



AIR-CONDITIONING
SOLUTIONS
FOR INDIVIDUAL VILLAS



The new degree of comfort.®

Learn more at: Rheem-mea.com

The new degree of comfort.®

RHEEM® TIMELINE



1925: Richard S. and Donald L. Rheem, formed Rheem Manufacturing Company



1970: Rheem opens its Air Conditioning Division HDQ in Fornt Smith, AK

Central heating & air-conditioning systems

1988: Paloma Industries of Nagoya, Japan, bought Rheem



1980: Rheem launches its branch in the Middle East



1994: Rheem was the first to adapt scroll compressor technology to its air conditioners



2009: Rheem was the first to introduce a complete line of 14 SEER condensing units and heat pumps



2010: Rheem SLKL Series Launched



The new degree of comfort®



2012: Rheem launched the first (and only) award-winning commercial integrated air and water heating system - H2AC



2016: Rheem launches the new residential AC Platform



2018: Rheem introduced Renaissance™ Xcede Series

1925

1956

1970

1980

1990

2009

2010

2012

2013

2016

2018

1956: Introduced the "Rheemaire" central air-conditioning.



1980: Rheem added heat pumps to its existing product line



1992: Rheem introduced the smallest gas furnace line in the industry



2008: Rheem designed and produced the Prestige TM Series 18-SEER condensing unit

2010: Rheem unveiled a multi-year rebranding initiative at the annual AHR Expo that included an entirely new visual appearance for its products, a new website and a new tagline.

2012: Rheem MEA FZE established in Dubai



2013: Rheem began developing an all-new product designs using its 360°+1 product development philosophy and introduced the residential condensing water heater

2016: Rheem started an office in Saudi Arabia



- 1 Supply Grill
- 2 Supply Air Duct
- 3 Rooftop Package Unit
- 4 Outdoor Unit
- 5 Duct for Return Air
- 6 Duct for Cold Air
- 7 Piping



**Majlis & Dining Area
(Ground Floor)**



Master Bedroom



Bedrooms



**Kitchens And
Other Service Areas**

PRODUCTS & REGULATORY COMPLIANCE

DUCTED AIR CONDITIONERS

ESMA Regulation (min. T3 EER): 8.3
 Rheem EER @ T1: Up to 13+
 Rheem EER @ T3: Up to 10+
 Compliance: Yes ✓



PACKAGED AIR CONDITIONERS

ESMA Regulation (min. T3 EER): 8.3
 Rheem EER @ T1: Up to 13+
 Rheem EER @ T3: Up to 10+
 Compliance: Yes ✓



WALL MOUNTED AIR CONDITIONERS

ESMA Regulation (min. T3 EER): 7.7
 Rheem EER @ T1: Up to 12.0
 Rheem EER @ T3: Up to 8.5
 Compliance: Yes ✓



Rooftop Packaged Air Conditioner: WHAT'S INSIDE?

Benefits of Package Units

- PRIVACY:** Fits outside your home to ensure complete privacy
- INDOOR AIR QUALITY:** Helps you breathe clean air as it takes in fresh air
- QUIET:** Low-Noise operation helps you sleep better than ever before
- EFFICIENT:** Designed to consume less electricity, you can save big on power bills

High Performance

- Better cooling with bigger cooling coil
- Low noise with larger blower on indoor side
- Improved cooling with lesser electricity consumption in peak summer with bigger condenser coil & fan size

Enhanced Durability

- Higher Protection for condenser coil from sand and debris, with sand trap louvered jacket
- Enhanced corrosion resistance with 1008 hrs. of salt spray tested-painted panels
- Longer compressor life, Thermostatic expansion valve
- Rheem® promise of durability, with North American Scroll Compressor
- Critical components made in North America

Serviceability

- Qwik-Clean slide out drain pan
- Protected service port access



High-efficiency scroll compressor



Larger blower and fan base



Metallic louver jacket



Protected service port



Qwik clean slide out drain pan



Ducted Type Air Conditioners: WHAT'S INSIDE?

Benefits of Ducted Split Units

- HELPS ZONING:** Individual temperature control, so you can turn zones off when not in use, thus saving electricity
- LOWER NOISE LEVELS:** Unlike a mini split system, central air conditioners operate quietly, thus being barely noticeable
- UNIFORM COOLING:** Well-distributed airflow across the area
- AESTHETICALLY APPEALING:** Installed above the false ceiling, thus the interiors remain intact

High Performance

- Up to 13+ EER means more power savings
- Rheem® Promise of Durability, with North American Scroll Compressor
- Bi-directional filter drier
- Piston & TXV as expansion device

Enhanced Durability

- Excellent thermal & sound performance
- Galvanised steel cabinet painted & rated at 1008 hours salt spray test as per ASTM-B117
- Louvered steel cabinet protects the coil from dusty & windy Gulf climate
- Insulation on motor windings
- Metallic fan blade & fan guard, increased durability

Installability

- Installation flexibility in tight spaces with convertible airflow
- Low height Air Handler (26cm to 42cm high) for EL3T
- Versatile 4-way convertible design for up-flow, down-flow, horizontal left and horizontal right applications
- Outdoor air conditioner designed for ground level or rooftop installations

Serviceability

- Service valves are standard on all models
- HP & LP switches are standard along with the unit
- Easily accessible control box





THE LEMINAR ADVANTAGE

Leminar Global is one of the largest players in the region's HVAC industry. By choosing us, you can experience our expertise, with an assurance of availing the best quality of products and services. Here are some of our offerings.



