



The new degree of comfort™

American Brand with Global Reach

RESIDENTIAL COOLING SOLUTIONS

Premium EER Cooling only Decorative Wall-mount Split Unit

Model: **SMLW-SAGL**



PRODUCT
LEAFLET

PRESTIGE
Series

R-410A



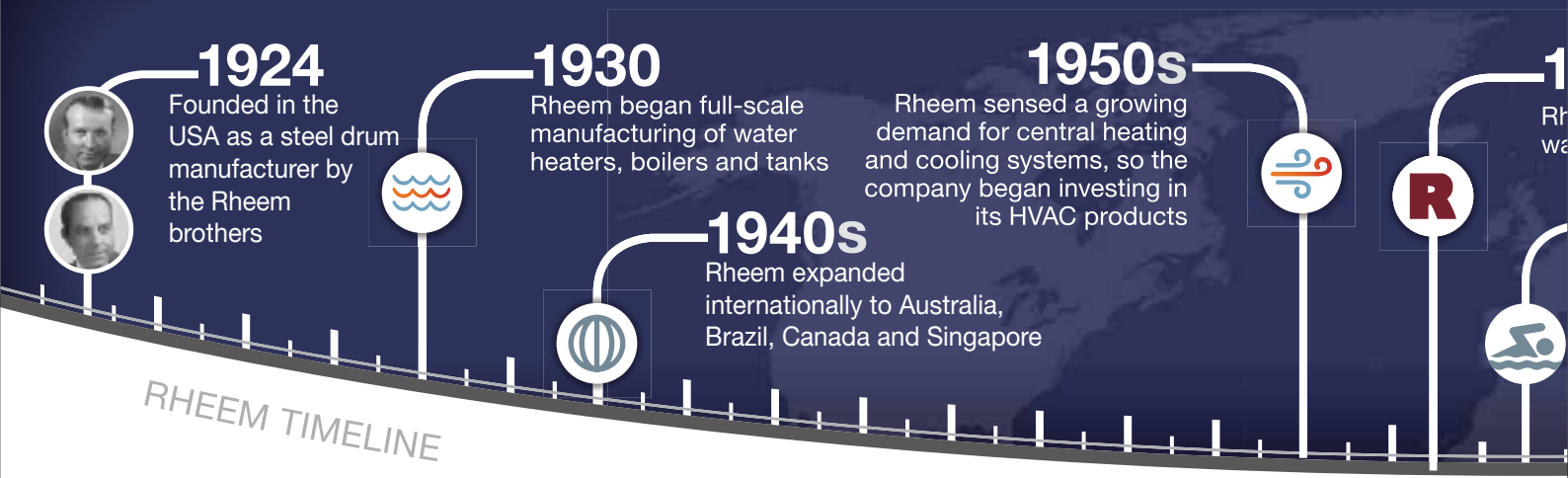
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ABOUT RHEEM

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

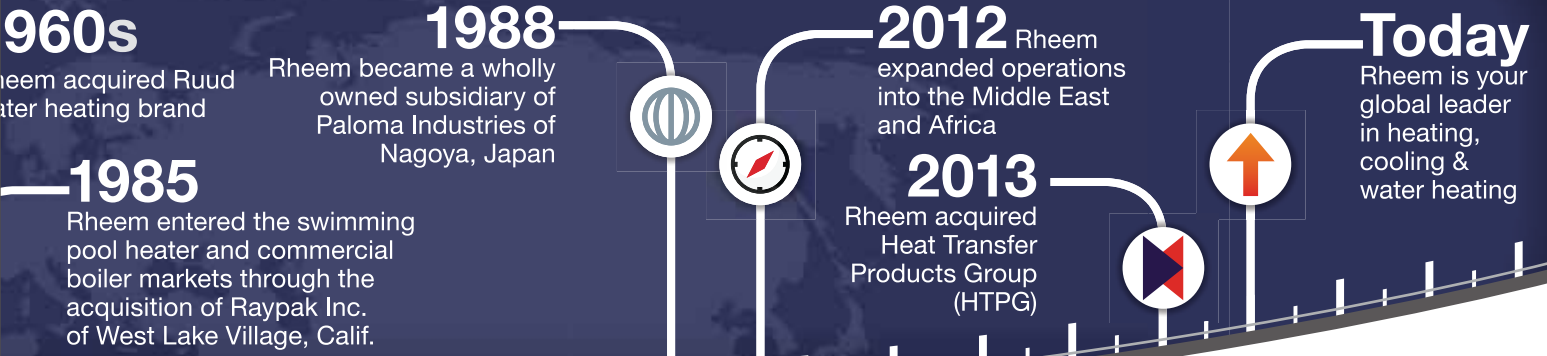
Together, the Rheem family of distinguished brands—Rheem, Ruud, Raypak, Richmond, ProTech, ProStock and HTPG—is committed to bring best-in-class comfort solutions to homeowners and businesses all over the world.

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



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PERFORMANCE

THAT LASTS LONGER



SAGL Condensing Units

- Undergone a 1000 hrs salt spray test
- Powder coated design
- Metallic Jacket to withstand harsh Gulf climate
- More than 30 years of presence in the Middle East

Comfortable cooling with high-efficiency that is easy on your wallet.

