



The new degree of comfort.™

American Brand with Global Reach

RESIDENTIAL COOLING SOLUTIONS

High EER Cooling Only Decorative Wall-mount Split Unit

Model.: **RDMA-CTTxxxT03**



PRODUCT
LEAFLET

PRESTIGE
Series

R-410A



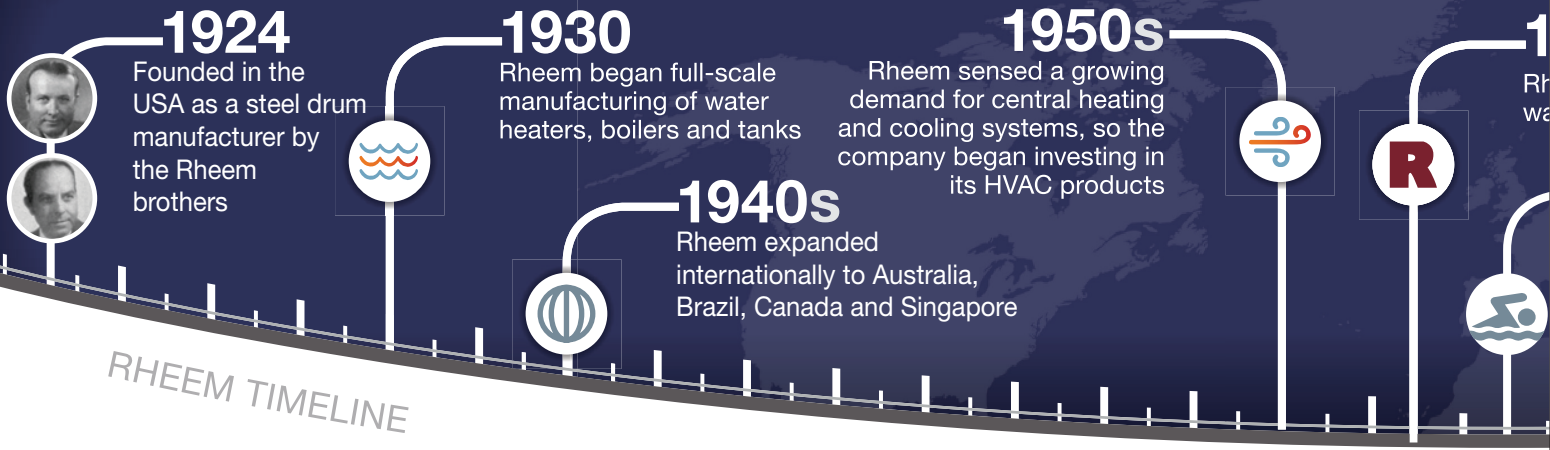
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ABOUT RHEEM

Rheem is the only North American manufacturer delivering innovative, energy-efficient air and water solutions 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 product built anywhere in the world is held to the same high standard of excellence.

RHEEM PRODUCT OFFERINGS



WATER HEATING



HEATING & COOLING



POOL & SPA



REFRIGERATION

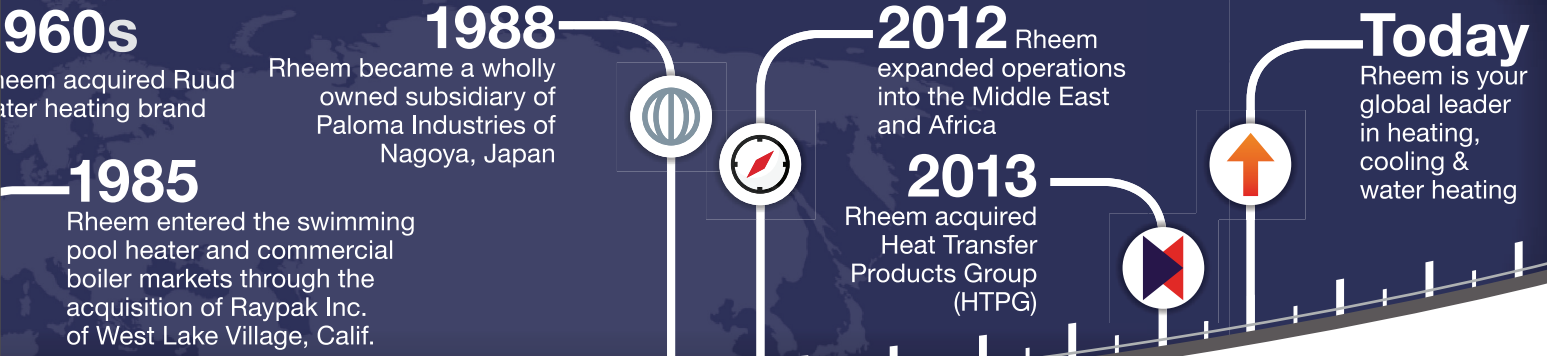
Together, the Rheem family of distinguished brands—Rheem, Ruud, Raypak, Richmond, ProTech, ProStock and HTPG—is committed to bring best-in-class comfort solutions to homeowners and businesses all over the world.

