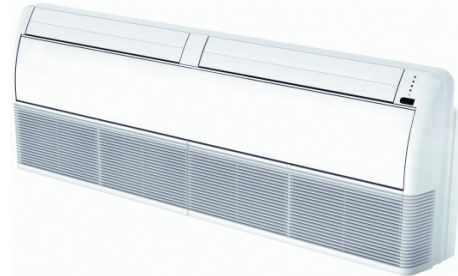
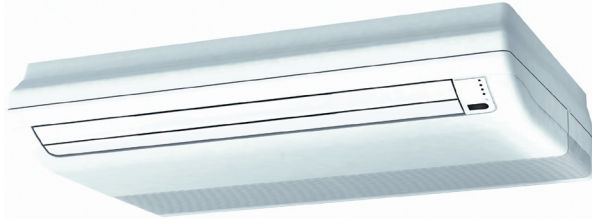


Floor Ceiling - Convertible Split System - R410A CFC 12-48 AM Range



airconditioner

FLOOR CEILING - CONVERTIBLE SPLIT AIRCONDITIONING SYSTEM R410-A

Standard Features

R 410A HIGH EFFICIENCY SPLIT SYSTEM

AUTO RESTART AFTER POWER FAILURE

AUTO CHANGE OVER

HI & LOW PRESSURE PROTECTION

LOW NOISE UNIT

AUTO FAN SPEED

SLEEP MODE & PRE HEAT FEATURE

DEFROST CYCLE ON INDOOR & OUTDOOR COILS

LOW AMBIENT OPERATION-OPTION

WIRED CONTROLLER - OPTION

SELF DIAGNOSTIC FUNCTION

SWING LOUVERS

HIGH EFFICIENCY HEAT EXCHANGER

REMOVABLE & EASY TO CLEAN FRONT PANEL

WIDE ANGLE AIR FLOW

LONG PIPE RUNS

WASHABLE FILTER

INFRA RED CONTROLLER WITH 24 HR TIMER



FLOOR / CEILING - CFC-AM SERIES - (R410A)

MAIN TECHNICAL SPECIFICATIONS

Model	Indoor unit Outdoor unit	CFC-12-HA1-AM CCU-12-HA1-AM	CFC-18-HA1-AM CCU-18-HA1-AM	CFC-24-HA1-AM CCU-24-HA1-AM	CFC-30-HA1-AM CCU-30-HA1-AM	CFC-36-HA1-AM CCU-36-HA3-AM	CFC-48-HA1-AM CCU-48-HA3-AM
Nominal Capacity	Btu/h	12000	18000	24000	30000	36000	48000
Input Power	Kw	3.5	5.4	7.1	9.2	10.5	14
	Kw	1.2	1.9	2.7	3.75	3.75	4.7
Rated current	Amp	6	8.5	12	16.3	6.6	8.2
	Kw/Kw	2.92	2.84	2.63	2.45	2.8	2.98
Nominal Capacity	Btu/h	13500	20000	26000	32000	39000	52000
Input Power	Kw	4	5.9	7.7	9.4	11.4	15.2
	Kw	1.13	1.85	2.8	3.5	3.7	4.9
Rated current	Amp	5	8	12.5	15.2	6.5	8.6
	Kw/Kw	3.54	3.19	2.75	2.69	3.08	3.1
Energy Label	Cooling	C	C	D	E	D	C
Heating	A	B	D	D	D	B	B
Annual Energy Consumption - Cooling	Kw/Hr	600	950	1350	1875	1875	2350
	L/h	1.2	1.8	2.4	3	3.8	4.8
Moisture Removal	PhV/Hz	1/220-240V/50Hz					
Power supply	Amp	7	11.5	14.5	21	8	10.7
Max. Running current	Amp	26	36.8	61	97	61	66
Max. Starting current	Amp						
INDOOR UNIT							
Indoor Unit	Indoor Unit	CFC-12-HA1-AM	CFC-18-HA1-AM	CFC-24-HA1-AM	CFC-30-HA1-AM	CFC-36-HA1-AM	CFC-48-HA1-AM
Air flow(Hi/Mid/Lo)	m3/h	600/480/400	800/600/500	1200/900/700	1400/1200/1000	1400/1200/1000	2000/1800/1600
Noise level (Hi/Mid/Lo)	dB(A)	43/41/38	43/41/38	45/43/40	45/43/40	45/43/40	47/45/42
Dimension (WxHxD) (body)	mm	1089x744x296					
Net/Gross weight (body)	kg	21/30		36/43		40/47	
Dimension (WxHxD) (panel)	mm	650x30x650					
Net/Gross weight (panel)	kg		27/33			34/42	
OUTDOOR UNIT							
Outdoor Unit	Outdoor Unit	CCU-12-HA1-AM	CCU-18-HA1-AM	CCU-24-HA1-AM	CCU-30-HA1-AM	CCU-36-HA3-AM	CCU-48-HA3-AM
Air flow	m3/h	2100	2400	3000	5000	5000	6000
Noise level	dB(A)	43	48	55	57	57	58
Compressor Type		ROTARY					
Compressor Thermal protector		INNER					
System Protection		HP / LP Control					
Dimension(WxHxD)	mm	760x590x285	845x695x335	895x860x330	990x960x360		940x1245x340
Net/ Gross weight	kg	44/48	57/62	68/70	90/102		112/127
Refrigerant - Precharged Qty - UP to 5 m	grm	1120	2050	2600	3450	3100	4000
Add extra grams of refig. per extra meter	grm/m	30	30	65	90	90	90
Liquid side	mm(inch)	6.35 (1/4)	6.35 (1/4)	9.53 (3/8)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
Gas side	mm(inch)	12.7(1/2)	12.7(1/2)	16 (5/8)	19 (3/4)	19 (3/4)	19 (3/4)
Max. pipe length	m	25	25	30	30	30	50
Max. difference in level	m	15	15	15	20	20	30

Notes:

- 1) All capacities are based on: Cooling: indoor 27°C DB, outdoor 35°C DB, 19.5°C WB Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB
- 2) All specifications are subject to change by the manufacturer without prior notice
- 3) Energy Label: Scale from A (Highest efficiency) to G (Lowest efficiency)
- 4) Annual Energy consumption calculated on average of 500 running hours per year on full load

