



The new degree of comfort.®

KINGDOM OF SAUDI ARABIA

INNOVA^oTION

INSPIRED BY LIFE



HIGH EFFICIENCY AIR CONDITIONERS

Learn more at Rheem-MEA.com



WE DON'T MAKE PRODUCTS, WE PROVIDE

SOLUTIONS

SOLUTIONS FOR A GREENER PLANET

At Rheem®, providing The New Degree of Comfort® is about more than just product performance—it's about taking a higher degree of responsibility for future generations. That's why, from air to water and residential to commercial, our focus is on creating solutions that leave you feeling comfortable—and leave the planet a little better than we found it.

SOLUTIONS FOR EFFICIENT & EARTH FRIENDLY PRODUCTS

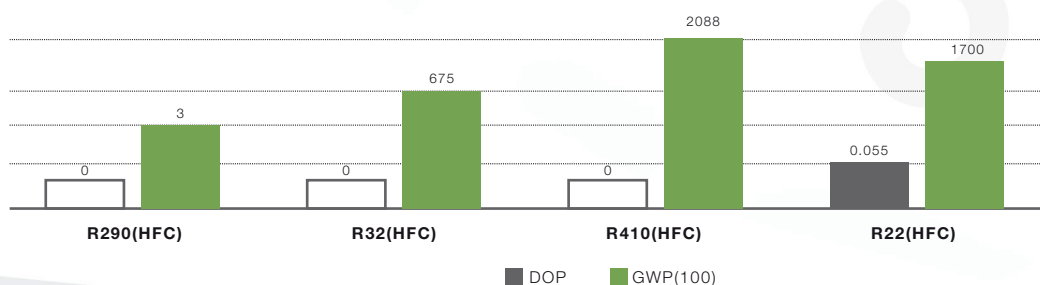
We understand that with increased environmental concerns, R22 is becoming less popular. The production of R22 refrigerant contributes to the depletion of the ozone layer and adds to global warming. Rheem® always focuses on environmentally friendly, energy saving and high performance air conditioners and hence today most of Rheem®'s products are developed with R410A refrigerant. R410A refrigerant is highly efficient and has an Ozone Depletion Potential (ODP) of 0.



ENVIRONMENT FRIENDLY



R410A
Environment friendly refrigerant.



SPLIT AIR-CONDITIONER



MODELS

RW12CRCT00
RW12CRHT00
RW18CRCT00
RW18CRHT00
RW24CRCT00

RW24CRHT00
RW30CRCT00
RW30CRHT00
RW36CRCT00
RW36CRHT00

STANDARD FEATURES



Emergency Button



Anti-cold Air
(*Cool & Heat Model Only)



5-Fan Speed



Dual Drainage



Louver Position Memory



Self-diagnosis



Low Noise



Rust Proof



Shower-style Air Flow
In Cooling Mode

Blanket-Style Air Flow
In Heating Mode



SMART AIR FL^oW

In cooling mode, the cool air blows towards the ceiling to provide a shower - style cooling experience.

In heating mode, the warm air blows towards the floor to provide a blanket - style heating experience.



In Heating Mode

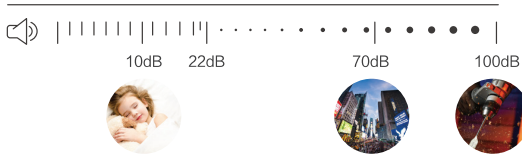


In Cooling Mode



SUPER QUIET

The air conditioner can be very quiet.



HIGH EFFICIENCY

Larger air inlet and outlet and optimized duct system largely increases its efficiency and saves energy consumption.



