



# Alliance

## ATLANTIC R410A SPLIT

MCAP 09/12/18/24/32

- Eco-friendly R410A gas
- 5 models from 9000 Btu/h to 32 000 Btu/h
- Cooling/heating
- For areas from 13m<sup>2</sup> to 63 m<sup>2</sup>
- Backed nationwide by Alliance with branches in all major metropolitan centres

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AIRCONDITIONING

# Alliance Atlantic Split R410A (Non-Inverter)

With a range of 5 different single-phase units, the Alliance Atlantic Split R410A is a cost-effective way of airconditioning both domestic as well as office areas. With indoor airflows up to 1400 m<sup>3</sup>/h (32 000 Btu/h model), Alliance Atlantic Splits units have cooling/heating capacities up to 32 000 Btu/hr, while R410A gas ensures eco-friendliness. Backed nationwide by Alliance with branches in all major metropolitan centres.



## SPECIFICATIONS

Model			MCAP09	MCAP12	MCAP18	MCAP24	MCAP32
Power supply		Ph-V-Hz	1Ph, 220-240V~, 50Hz	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	1Ph, 220-240V~, 50Hz
Cooling	Capacity	Btu/h	9000	12000	18000	24000	32000
	Input	W	820	1250	1640	2370	3480
	Rated current	A	3.7	5,68	7.5	10.8	15.82
	EER	W/W	3.21	2,81	3.21	2.97	2.7
Heating	Capacity	Btu/h	9500	12000	18000	24000	32000
	Input	W	770	1115	1460	1930	3280
	Rated current	A	3.4	5,07	7.3	9.0	14.9
	COP	W/W	3.61	3,15	3.61	3.64	2.86
Moisture Removal		L/h	1.0	1,1	1.8	2.3	---
Max. input consumption		W	1100	1580	2200	2800	5000
Max. current		A	5.5	8,2	12.0	14.5	24.0
Starting current		A	21.7	22.2	31.8	----	84/92
Indoor air flow (Hi/Mi/Lo)		m <sup>3</sup> /h	480/370/300	600/530/410	750/630/510	1000/850/720	1400/1220/980
Indoor noise level (Hi/Mi/Lo)		dB(A)	38/33/29	44/40/33	46/41/35	49/45/40	51/46/41
Indoor unit	Dimension(W*D*H)	mm	710x189x250	790x196x275	930x198x275	1036x230x315	1259x282x362
	Packing (W*D*H)	mm	775x260x324	865x265x350	1015x265x350	1135x435x315	1340x450x380
	Net/Gross weight	Kg	7 / 9.5	8 / 10	10 / 12.5	13 / 18	21/26.7
Outdoor noise level		dB(A)	54	55	60	58	63
Outdoor unit	Dimension(W*D*H)	mm	700x240x540	700x240x540	760x285x590	845x320x700	945x395x810
	Packing (W*D*H)	mm	815x325x580	815x325x580	887x355x645	965x395x755	1090x475x855
	Net/Gross weight	Kg	24.5 / 26.5	24.5 / 26.5	37.5 / 39.5	45 / 49	75/80
Refrigerant type		g	R410A/620g	R410A/770g	R410A/1150g	R410A/1340g	R410A/2650g
Design pressure		MPa	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	Φ6.35/Φ9.52	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ15.9	Φ9.52/Φ15.9
		inch	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	1/4"/5/8"	3/8"/5/8"
Max. refrigerant pipe length		m	20	20	25	25	25
Max. difference in level		m	8	8	10	10	10
Operation temperature	Indoor (cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor (cooling/heating)	°C	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24
Application area		m <sup>2</sup>	13-22	16-27	26-44	32-53	43-63

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

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