
- 12 000 to 60 000 Btu/h, single and 3-phase
- COPs of over 3
- Heating and cooling
- Indoor airflows from 430 to 2000m³/h
- Max pipe length 50m (60 000 model)

Total Comfort

Alliance G-Series Cassettes

Alliance's new non-inverter G-Series Cassettes are suitable for both domestic and commercial use. Competitively priced, they offer Alliance's proven quality backed by nationwide after-sales service and technical support. With a range of 7 different models, these new G-Series Alliance cassettes provide the ideal solution for projects where budgets are limited yet quality is non-negotiable.



SPECIFICATIONS

INDOOR UNIT			MAC12CA-G	MAC18CA-G	MAC24CA-G	MAC36CA-S-G	MAC36CA-G	MAC48CA-G	MAC60CA-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	1252	1947	2600	4040	3982	5191	6272
	Current	A	5,81	9,1	7.0 11.9		7	9.2	11
	EER	W/W	2,81	2,71	2,71	2,61	2,65	2,71	2,57
Heating	Capacity	Btu/h	12700	19000	26400	36000	40000	52000	61000
	Input	W	1182	1724	2450	3895	3607	4763	5843
	Current	A	5,48	7,97	6.8 11.2		6.4	8.5	10.3
	COP	W/W	3,15	3,23	3,16	2,71	3,25	3,2	3,06
Indoor Air Flow (Hi/Med/Lo)		m ³ /h	650/550/430	810/650/530	1200/1050/900	1800/1600/1400	1800/1600/1400	1900/1600/1400	2000/1700/1500
Indoor Noise Level (Sound Pressure - Hi/Med/Lo)		dB(A)	40/35/31	46/40/35	48/46/41	53/49/46	51/47/43	53/48/44	53/48/44
Indoor Unit	Dimensions (WxDxH)(Body)	mm	570x570x260	570x570x260	840x840x205	840x840x245	840x840x245	840x840x245	840x840x287
	Packing (WxDxH)(Body)	mm	655x655x290	655x655x290	900x900x217	900x900x257	900x900x257	900x900x257	900x900x292
	Net/Gross weight (Body)	kg	14.5/17	16.5/19	23/27	25/28.5	25/28.5	27/32	29/34
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	ODØ25	ODØ25	ODØ32	ODØ32	ODØ32	ODØ32	ODØ32
Refrigerant Piping	Liquid Side / Gas Side	mm	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/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")
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			MAC12HRX-G	MAC18HRX-G	MAC24HRX-G	MAC36HRX-S-G	MAC36HRX-G	MAC48HRX-G	MAC-60HRX-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	1740	2950	3450	4950	4950	6300	7500
Max. Input Current		A	8,5	15	18	30	10	10,9	12,6
Outdoor Noise Level (Sound Pressure)		dB(A)	56	58	59	61	61	63	63
Outdoor Unit	Dimensions (WxDxH)	mm	780x250x540	760x285x590	845x320x700	990x345x965	990x345x965	900x350x1170	900x350x1170
	Packing (WxDxH)	mm	910x335x585	887x355x645	965x395x755	1120x435x1100	1120x435x1100	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	29.8/32	37/39	49.2/52.2	87/97.2	85/95	93.2/105	97/108
Refrigerant Type /Quantity	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Charged Volume	kg	1.1	1,4	1,8	2,6	2,4	3,25	3,2
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/Ø12.7(1/4"/1/2")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")
	Max. Pipe Length	m	15	25	25	30	30	50	50
	Max. Difference in Level	m	8	15	15	20	20	25	25
Ambient Temp.	Cooling	°C	18-43	18-43	18-43	18-43	18-43	18-43	18-43
	Heating	°C	-7-24	-7-24	-7-24	-7-24	-7-24	-7-24	-7-24

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

Total Comfort

KZN: Tel: (032) 648 0037
 Email: sales@totalcomfort.co.za
 GAUTENG: Tel: (011) 795 3696
 Email: gauteng@totalcomfort.co.za

www.totalcomfort.co.za

Alliance