



The new degree of comfort.®

RESIDENTIAL **ROTARY**
AIR CONDITIONER

INNOVATION

INSPIRED BY LIFE



f @rheemmea

in Rheem Middle East and Africa

Learn more at : www.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.

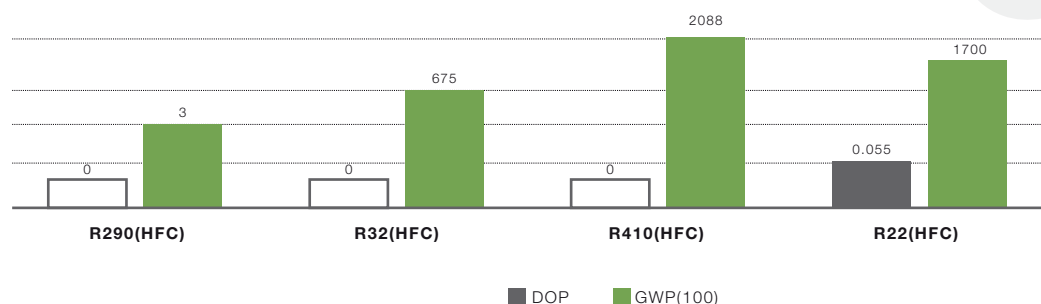


ENVIR^oNMENT FRIENDLY



R410A

Environment friendly refrierant.



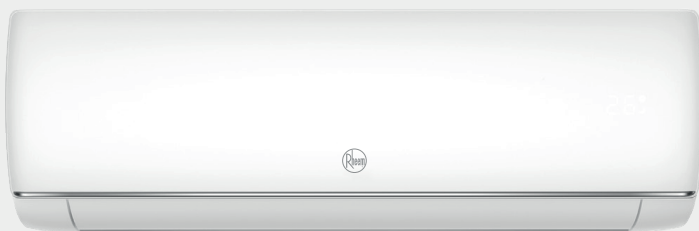


SPLIT AIR-CONDITIONER

RW18ARCT00
RW24ARCT00



RW30ARCT00



RW36ARCT00



FEATURES



Emergency
Button



5-Fan Speed



Dual Drainage



Louver Position
Memory



Self- diagnosis



Low Noise



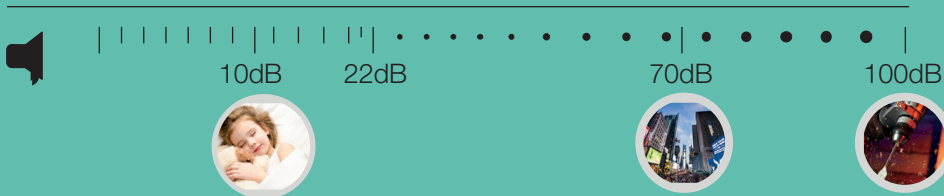
Rust Proof

W^oRLD-CLASS

FEATURES

Super Quiet

The air conditioner can be very quiet.



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.



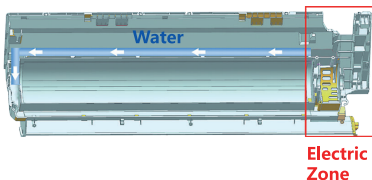
Inner-grooved copper tube

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

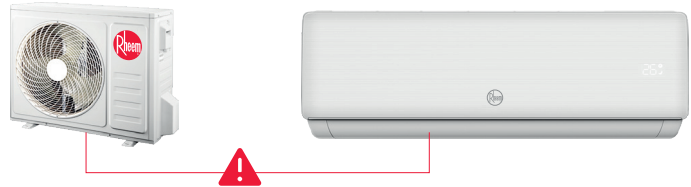


W^oRLD-CLASS

FEATURES

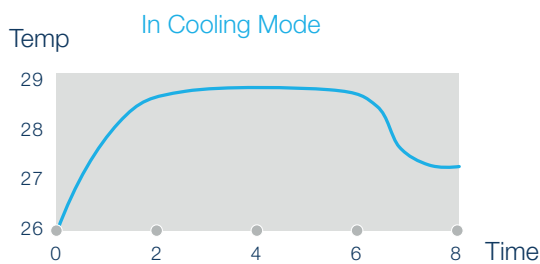
LEAKAGE DETECTION

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



SLEEP MODE

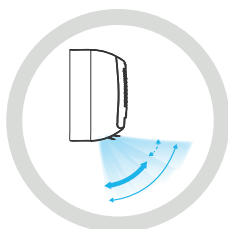
Avoids under-cooling or over-heating while you are asleep.



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 .

