

**Geonair**<sup>®</sup>

Air Conditioners & Chillers

**60Hz**  
**7 Stars**

# WALL SPLIT A/C UNITS

## Features

- Anti-Rust Cabinet
- Independent Dehumidification
- Auto Restart Function
- Louver Position Memory Function
- Self-diagnosis and Auto-proection
- Refrigerant Leakage Detection
- Cold Catalyst Filter



SINCE 1977

**GEO ELECTRICAL CONTRACTING TRADING CO. L.L.C**

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# WALL SPLIT A/C UNITS Technical Specifications

Model			GST12F-18CRN1	GST12F-24CRN1	GST12F-30CRN1	GST12F-36CRN1
Indoor			GST12F-18CRN1	GST12F-24CRN1	GST12F-30CRN1	GST12F-36CRN1
Power supply		Ph-V-Hz	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph
Cooling	Capacity	Btu/h	17244	20881	24191	29869
	Input	W	1437	1768	2043	2534
	Rated current	A	6.34	7.6	8.92	10.8
	EER	W/W	3.517	3.461	3.470	3.45
Moisture Removal		L/h	1.7	2.1	2.6	3.1
Max. input consumption		W	2000	2450	2820	3800
Max. current		A	10.3	12.63	14	19.1
Indoor fan motor	Model		RPG45B	RPG45B	RPG45B	RPG60B
	Brand		Welling	Welling	Welling	Welling
	Input	W	89	89	89	113
	Speed(Hi/Mi/Lo)	r/min	1220/1100/850	1220/1100/900	1220/1100/900	1230/1080/900
Indoor air flow (Hi/Mi/Lo)		m3/h	1100/990/760	1100/990/800	1100/990/800	1400/1200/1000
Indoor noise level (Hi/Mi/Lo)		dB(A)	51/47/40	51/47/40	49/46/41	52/47/43
Indoor unit	Dimension(W*D*H)	mm	1045x235x315	1045x235x315	1045x235x315	1250x280x360
	Packing (W*D*H)	mm	1135x395x315	1135x395x315	1135x395x315	1340x450x380
	Net/Gross weight	Kg	13.5/16.5	13.5/16.5	13.5/17	20.5/26
	Model		PA140M2AS-3KTM1	PA180G2CS-3KTM	PA215G2CS-3KUM	PA250G2CS-3KUM
Compressor	Type		ROTARY GMCC	ROTARY GMCC	ROTARY GMCC	ROTARY GMCC
	Capacity	Btu/h	14330	18595	22178	25999
	Input	W	1390	1800	2150	2498
	Refrigerant oil/oil charge	ml	RB75EA 750	RB75EA 700	RB75EA 700	850
Outdoor noise level		dB(A)	60	59	60	62
Outdoor unit	Dimension(W*D*H)	mm	845x320x700	900x315x860	945x395x810	945x395x810
	Packing (W*D*H)	mm	965x395x755	1043x395x915	1090x475x855	1090x475x855
	Net/Gross weight	Kg	42/45	54.5/58.5	63/67.5	66/70
	Refrigerant type	g	R410A/1060g	R410A/1600g	R410A/2250g	R410A/2700g
Design pressure		MPa	4.8/1.5	4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	φ6.35/φ12.7(1/4"/1/2")	φ9.52/φ15.9(3/8"/5/8")	φ9.52/φ19(3/8"/3/4")	φ9.52/φ19(3/8"/3/4")
	Max. refrigerant pipe length	m	20	25	25	25
	Max. difference in level	m	8	10	10	10
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Indoor(cooling/ heating)	°C	17~32/----	17~32/----	17~32/----	17~32/----
	Outdoor(cooling/heating)	°C	18~52/----	18~52/----	18~52/----	18~52/----
Application area		m2	25-42	29-48	35-58	42-71



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