



R410 UNIT SPECIFICATIONS



RESIDENTIAL

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Split Type Room Air Conditioner
(Outdoor Unit)

5 YEAR
WARRANTY



COLEMAN
AIR CONDITIONING SPECIALISTS

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			12000BTU	18000BTU	24000BTU	36000BTU	
		Ph-V-Hz	220V/60Hz	220V/60Hz	220V/60Hz	208-230V/60Hz	
Cooling	Cooling capacity	W	3300	5100	6100	10000	
	Cooling capacity	BTU	12000	18000	24000	36000	
	Cooling power input	W	1386	2100	2310	3500	
	Cooling current input	A	5.5	9.8	10.1	16.00	
	EER	w/w	2.76	2.43	2.79	2.86	
Max. input consumption		W	1600	2900	3000	4800	
Max. current		A	7.7	15.8	15.6	26	
	Type (Rotary, Piston, scroll)		Rotary	Rotary	Rotary	Rotary	
	Brand		GMCC	Hitach	Hitach	Hitach	
	Capacity	W	3390/3430±5%	5860	7720/7750	10350	
	Power input	W	1115/1130±5%	2035	1480/1500	3680	
	LRA	A	26.9	52	48	85	
	RLA	A	5.4/4.95±5%	9.95	7.1/6.8	18	
	Thermal protector capacity	uF-V		Internal	Internal	Internal	Internal
	Refrigerant oil	ml	ESTER OIL VG74 · 350 ml	HAF68D1 or equivalent 600±20 ml	68HES-H or equivalent .600	HAF68D1 or equivalent .880	
	Power input	W	40	49	54	105	
		capacity	uF	1.2	1.2	1.8	2.5/450
	Indoor Fan Speed RPM	r/min	1350±30	1250±20 1150±30 1050±40	1300/1150/1000	1300/1150/1000	
		Indoor fan dia. × length	mm	φ97χ583	φ98×707	φ102×707	φ108×1040
	Rows×Tubes ×Circuits		2*12	2*17*3	2*20	2×20×8	
	Fin type		hydrophilic fin	open window fin	Aluminum foil fin	open window hydrophilic fin	

		Tube outside dia. and typ	mm	φ5+0.2/Internal thread tube	φ7Internal thread tube	φ7/R410A	φ7.0×0.25+0.18Internal thread tube
		Coil length × height × width	mm	557*82*21.8 579*167*21.8	705*357*25.4	705*326*25.4	1045×274×24.75 1035×128×24.75
		Indoor Air Circulation	m3/h	500	800	900	1500
		Indoor Noise Level dB	dB(A)	31-41	37-44	42-46	48-53
		Dimension (L×W×H)	mm	745×250×195	900×292×215	900*292*215	1300×332×245
		Packing (L×W×H)	mm	835×330×278	983×377×300	983×377×300	1515×428×345
		Net/Gross weight	Kg	9/11	13/15	14/17	22/26
		Power input	W	72	72	115	230
		capacity	uF	2	2	3	5μF/450V
		Outdoor Fan Speed RPM	r/min	900	900	870	800
	Outdoor fan	dia. ×High	mm	φ408×134	φ408×134	Φ415	Φ552×142
		Rows×Tubes ×Circuits		1*12*2	1*12*2	1*13*2	2*30*6
		Fin type		open window fin	open window fin	open window fin	arc-shaped open window fin
		Tube outside dia. and typ	mm	φ5×0.25Internal thread tube	φ7×0.25Internal thread tube	φ7.0×0.25+0.18/Internal thread tube	φ9.52×0.35/Internal thread tube
		High) Coil length × height × width	mm	657*504*10.9	774*504*18.19	794*550*12.7	988*750*44
		Outdoor Noise Level dB	dB(A)	54	54	54	59
		Dimension (L×W×H)	mm	715×235×540	795*255*540	850×295×605	970*370*790
		Net/Gross weight	Kg	26/28	36/40	40/45	73/82
		Refrigerant type/weight	g	R410A/630g	R410A/900g	R410A/1000g	R410A/2300g
Refrigerant piping /Connection wiring		Liquid side/	mm	φ6.0+φ9.52×3500	φ6.0+φ12.7×4000	φ6.0+φ12.7×4000	φ9.52+φ15.88×5000
		Max. refrigerant pipe length	m	15/5	15/5	15/5	15/5