HIGH ENERGY-EFFICIENCY



R-410A offers greater efficiency, saving the energy costs, and is much better for the environment of your loved ones.

ENVIRONMENT FRIENDLY



No. 1 in reliability by leading consumer products review magazine. Designed & manufactured in North America.

RELIABLE & DURABLE



CORE TECHNOLOGY

Indoor Unit

Sleep Mode

While the unit is in cooling, energy-saving or dry mode, start the sleep mode.

- a. After an hour, the set temperature will increase by 1°C (2°F).
- b. After 2 hours, the set temperature will increase by another 1°C (2°F).

So, 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.

Clock

Time is displayed on the remote controller.

Cabinet

Attractively designed heavy plastic and back plate from heavy gauge electrolytic zinc coated steel.

High Performance Coils:

Copper tubes are bonded to aluminum fins for high heat transfer efficiency.

Ease of Service & Installation

Fan motors, blowers and controls are easily accessible through the decorative return air grille. Flare type refrigerant connections provide easy installation. Electrical wiring and piping are possible from back and side of the unit.

Outdoor Unit

- The compressors are hermetically sealed and incorporate internal high temperature motor overloaded protection and durable insulation on the motor windings.
- The cabinet is constructed of powder coated galvanized steel.
- Copper tube / Aluminium fin coils used for all models.
- Service valves are standard on all models.
- Power and control wiring are kept separate.
- Every unit is factory charged and leak tested.
- Powder coated base plate for extra corrosion resistance for SALC series.
- Heavy galvanized base plate for SAGL series.

Applicable to 18, 24 & 30K BTU model in

Vertical Auto Swing

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

Quiet Operation

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

Timer

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

Multiple Airflow Speeds

Multiple Airflow Speeds, ensuring more precise control and a more comfortable breeze.

Infrared Remote Control

Remote control with an LCD display for convenient usage



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RESP^oNSIBLE

FOR A GREENER PLANET



Environment
Friendly
Refrigerant



SMLW Wallmount Series



HIGH ENERGY-EFFICIENCY



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ENVIRONMENT FRIENDLY



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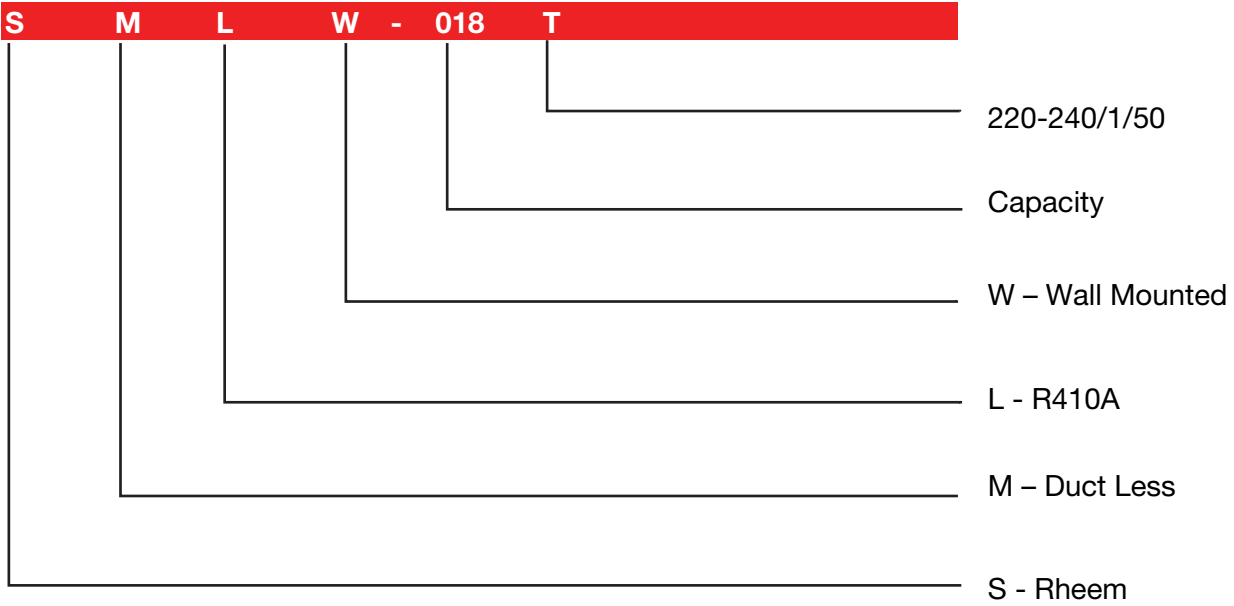
RELIABLE & DURABLE