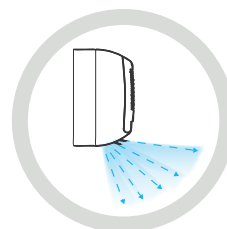
VECTOR PRECISION AIR SUPPLY

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



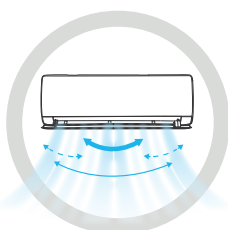
3 Swing Types (Vertical)

- Whole-house swing
- - Upside swing
- Downside swing



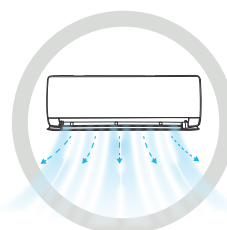
5 Blow Types (Vertical)

- - Fix direction of air blow



4 Swing Types (Horizontal)

- Whole-house swing
- - Side Swing (L-R)
- Middle Swing



5 Blow Types (Horizontal)

- - Fix direction of air blow

T3 TROPICAL COMPRESS^oR



W^oRLD-CLASS

CONDENSING UNIT

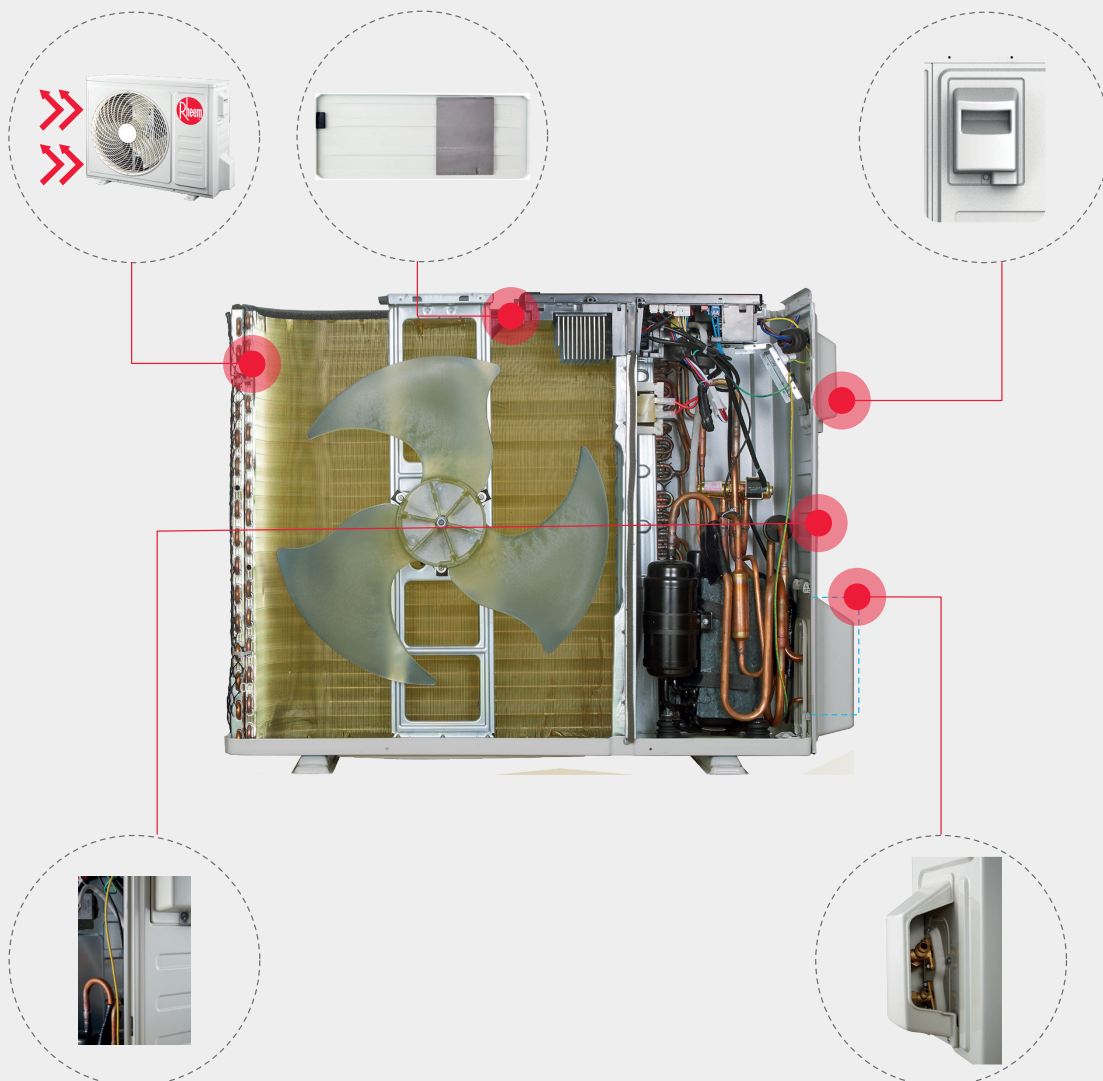
FEATURES

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.

