



RESIDENTIAL **RECIPROCATING**  
AIR CONDITIONER

The new degree of comfort.®

# TOTAL HOME COMFORT



@rheemmea

Rheem Middle East and Africa

Learn more at : [www.rheem-mea.com](http://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.

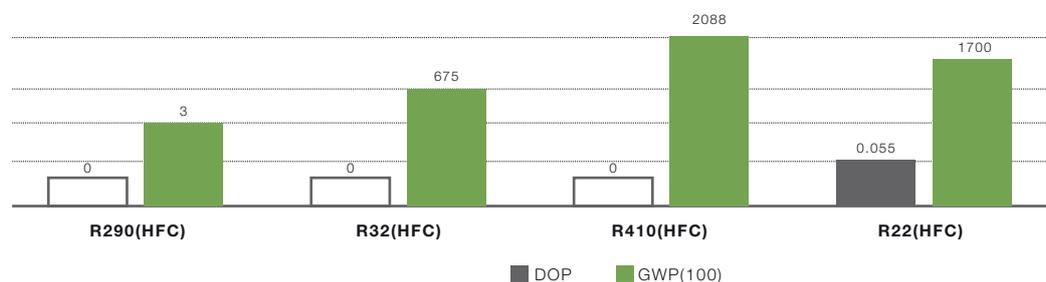


# ENVIRONMENT FRIENDLY



## R410A

Environment friendly refrigerant.





# SPLIT AIR-CONDITIONER

RW18ASCT00  
RW24ASCT00  
RW30ASCT00



## FEATURES



Emergency  
Button



5-Fan Speed



Dual Drainage



Louver Position  
Memory



Self- diagnosis



Low Noise



Rust Proof

# WORLD-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

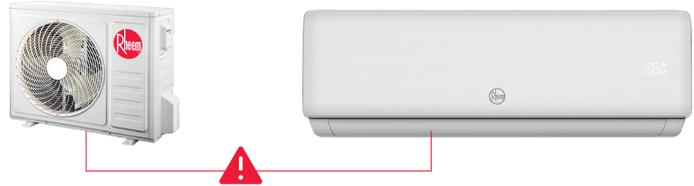
- No Connection Between Condensate Water & Electricity.
- Fireproof Electric Control Box - BMC material is applied which creates high heat resistance & erosion resistance.



# WORLD-CLASS FEATURES

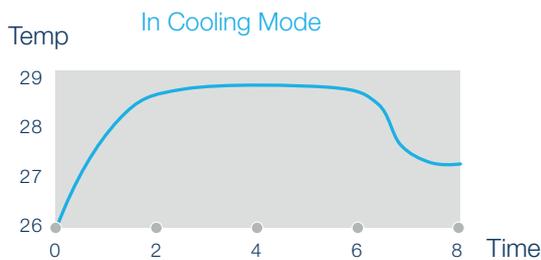
## LEAKAGE DETECTION

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



## SLEEP MODE

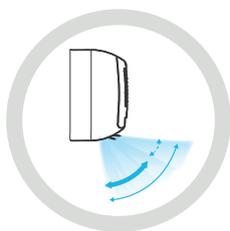
Avoids under-cooling while you are asleep.



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 .

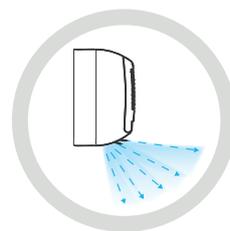
## VECTOR PRECISION AIR SUPPLY

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



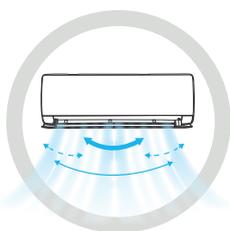
### 3 Swing Types (Vertical)

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



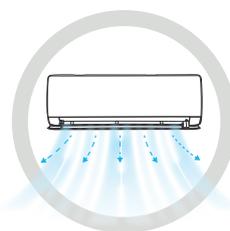
### 5 Blow Types (Vertical)

- - - 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  
COMPRESSOR



# WORLD-CLASS

## CONDENSING UNIT

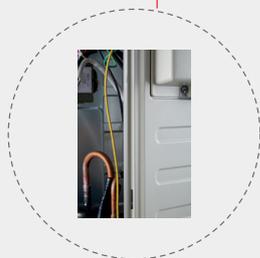
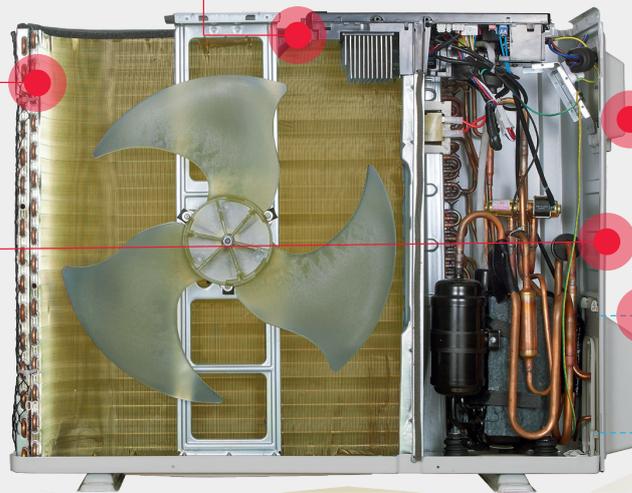
### FEATURES