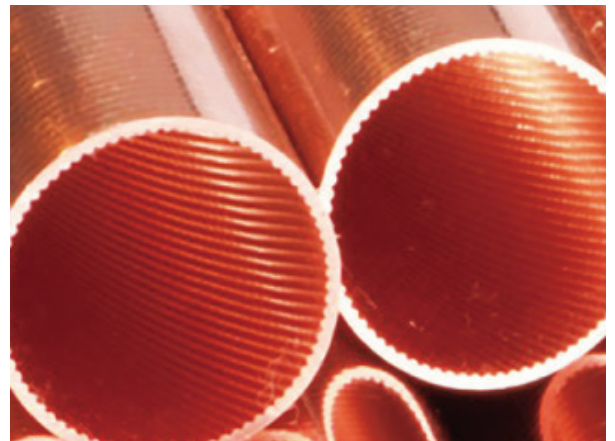
I FEEL

The in-built additional temperature sensor in the remote controller monitors the surrounding temperature. Therefore, the air-conditioner can adjust the room temperature more accurately and provide extra comfort to users.



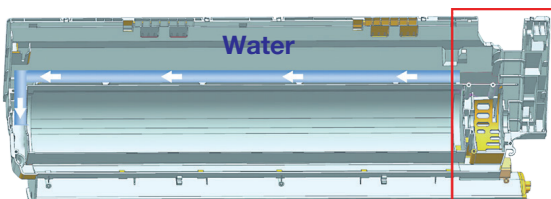
INNER-GROOVED COPPER TUBES

With the high quality inner-grooved copper, the thermal conductivity is significantly improved by 20-30% more than that of smooth tubes, because of the increased surface area of the inner copper wall.



SAFETY DESIGN

- No Connection Between Condensate Water & Electricity.



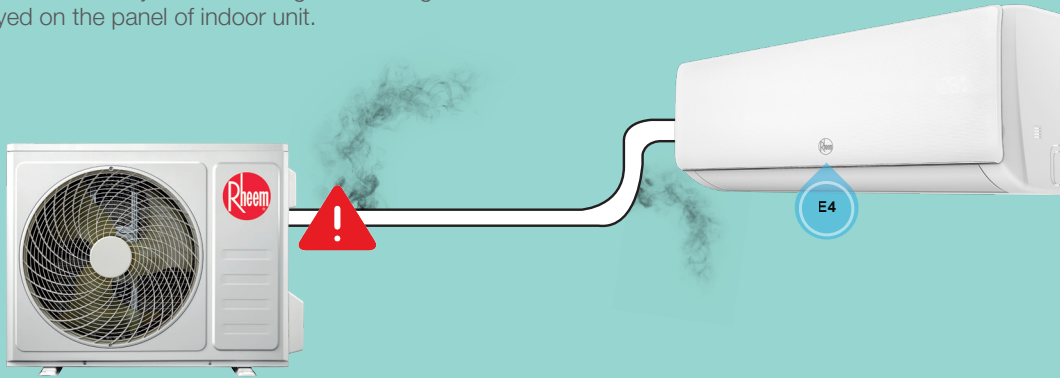
Electric Zone

- Fireproof Electric Control Box
BMC material is applied which creates high heat resistance & erosion resistance.



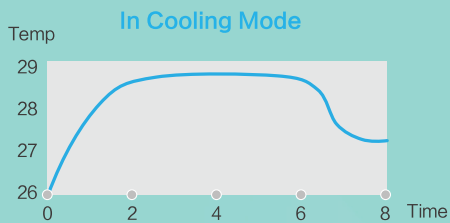
LEAKAGE DETECTION

In cooling mode, the sensor on the evaporator coil will monitor the temperature, and the system will stop operation automatically to ensure safety once the refrigerant leakage is detected. The error code will be displayed on the panel of indoor unit.

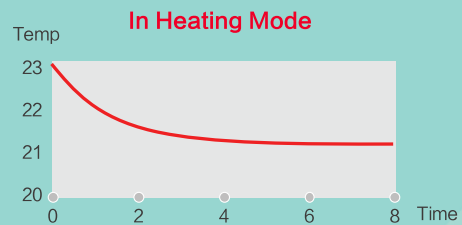


SLEEP MODE

Avoids under-cooling or over-heating while you are asleep.