Convenient Handle

Easy to carry the unit



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.

W^oRLD-CLASS

FEATURES

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)

W^oRLD-CLASS

FEATURES

FEATURES SUMMARY

Range	18k-CO	24k-CO	30k-CO	36k-CO
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	●	●	●	●
IFeel	●	●	●	●
Turbo Cooling	●	●	●	●
Self Clean / Blow	-	-	-	-
AntiFreeze Thermostat	-	-	-	-
Self Diagnosis (Error code)	●	●	●	●
Remote LCD	●	●	●	●
Filter Configuration	●	●	●	●
Filter Dirty Alarm	●	●	●	-
Cold Plasma or Ioniser	○	○	○	-
Children Lock	●	●	●	●
Evaporator Fins	Golden	Golden	Golden	Golden
Condenser Fins	Golden	Golden	Golden	Golden
LP HP Protection	●	●	●	●
Max Piping Capability Total (Metre)	25	25	25	25
Max Piping Capability Vertical (Metre)	15	15	15	15

● Standard

○ Optional

- N/A

CO - Cooling Only



WORLD-CLASS

FEATURES

TECHNICAL SPECIFICATIONS

Model			RW18ARCT00	RW24ARCT00	RW30ARCT00	RW36ARCT00
Type			cooling only	cooling only	cooling only	cooling only
Control type			Remote Controller	Remote Controller	Remote Controller	Remote Controller
Rated cooling capacity(T1) *	Btu/h		17400	22000	28000	30800
Rated cooling capacity(T1) *	W		5100	6448	8206	9027
Rated cooling capacity(T3) **	Btu/h		15600	20000	24000	26200
Rated cooling capacity(T3) **	kW		4572	5862	7000	7679
Rated cooling capacity(T4) ***	Btu/h		15320	18920	23550	25435
Rated cooling capacity(T4) ***	kW		4490	5545	6900	7455
EER for cooling(T1) *	Btu/h-W;		12.08	12.08	12.10	12.08
EER for cooling(T1) *	W/W		3.54	3.54	3.55	3.67
EER for cooling(T3) **	Btu/h-W;		8.69	8.69	8.90	8.69
EER for cooling(T3) **	W/W		2.55	2.55	2.61	2.66
EER for cooling(T4) ***	Btu/h-W;		8.51	8.32	8.35	8.46
EER for cooling(T4) ***	W/W		2.49	2.44	2.45	2.48
Moisture removal	Liters/h		1.8	2.4	3.0	3.8
Indoor noise level at cooling	Super	dB(A)	49	53	53	55
	High	dB(A)	46	51	51	53
	Med.	dB(A)	43	49	49	49
	Low	dB(A)	38	45	45	46
	Quite	dB(A)	35	39	41	43
Outdoor noise level	dB(A)		53	55	56	58
Climate type			T3/T4	T3/T4	T3/T4	T3/T4
Power supply			220V~240V 1 Phase/ 50Hz	220V~240V 1 Phase/ 50Hz	220V~240V 1 Phase/ 50Hz	220V~240V 1 Phase/ 50Hz
Voltage Range	V		198~264	198~264	198~264	198~264
Annual energy consumption	kwh/year		3890	4917	6180	6634
Refrigerant	kg		R410A/0.930kg	R410A /1.200kg	R410A/2.300kg	R410A /2.300kg
Compressor	Type		Rotary	Rotary	Rotary	Rotary
Evaporator			Golden Fin	Golden Fin	Golden Fin	Golden Fin
Condenser			Golden Fin	Golden Fin	Golden Fin	Golden Fin
Indoor air volume	m ³ /h		1050	1500	1550	1700
Indoor fan type			Cross flow	Cross flow	Cross flow	Cross flow
Outdoor fan type			Propeller	Propeller	Propeller	Propeller
Suitable area	m ²		20~35	30~50	40~60	45~70
Net dimensions (W x D x H)	Indoor	mm	1020×315×220	1186×340×258	1277×360×271	1460×350×285
	Outdoor	mm	920×380×699	920×380×699	953×433×808	953×433×808
Packing dimensions (W x D x H)	Indoor	mm	1096×390×297	1262×420×337	1332×437×360	1565×450×350
	Outdoor	mm	960×430×732	960×430×732	1020×475×845	1020×475×845
Net weight	Indoor	kg	13	18	21	22
	Outdoor	kg	43	43	62	64
Gross weight	Indoor	kg	16	22	26	28
	Outdoor (without piping)	kg	47	47	67	69
	Outdoor (with piping)	kg	48	48	71	73
Stuffing qty	40'HQ	sets	155	132	93	92

* (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

*** (I) Entering Air D.B.T / Air W.B.T: 80 °F / 67 °F, (O) Entering Air D.B.T: 118.4 °F

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



The new degree of comfort.®



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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