EXCELLENCE IN MANUFACTURING, RESEARCH & DEVELOPMENT

Rheem maintains seven research and development centers and ten labs in North America, Japan and Australia. Investing in these facilities enables the company to continually build and refine its core competencies in electronics, gas combustion, heat transfer and materials.

All Rheem products meet or exceed rigorous industry and regulatory standards for performance, reliability, efficiency, and air and water quality. From design and fabrication to finished product assembly, each phase in the manufacturing process is monitored and measured to ensure the highest quality, durability and operating excellence. Rheem products are routinely tested and certified by various government and third-party testing labs to ensure the highest quality standards.

The same standard of excellence applies to every aspect of Rheem’s operations, from its 7,000 global Rheem employees to its valued Rheem and Ruud distributors and contractors.



A GLOBAL LEADER

Rheem is uniquely positioned as a global market leader. As the leading manufacturer specializing in complete air and water solutions, Rheem is the only company that can help homeowners anywhere in the world manage more than 60% of their home energy use through advanced comfort and control technologies.

A truly international corporation, Rheem makes and markets its best-in-class products all over the globe.



Strengthening its current international presence and expanding its quality products and services into promising new global markets is central to Rheem's corporate strategy for continual, customer-focused growth.

14 RHEEM OFFICES

7 RESEARCH AND DEVELOPMENT

25 MANUFACTURING FACILITIES

CORE TECHNOLOGY

Standard Features

Dehumidifying



Dehumidifies the room efficiently.

Vertical Auto Swing*



For a more efficient air and temperature distribution throughout the room, air discharge flaps can automatically move vertically.

Horizontal Auto Swing



For a more efficient air and temperature distribution throughout the room, air discharge Louvre can automatically move horizontally.

Quiet Operation



The Unit is designed to operate at the lowest noise by an ultra-low fan speed and auto adjustment.

I Feel



This smart feature utilizes the mini sensor in the remote controller, which can sense its surrounding temperature and transmit the signal to the indoor unit. Hence, the indoor unit adjusts the air flow and temperature accordingly to provide maximum comfort.

Timer



Automatically turns the air conditioner ON or OFF within a 24-hour period.

Auto Restart



In the case of power shutdown, this feature allows for the automatic restart with the previous settings, when the power resumes.

*Not applicable to 36K BTU model

Turbo*



Press the "Turbo" button on the remote controller to enjoy better air flow. This enables the indoor temperature to reach the set temp in a shorter period of time.

Clock



Time is displayed on the remote controller.

Self-diagnosis



Once abnormal operation or part failure occurs, the unit will automatically shut-off to protect the system. Meanwhile, it will indicate protection or error code for diagnosis.



Lock*



This feature avoids any accidental operation by children.

LED Display



Beautiful LED display for an attractive look.

Energy Saving*



When this function is activated, the temperature setting is kept within a limited range for saving energy.