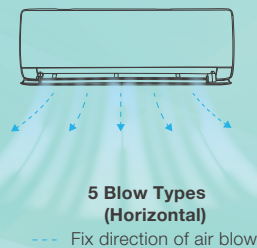
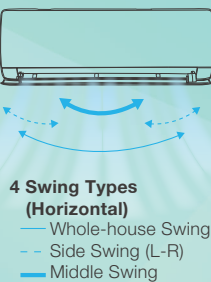
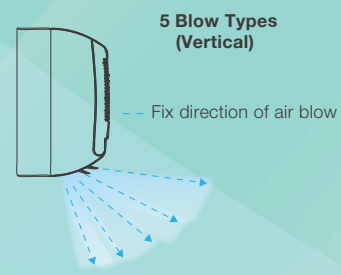
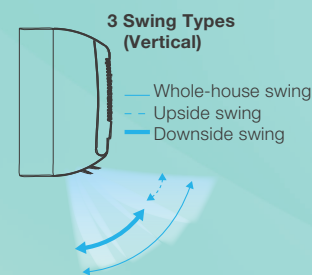
While set on sleep mode, the air conditioner will automatically increase set temperature 1°C (ST+1°C) 1 hour later, ST+2°C after 1 more hour and keep the same condition after that.



While set on sleep mode, the air conditioner will automatically decrease set temperature 1°C (ST+1°C) 1 hour later, ST+2°C after 1 more hour and keep the same condition after that.

VECTOR PRECISION AIR SUPPLY

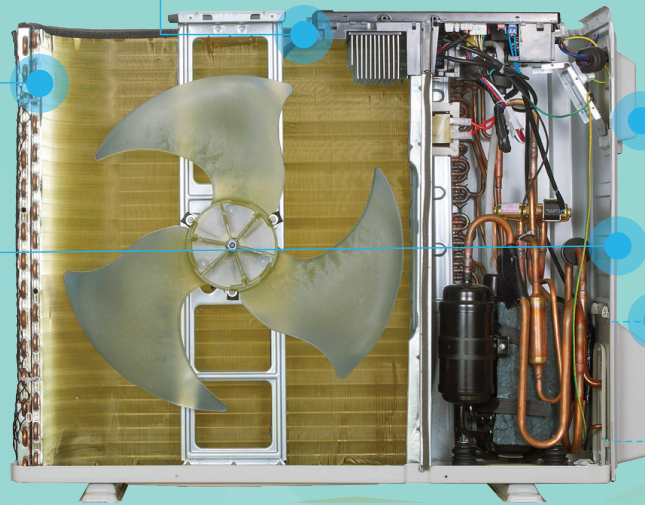
Various precise fixed angles of air supply can provide more comfortable choices for users.



CONDENSING UNIT

Rust-proof, strong corrosion resistance and excellent insulation

Rust-proof technology protects the outdoor unit from corrosion and extends the system life. Prevention of water, insect and dust, with reliable electric control.



Flanging Processed Plate Metal

The edge of metal plate is flanging processed, and the standardized wiring protect the wires from the sharp edge that might result in cutting.

Valve Protection Cover

The Valve cover is tougher to protect the stop valve from collision and can serve as a handle as well.

REMOTE CONTROLLER



01	LED Display Screen
02	ON/OFF
03	Fan Speed Setting
04	Temperature Setting
05	Eco Mode
06	Sleep Mode
07	Mute Mode
08	Turbo
09	I Feel
10	LED Display (ON/OFF)
11	Timer Setting
12	Swing (Horizontal/Vertical)
13	Mode Setting (AUTO/COOL/DRY/FAN/HEAT)