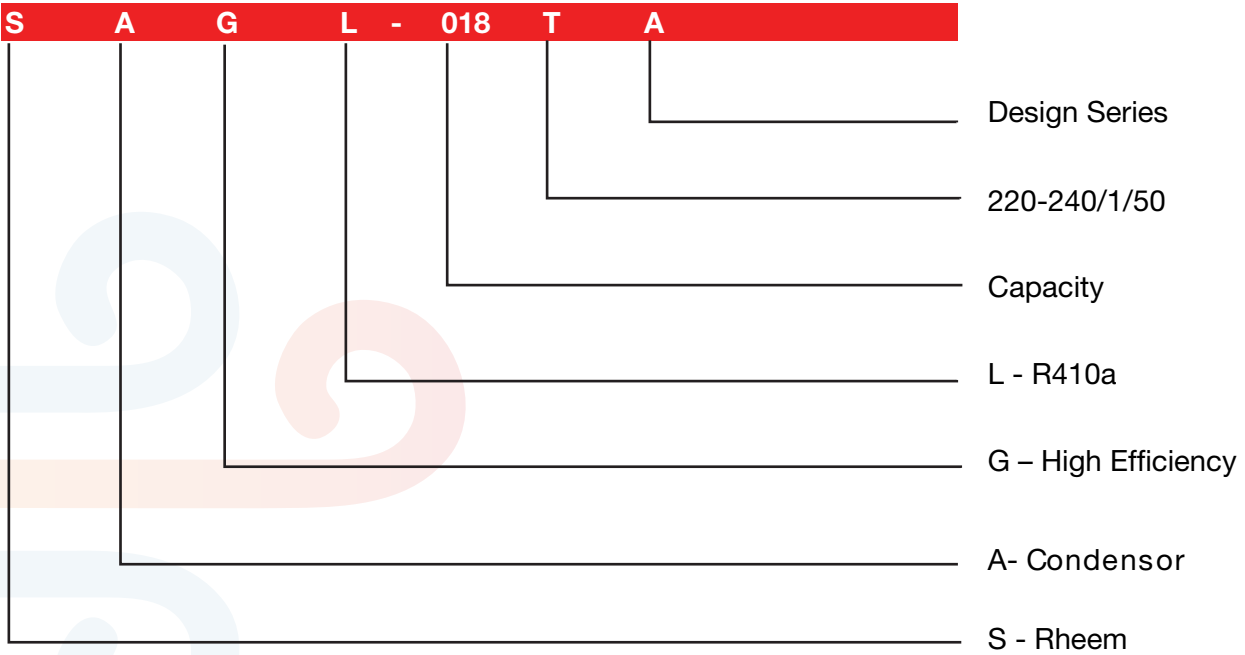
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NOMENCLATURE

IDU:



ODU:



MODEL NUMBERS

| Model | IDU Model Nos. | ODU Model Nos. |
|-------|----------------|----------------|
| 18000 | SMLW-018T | SAGL-018TA |
| 24000 | SMLW-024T | SAGL-024TA |
| 30000 | SMLW-030T | SAGL-030TA |

PANEL DESIGN

Model: SMLW-018T



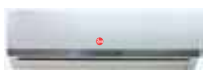
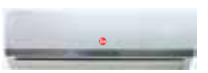

Model: SMLW-024T



Model: SMLW-030T



TECHNICAL SPECIFICATIONS

| Model | | SMLW-018T + SAGL-018TA | SMLW-024T + SAGL-024TA | SMLW-030T + SAGL-030TA |
|---|---------------|---|--|---|
| Panel Image (1) | |  |  |  |
| TMBH @ T1 * | Btu/hr | 15525 | 21837 | 26000 |
| TMBH @ T3 ** | | 12305 | 18235 | 21629 |
| Power Input @ T1 * | W | 1197 | 1680 | 1850 |
| Power Input @ T3 ** | | 1483 | 2186 | 2322 |
| EER @ T1 * | Btu/(hr.W) | 13.00 | 13.00 | 14.05 |
| High Wall-mounted Indoor Unit (R-410A) | | | | |
| Model | | SMLW-018T | SMLW-024T | SMLW-030T |
| Power Supply | V-Ph-Hz | 220-240/50/1 | | |
| Dimension | W x D x H | mm | 940 x 197 x 298 | 1165 x 250 x 326 |
| Approx. Weight | | Kg | 12.3 | 17.8 |
| Condensing Unit (R-410A) | | | | |
| Model | | SAGL-018TA | SAGL-024TA | SAGL-030TA |
| Discharge Direction | | Top Discharge | | |
| Type | | Cooling Only | | |
| Power Supply | V-Ph-Hz | 220-240/50/1 | | |
| Dimension | W x D x H | mm | 600 x 600 x 616 | 600 x 600 x 616 |
| Weight | | Kg | 57.2 | 57.6 |
| Total Equivalent Pipe Length | | m | 50 | 50 |
| Maximum Vertical Separation | ODU above IDU | m | 30 | 30 |
| | ODU below IDU | m | 24 | 24 |

* @ 95°F outdoor DB temperature, 80/67°F indoor on-coil DB/WB temperature, pipe length 5 m.
 ** @ 115°F outdoor DB temperature, 80/67°F indoor on-coil DB/WB temperature, pipe length 5 m.

(1) Panel Images do not indicate dimensions and are for illustrative purpose only.



Notes



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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.