



The new degree of comfort.™

American Brand with Global Reach

RESIDENTIAL COOLING SOLUTIONS

Heat Pump Decorative Wall Mount Split Unit



PRESTIGE
Series

R-410A



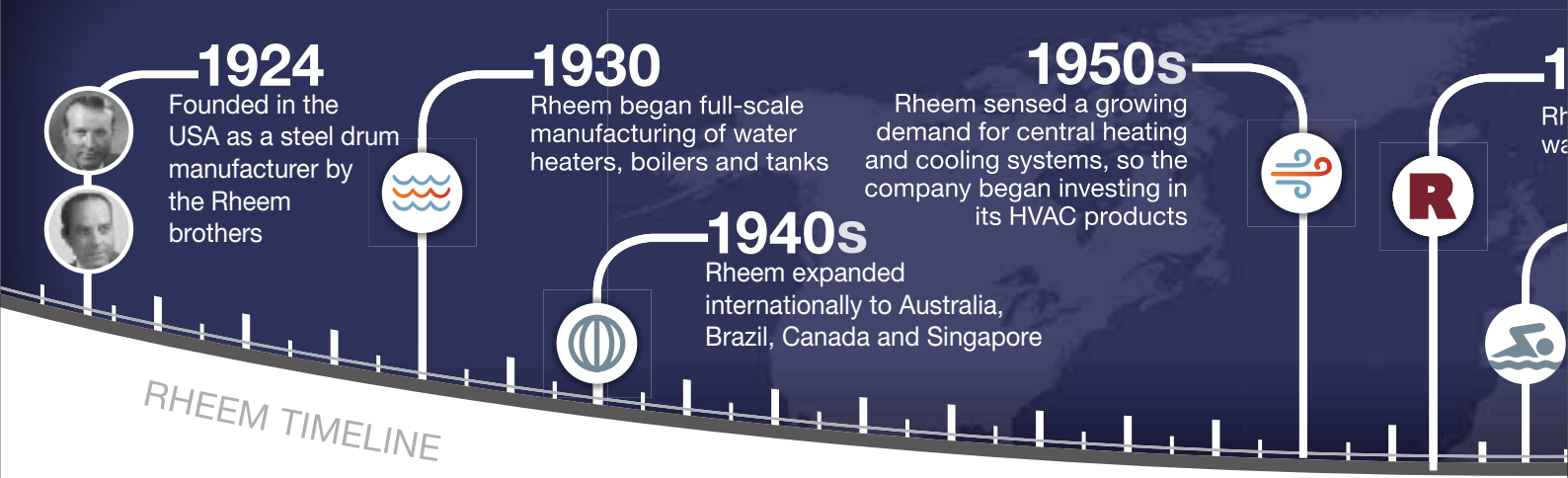
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ABOUT RHEEM

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

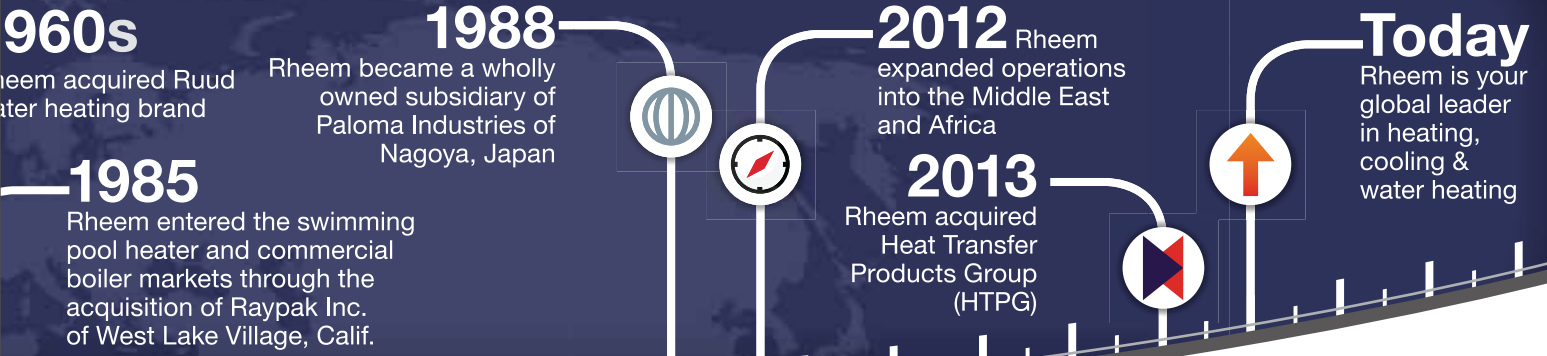
Together, the Rheem family of distinguished brands—Rheem, Ruud, Raypak, Richmond, ProTech, ProStock and HTPG—is committed to bring best-in-class comfort solutions to homeowners and businesses all over the world.