FEATURES SUMMARY

60Hz Rotary										
Range	12k-CO	18k-CO	24k-CO	30k-CO	36k-CO	12k-CH	18k-CH	24k-CH	30k-CH	36k-CH
Sleep	●	●	●	●	●	●	●	●	●	●
Clock (Real Time)	–	–	–	–	–	–	–	–	–	–
Timer ON/OFF	●	●	●	●	●	●	●	●	●	●
Vertical Swing (Motorized or Manual)	●	●	●	●	●	●	●	●	●	●
Horizontal Swing (Motorized or Manual)	●	●	●	●	●	●	●	●	●	●
Energy Saving	●	●	●	●	●	●	●	●	●	●
Air Flow Direction Control	●	●	●	●	●	●	●	●	●	●
Memory	●	●	●	●	●	●	●	●	●	●
Autorestart	●	●	●	●	●	●	●	●	●	●
I Feel	●	●	●	●	●	●	●	●	●	●
Turbo Cooling	●	●	●	●	●	●	●	●	●	●
Self Clean / Blow	–	–	–	–	–	–	–	–	–	–
Anti Freeze Thermostat	–	–	–	–	–	●	●	●	●	●
Self Diagnosis (Error Code)	●	●	●	●	●	●	●	●	●	●
Remote LCD	●	●	●	●	●	●	●	●	●	●
Filter Configuration	●	●	●	●	●	●	●	●	●	●
Intelligent Defrost	–	–	–	–	–	●	●	●	●	●
Filter Dirty Alarm	●	–	●	●	●	●	●	●	●	●
Cold Plasma or Ioniser	○	○	○	○	○	○	○	○	○	○
Children Lock	●	●	●	●	●	●	●	●	●	●
Evaporator Fins	Golden	Golden	Golden	Golden	Golden	Golden	Golden	Golden	Golden	Golden
Condenser Fins	Golden	Golden	Golden	Golden	Golden	Golden	Golden	Golden	Golden	Golden
LP HP Protection	●	●	●	●	●	●	●	●	●	●
Max Piping Capability Total (Metre)	25	25	25	25	25	25	25	25	25	25
Max Piping Capability Vertical (Metre)	15	15	15	15	15	15	15	15	15	15

● Standard

○ Optional

– N/A

CO - Cooling Only

CH- Cooling and Heating

TECHNICAL SPECIFICATIONS

Model No.		RW12CRCT00	RW12CRHT00	RW18CRCT00	RW18CRHT00
Type		cooling only	Heating Pump	cooling only	Heating Pump
Climate type		T3	T3	T3	T3
Power supply		230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz
Voltage Range		V	198~264	198~264	198~264
Refrigerant		kg	R410A/0.730kg	R410A/0.980kg	R410A/1.320 kg
Cooling T1*	Rated capacity	Btu/h	12100	12300	18000
	Rated capacity	kW	3.54	3.60	5.25
	EER	Btu/h/W;	11.85	12.30	12.00
	EER	W/W	3.47	3.60	3.52
	Rated power input	W	1021	1000	1500
	Rated current	A	4.5	4.4	6.7
	Max power input	W	1650	1650	2613
	Max current	A	8.0	8.0	11.8
Cooling T3**	Rated capacity	Btu/h	10600	10200	15500
	Rated capacity	kW	3.09	2.97	4.53
	EER	Btu/h/W;	8.35	8.35	8.50
	EER	W/W	2.45	2.45	2.49
	Rated power input	W	1269	1222	1824
	Rated current	A	5.6	5.4	8.2
	Max power input	W	1650	1650	2613
	Max current	A	8.0	8.0	11.8
Heating	Rated capacity	W	NA	3350	NA
	COP	W/W	NA	3.60	NA
	Rated power input	W	NA	931	NA
	Rated current	A	NA	4.1	NA
	Max power input	W	NA	1400	NA
	Max current	A	NA	5.6	NA
Indoor air volume(Cooling/Heating)		m ³ /h	815	815/815	1050
Annual energy consumption		kwh/year	2757	2700	4050
Indoor noise level	Super	dB(A)	46 (46)	46 (47)	54
	High	dB(A)	43 (44)	43 (44)	50
	Med.	dB(A)	38 (41)	38 (41)	46
	Low	dB(A)	33 (33)	33 (36)	43
	Quite	dB(A)	28 (30)	28 (32)	40
Outdoor noise level		dB(A)	52 (53)	52 (54)	57
Net dimensions (W x D x H)	Indoor		910x294x206	910x294x206	1010x315x220
	Outdoor		817x328x553	817x328x553	920x380x699
Packing dimensions (W x D x H)	Indoor		979x372x277	979x372x277	1096x390x297
	Outdoor (without piping)		858x321x585	858x321x585	960x400x732
	Outdoor (with piping)		858x356x585	858x356x585	960x430x732
Net weight	Indoor	Kg	10	10	13
	Outdoor	Kg	28	29	43
Gross weight	Indoor	Kg	13	13	16
	Outdoor (without piping)	Kg	32	33	47
	Outdoor (with piping)	Kg	33	34	50
Stuffing qty	40'HQ (without piping)		245	245	162
	40'HQ (with piping)		225	225	148
Moisture removal		Liters/h	1.2	1.2	1.8
Compressor	Type		Rotary	Rotary	Rotary
Evaporator			Golden Fin	Golden Fin	Golden Fin
Condenser			Golden Fin	Golden Fin	Golden Fin
DraiN.Age Pipe			O.D 16mm	O.D 16mm	O.D 16mm
Suitable area		m ²	15~23	15~23	20~35