Sleep Mode

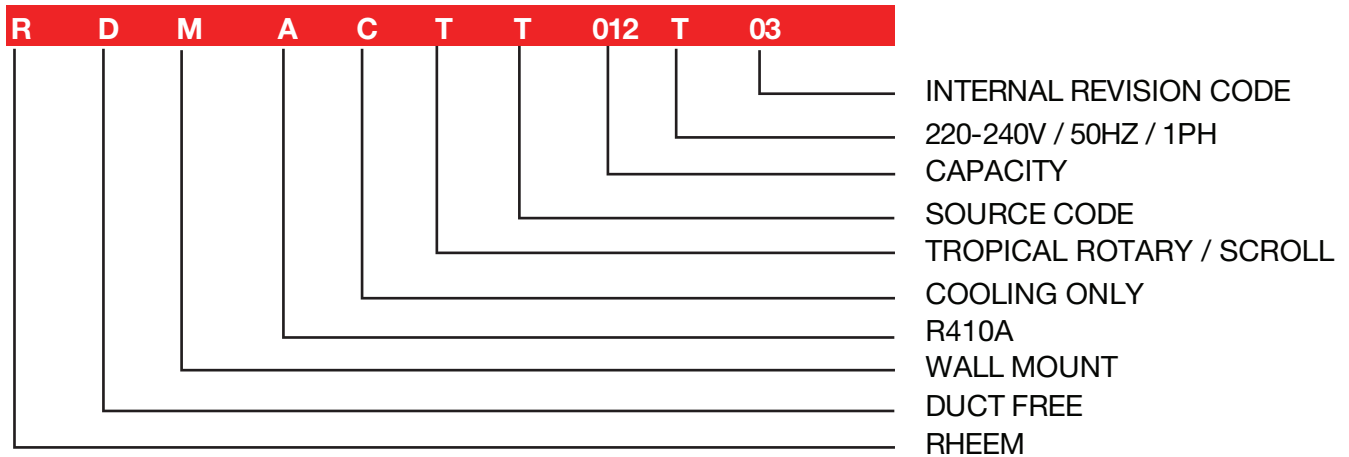


While the unit is in cooling, energy-saving or dry mode, the sleep mode activates:

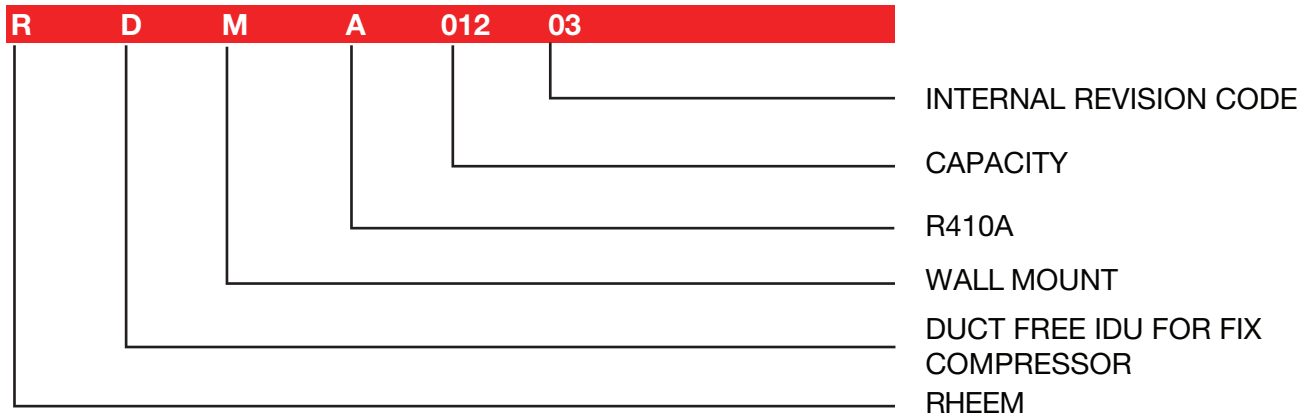
- After an hour, the set temperature increases by 1°C (2°F).
- After 2 hours, the set temperature increases by another 1°C (2°F). Hence, the set temperature will totally increase by 2°C (4°F) in 2 hours and then the unit will continue to operate at this temperature.