#### 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.

# WORLD-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)

# WORLD-CLASS

## FEATURES

### FEATURES SUMMARY

50HZ piston compressor			
Range	18K	24K	30K
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
Condenser Fins	Golden	Golden	Golden
LP HP Protection	●	●	●
Max Piping Capability Total (Metre)	25	25	25
Max Piping Capability Vertical (Metre)	15	15	15

● Standard    ○ Optional    - N/A



# WORLD-CLASS

## FEATURES

### TECHNICAL SPECIFICATIONS

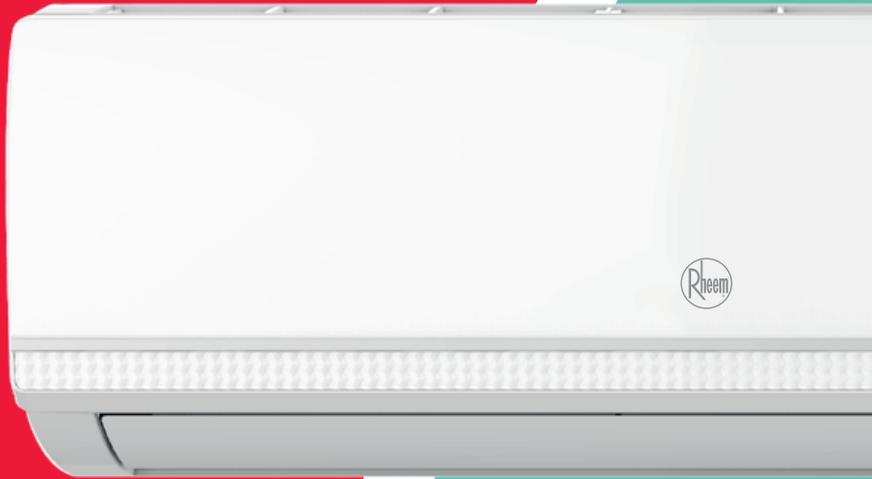
Model			RW18ASCT00	RW24ASCT00	RW30ASCT00
Type			Cooling only	Cooling only	Cooling only
Control type			<b>Remote</b>	<b>Remote</b>	<b>Remote</b>
Power supply		Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz
Voltage Range		V	198~264	198~264	198~264
Cooling* (T1)	Capacity	Btu/h	18000	25000	30000
	Capacity	W	5275	7327	8792
	Rated power Input	W	1490	2070	2490
	Rated current	A	6.7	9.3	11.2
	EER	Btu/h/W	12.08	12.08	12.05
	Max power Input	W	1937	2690	3237
	Max current	A	8.7	12.1	14.5
Cooling** (T3)	Capacity	Btu/h	16600	22100	26000
	Capacity	W	4865	6477	7620
	Rated power Input	W	1953	2600	3059
	Rated current	A	8.8	11.7	13.7
	EER	Btu/h/W	8.50	8.50	8.50
	Max power Input	W	2539	3380	3976
	Max current	A	11.4	15.2	17.8
Moisture removal		Liters/h	1.8	2.6	3.8
Air Flow		CMH	1030	1600	1500
Indoor noise level		dB(A)	46	48	50
Outdoor noise level		dB(A)	58	59	64
Compressor	Type		Reciprocating	Reciprocating	Reciprocating
Expansion device			Capillary	Capillary	Capillary
Indoor unit	Dimension(W*D*H)	mm	1020×315×220	1186×340×258	1186×340×258
	Packing (W*D*H)	mm	1096×390×312	1265×420×358	1265×420×358
	Net/Gross weight	Kg	13/16	19/23	24/31
Outdoor unit	Dimension(W*D*H)	mm	920×380×699	953×433×808	953×433×808
	Packing (W*D*H)	mm	960×430×732	1031×447×835	1031×447×835
	Net/Gross weight	Kg	45/54(with pipe)	62/71(with pipe)	72/81(with pipe)
Refrigerant			R410A/990g	R410A/1870g	R410A/2420g
Ambient temperature		°C	21~52	21~52	21~52
Suitable area		m <sup>2</sup>	20~35	30~50	46~70
Loading capacity 40HQ with piping		set	155	103	103

\* (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

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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