* (I) Entering Air D.B.T / Air W.B.T: 80°F / 67°F, (O) Entering Air D.B.T: 95°F

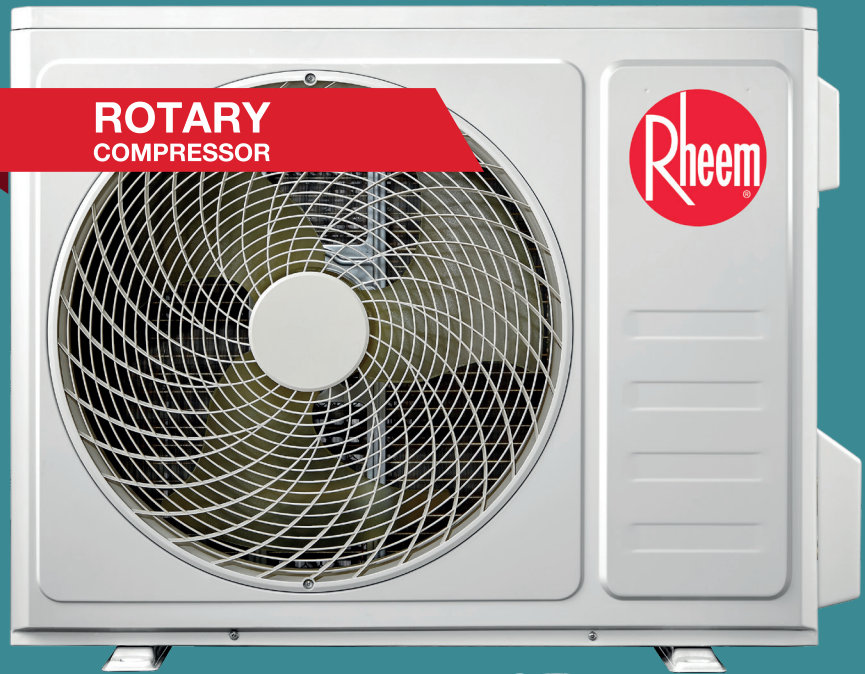
** (I) Entering Air D.B.T / Air W.B.T: 84°F / 67°F, (O) Entering Air D.B.T: 115°F