AIR CONDITIONING SYSTEM DESIGN SUPPORT

Leminar's experienced sales & application team is well-trained to perform heat load calculation, appropriate selection and comparison of various systems as per the requirement of the client within the specified budget.



30 YEARS OF EXPERIENCE

Leminar Air Conditioning Company L.L.C. was created 30 years ago to provide a complete solution and superior service quality that exceeds industry standards, to all air-conditioning units in the UAE.



SUPPLIED 2 MILLION TONS OF AIR CONDITIONERS IN UAE

We, at Leminar Air Conditioning Company LLC, have supplied over 2 Million tons of air conditioners in the UAE so far and are looking forward to achieving much more in times to come.



WIFI THERMOSTAT

Hands-free voice control, touch-based functionality, remote access through your smartphone, programmable up to 7 days and easy installation.



AVAILABILITY OF SPARE PARTS

Being the authorised distributors of leading HVAC brands, including Emerson Copeland Compressors & Hartland Controls, the ready availability of spare parts helps us stay equipped to fix your AC at all times.



INSTALLATION, TESTING AND COMMISSIONING SUPPORT

Leminar's experienced staff provides all the necessary support for the installation and commissioning activities of all AC units in a quick, professional and hassle-free manner.



WARRANTY

All spare parts come with a warranty of 18 months from the date of delivery or 12 months from the date of commissioning, whichever is earlier. Extended warranty available at a nominal cost. The compressor comes with a 5-year warranty.



ANNUAL MAINTENANCE CONTRACT

Leminar undertakes comprehensive annual maintenance contracts (AMC) that ensures smooth and optimal functioning of your air conditioning units at all times with routine inspection and service.

We continue to live by and uphold our brand promise of "Commitment beyond comparison".





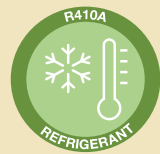
The new degree of comfort.®

SOLUTIONS FOR A GREENER PLANET

At Rheem®, providing The New Degree of Comfort® is about more than just product performance—it's about being more responsible for future generations. That's why, from air to water and from residential to commercial, we focus on creating solutions that leave you feeling comfortable. With every new product, we strive to make the world a better place to live.

SOLUTIONS FOR EFFICIENT & EARTH FRIENDLY PRODUCTS

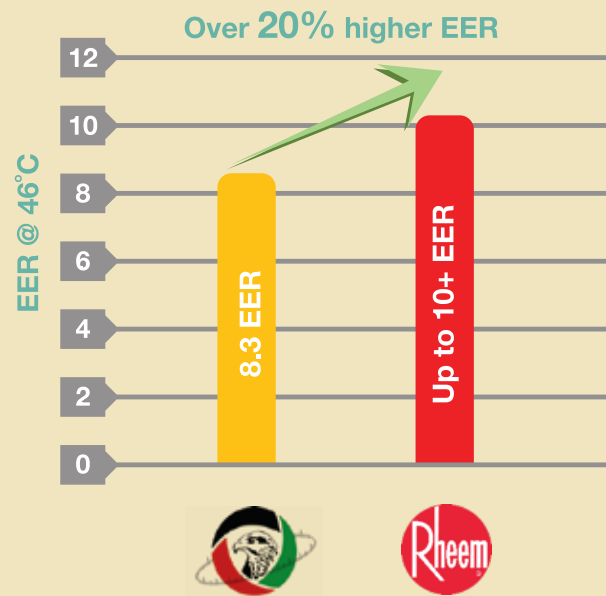
We understand that with increased environmental concerns, R22 is becoming less popular by the day. The production of R22 refrigerant contributes to the depletion of the ozone layer and adds to global warming. Rheem® always focuses on environment-friendly, energy saving and high performance air conditioners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



WE DON'T MAKE PRODUCTS, WE PROVIDE

SOLUTIONS

SOLUTIONS FOR LOWER ELECTRICITY CONSUMPTION

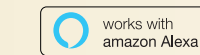


SMART THERMOSTAT



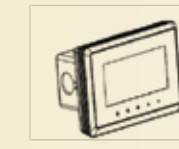
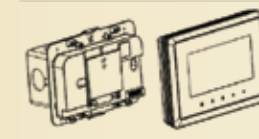
SMART THERMOSTAT

Compatible with Amazon Alexa
Google assistant voice control



EASY INSTALLATION

1. Unscrew terminal protective jacket then wiring.
2. After wired lid the terminal protective jacket, install the screw.
3. Install and fasten foundation, embed in display module.
4. Installation complete.



1. Hands-free Control
2. Control through your mobile
3. Touch Screen
4. Child Lock Function
5. Programmable up to 7 days
6. Easy Installation

