



# Alliance

**NEW**

## FOUR-WAY COMPACT CASSETTE

12 000 Btu/hr (MAC12CA) and 18 000 Btu/hr (MAC18CA)



- *Cooling and heating*
- *R410A gas*
- *Indoor air flow from 400 m<sup>3</sup>/h to 800 m<sup>3</sup>/h*
- *4-way airflow*
- *Quiet*
- *Backed nationwide by Alliance*

## Alliance Four-way Compact Cassette 12 000 Btu/hr (MAC12CA) and 18 000 Btu/hr (MAC18CA)

Remote-controlled, with both cooling and heating functions, the new range of Alliance 12 000 and 18 000 Btu/hr Compact Cassettes is ideal for smaller commercial applications or domestic areas from 20m<sup>2</sup> up to 35 m<sup>2</sup>. R410A gas ensures efficiency and eco-friendliness. Quiet in operation, with indoor airflows from 400 m<sup>3</sup>/h to 800 m<sup>3</sup>/h, these Cassettes are backed nationwide by Alliance branches in all major metropolitan areas, and available at a very competitive price.



### SPECIFICATIONS

Model Indoor			MAC12CA	MAC18CA
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50
Indoor air flow (Hi/Med/Lo) m <sup>3</sup> /h			680/600/400	800/710/560
Indoor noise level (sound pressure) (Hi/Mid/Lo)		dB(A)	41/38/35	44/41/38
Indoor unit	Dimension (W x D x H) (body)	mm	570x570x260	570x570x260
	Packing (W x D x H) (body)	mm	655x655x290	655x655x290
	Dimension (W x D x H) (panel)	mm	647x647x50	647x647x50
	Packing (W x D x H) (panel)	mm	715x715x123	715x715x123
	Net/Gross weight (body)	kg	15/18	17.5/20
	Net/Gross weight (panel)	kg	2.5/4.5	2.5/4.5
Design pressure		MPa	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ØDØ25	ØDØ25
Refrigerant piping	Liquid side/Gas side	mm	Ø6.35/Ø12.7	Ø6.35/Ø12.7
Operation temperature	Cooling	°C	17~32	17~32
	Heating	°C	0~30	0~30
Model Outdoor				
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50
Max. input consumption		W	1740	2950
Max. input current		A	8.5	15
Outdoor air flow (Max.)		m <sup>3</sup> /h	1800	2400
Outdoor noise level (sound pressure)		dB(A)	55	54
Outdoor unit	Dimension(WxDxH)	mm	780x250x540	760x285x590
	Packing(WxDxH)	mm	910x335x585	887x355x645
	Net/Gross weight	kg	28/30	38/40
Refrigerant type/Quantity	Type		R410A	R410A
	Charged volume	kg	0.96	1.4
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm	Ø6.35/Ø12.7	Ø6.35/Ø12.7
	Max. pipe length	m	15	25
	Max. difference in level	m	8	15
Ambient temperature	Cooling	°C	18~43	18~43
	Heating	°C	-7~24	-7~24

The values given in the table for the noise level reflect the levels in anechoic chamber.

Due to Alliance's policy of constant improvement, specifications are subject to change without prior notice.

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**fourways**  
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