RW24CRCT00	RW24CRHT00	RW30CRCT00	RW30CRHT00	RW36CRCT00	RW36CRHT00
cooling only	Heating Pump	cooling only	Heating Pump	cooling only	Heating Pump
T3	T3	T3	T3	T3	T3
230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz
198~264	198~264	198~264	198~264	198~264	198~264
R410A /1.050kg	R410A/1.550 kg	R410A/ 2.000 kg	R410A / 2.000 kg	R410A/ 2.350 kg	R410A /2.350 kg
21000	21000	26800	26400	28600	28600
6.15	6.15	7.85	7.75	8.40	8.40
12.00	12.20	12.40	12.40	12.40	12.40
3.52	3.58	3.63	3.63	3.63	3.63
1750	1721	2161	2129	2306	2306
7.8	7.6	9.6	9.4	10.2	10.2
2700	2700	3300	3300	3500	3500
14.0	13.3	17.9	17.9	18.7	18.7
18900	19200	22200	22000	23600	24800
5.52	5.61	6.51	6.45	6.90	7.25
9.00	8.70	8.70	8.70	8.70	8.70
2.64	2.55	2.55	2.55	2.55	2.55
2100	2207	2552	2529	2713	2851
9.4	9.8	11.3	11.2	12.0	12.6
2700	2700	3300	3300	3500	3500
14.0	13.3	17.9	17.9	18.7	18.7
NA	5550	NA	7000	NA	8000
NA	3.60	NA	3.60	NA	3.60
NA	1542	NA	1944	NA	2222
NA	6.8	NA	8.6	NA	9.9
NA	2200	NA	2700	NA	3000
NA	9.1	NA	14.5	NA	15.5
1500	1500/1500	1500	1500/1500	1500	1500/1500
4725	4647	5835	5748	6227	6227
55 (55)	53 (53)	53 (54)	53 (53)	53 (54)	53 (53)
52 (52)	51 (51)	51 (52)	51 (51)	51 (52)	51 (51)
50 (50)	49 (49)	49 (50)	49 (49)	49 (50)	49 (49)
47 (47)	45 (47)	45 (47)	45 (47)	45 (48)	45 (47)
45 (45)	39 (45)	39 (45)	39 (45)	39 (45)	39 (45)
58 (58)	55 (59)	55 (58)	55 (59)	55 (58)	55 (62)
1186×340×258	1186×340×258	1186×340×258	1186×340×258	1186×340×258	1186×340×258
920×380×699	920×380×699	953×433×808	953×433×808	953×433×808	953×433×808
1262×420×337	1262×420×337	1262×420×337	1262×420×337	1262×420×337	1262×420×337
960×400×732	960×400×732	1020×475×845	1020×475×845	1020×475×845	1020×475×845
960×430×732	960×430×732	1020×475×845	1020×475×845	1020×475×845	1020×475×845
18	18	18	18	18	18
43	44	59	60	60	62
21	22	22	22	22	22
47	48	65	66	66	68
48	49	68	69	69	71
135	135	103	103	103	103
135	135	103	103	103	103
2.4	2.4	2.8	2.8	3.2	3.2
Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Golden Fin	Golden Fin	Golden Fin	Golden Fin	Golden Fin	Golden Fin
Golden Fin	Golden Fin	Golden Fin	Golden Fin	Golden Fin	Golden Fin
O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
30~50	30~50	50~70	50~70	55~80	55~80



**ROTARY
COMPRESSOR**



For continuous product improvement, Rheem reserves the right to change the product specifications without prior notice.



R410A
REFRIGERANT

Founded in 1925, Rheem® is nearly a 100 year old North American manufacturer delivering innovative, energy efficient air conditioning and water heating solutions under one roof to homes and businesses in more than 70 countries worldwide. From its Atlanta, Ga. Headquarters, three U.S. manufacturing facilities, state-of-the-art distribution center and Advanced Technology Integration (ATI) Lab, Rheem® designs, builds and supplies some of the most reliable, environmentally responsible and technologically advanced products in the industry. Under the “One Rheem Quality” promise, every Rheem® built everywhere in the world is held to the same high standard of excellence.

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