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

Wide Working Temperature

- Cooling temp range: 18°C to 43°C [64.4°F to 109.4°F]
- Heating temp range: -7°C to 18°C [19.4°F to 64.4°F]

0.5 W Standby



Advantages of switcher power design:

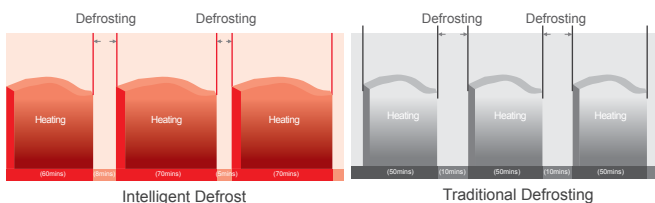
1. Voltage input range is wide.
2. Impact on power output voltage by grid fluctuation is small.
3. Energy conversion efficiency is high.
4. Low standby power design can be achieved.
5. When all loads stop operation after turning off the unit, standby power consumption is 0.5 W.

Intelligent Defrost



Generally traditional defrosting works by setting a time interval. E.g. Defrosting switches on for ten minutes with an interval of 50 minutes.

Intelligent Defrosting is only performed when required, which reduces energy wastage.



Dehumidifying



Dehumidifies the room efficiently.

Sleep Mode



While the unit is in cooling, energy-saving or dry mode, the sleep mode activates: a. After an hour, the set temperature increases by 1°C (2°F). b. 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.

LED Display



Beautiful LED display for an attractive look.

Auto Restart



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

Cold Air Draft Prevention



The heat exchanger is heated in advance to avoid a cold air draft.

Timer



Turns the air conditioner ON or OFF automatically within a 24-hour period.

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.



CORE TECHNOLOGY

Optional Features

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.



Remote with I Feel



Remote without I Feel

NOMENCLATURE

System:

R D M A H E T 018 T 01

- INTERNAL REVISION CODE
- 220-240V / 50HZ / 1PH
- CAPACITY
- SOURCE CODE
- FIX SPEED COMPRESSOR
- HEAT PUMP
- R410A
- WALL MOUNT
- DUCT FREE
- RHEEM

IDU:

R D M A 009 01

- INTERNAL REVISION CODE
- CAPACITY
- R410A
- WALL MOUNT
- DUCT FREE IDU FOR FIX SPEED COMPRESSOR
- RHEEM

ODU:

R F E L 009 H T 01

- INTERNAL REVISION CODE
- 220-240V / 50HZ / 1PH
- HEATPUMP
- CAPACITY
- R410A
- FIX SPEED COMPRESSOR
- ODU FOR DUCT FREE
- RHEEM

MODEL NUMBERS

Model	System Model Nos.	IDU Model Nos.	ODU Model Nos.
9000	RDMA-HET009T01	RDMA-00901	RFEL009HT01
12000	RDMA-HET012T01	RDMA-01201	RFEL012HT01
18000	RDMA-HET018T01	RDMA-01801	RFEL018HT01
24000	RDMA-HET024T01	RDMA-02401	RFEL024HT01

TECHNICAL SPECIFICATIONS

Parameter		Unit	RDMA-HET009T01	RDMA-HET012T01	RDMA-HET018T01	RDMA-HET024T01
IDU Model		--	RDMA00901	RDMA01201	RDMA01801	RDMA02401
ODU Model		--	RFEL009HT01	RFEL012HT01	RFEL018HT01	RFEL024HT01
Power Supply	Rated Voltage	V	220-240	220-240	220-240	220-240
	Rated Frequency	Hz	50	50	50	50
	Phase	--	Single			
Power Supply Mode		--	Indoor			
Rated Cooling Capacity**		Btu/h	9000	11400	18000	22500
Rated Heating Capacity***		Btu/h	9554	11900	19200	23100
Rated Cooling Power Input**		W	867	1131	1805	2226
Rated Heating Power Input***		W	805	988	1667	1892
Cooling Current		A	4.01	5.23	8.35	10.30
Heating Current		A	3.72	4.57	7.71	8.75
EER (Cooling)		(Btu/h)/w	10.38	10.08	10.00	10.11
COP (Heating)		(Btu/h)/w	11.87	12.04	11.52	12.21
Indoor Unit	Dimension (W×H×D)	mm	790×275×200	845×289×209	970×300×224	1078×325×246
	Net Weight	kg	8.50	10.00	13.50	17.00
Outdoor Unit	Compressor Type	--	Rotary			
	Dimension (W×H×D)	mm	776×540×320	776×540×320	913×680×378	913×680×378
	Net Weight	kg	30.0	29.5	47.0	52.0
	Refrigerant	--	R410A			

** (I) Entering Air D.B.T / Air W.B.T: 80.6 °F / 66.2 °F, (O) Entering Air D.B.T: 95 °F

*** (I) Entering Air D.B.T: 68 °F, (O) Entering Air D.B.T / W.B.T: 44.6 °F / 42.8 °F



Notes



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Notes



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Notes



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Why Rheem?

American Brand with Global Reach,
Dedicated to Quality & Innovation

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In the Middle East, Rheem has been present and our products are in service for over 30 years with more than one million ton of Rheem Air-conditioning products installed.

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.