NOMENCLATURE

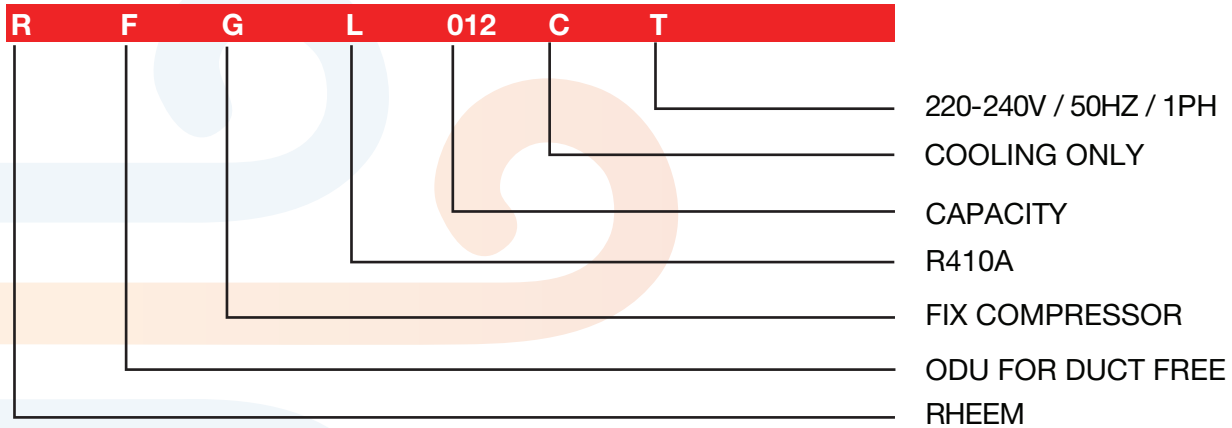
System:



IDU:



ODU:



MODEL NUMBERS

Model	System Model Nos.	IDU Model Nos.	ODU Model Nos.
12000	RDMA-CTT012T03	RDMA-012-03	RFGL-012CT03
18000	RDMA-CTT018T03	RDMA-018-03	RFGL-018CT03
24000	RDMA-CTT024T03	RDMA-024-03	RFGL-024CT03
28000	RDMA-CTT028T03	RDMA-028-03	RFGL-028CT03
36000	RDMA-CTT036T03	RDMA-036-03	RFGL-036CT03

TECHNICAL SPECIFICATIONS



Parameter		Unit	RDMA-CTT012T03	RDMA-CTT018T03	RDMA-CTT024T03	RDMA-CTT028T03	RDMA-CTT036T03
Power Supply	Rated Voltage	V~	220-240	220-240	220-240	220-240	220-240
	Rated Frequency	Hz	50	50	50	50	50
	Phases	--	Single				
Cooling Capacity*		BTU/H	12270	19393	22745	26453	35782
Power Input*		W	944	1490	1862	2240	2866
EER*		BTU/H.W	13.00	13.02	12.21	11.81	12.49
Cooling Capacity**		BTU/H	10005	15525	19137	23237	31546
Power Input**		W	1115	1761	2167	2729	3601
EER**		BTU/H.W	8.98	8.82	8.83	8.51	8.76
Indoor Unit	Net Weight	kg	10.5	13.5	16.5	16	24
	Gross Weight	kg	12.5	16.5	20	19.5	32
Outdoor Unit	Net Weight	kg	36	52	53	72	80
	Gross Weight	kg	39	56.5	57.5	77	86
	Refrigerant	--	R410A	R410A	R410A	R410A	R410A

* (I) Entering Air D.B.T / Air W.B.T: 80 °F / 66 °F, (O) Entering Air D.B.T: 95 °F

** (I) Entering Air D.B.T / Air W.B.T: 84 °F / 66 °F, (O) Entering Air D.B.T: 115 °F

Note: Microphone position 1.5m in front & 1.5m below the unit, measured in anechoic chamber



Notes



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Why Rheem?

American Brand with Global Reach, Dedicated to Quality & Innovation

Rheem is the only North American manufacturer delivering advanced, energy-efficient air and water solutions to homes and businesses in more than 70 countries worldwide. From its Atlanta Headquarters, three U.S. manufacturing facilities and Advanced Technology Integration (ATI) Lab along with its manufacturing, research and development centers all around the world, Rheem designs, builds and supplies some of the most reliable, environmentally responsible and high-performance products in the industry.

In the Middle East, Rheem has been present and its products are in service for over 30 years. In fact, the company has already installed more than one million ton of air-conditioning products.

Rheem products include (but not limited to):

- Full range of direct expansion Air-conditioning solutions such as Rooftop package units, ducted units, decorative splits.
- Advanced Integrated Air-conditioning, Heating & Water Heating energy saving and comfort systems such as H2AC and HumidiDry.
- Full range of water heating products including electric tank and tankless water heaters (electric and gas), boilers, heat-pump water heaters and solar powered water heating solutions.

For more information about our products and local distributors, please visit us at
www.Rheem-mea.com



For continuous product improvement, Rheem reserves the right to make changes to the product specifications without notice.