



The new degree of comfort.™

American Brand with Global Reach

RESIDENTIAL COOLING SOLUTIONS

Heat Pump Cassette Type Unit

Model: **SDZB/CB Series**



**PRODUCT
LEAFLET**



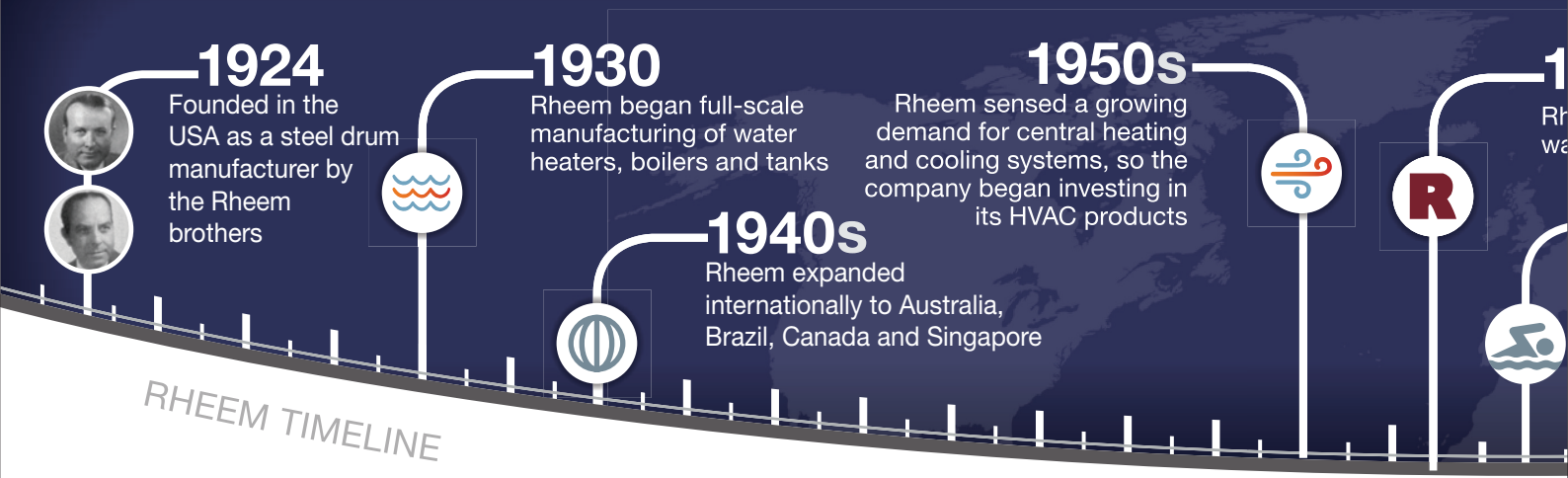
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ABOUT RHEEM

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

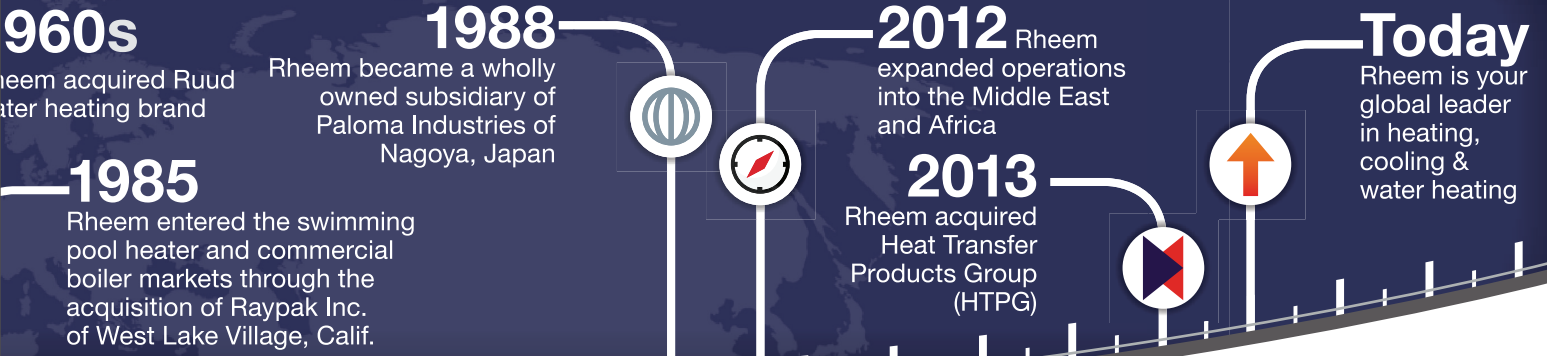
Together, the Rheem family of distinguished brands—Rheem, Ruud, Raypak, Richmond, ProTech, ProStock and HTPG—is committed to bring best-in-class comfort solutions to homeowners and businesses all over the world.

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

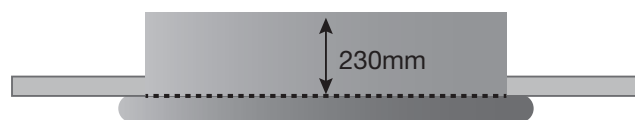
Brand New Panel Design

Attractive design, which suits different requirements such as offices, shopping centers, restaurants, offices etc.



Ultra-thin Body Design

Ultra-thin body design, which starts from a height of only 230mm, saving installation space.



Four-way Airflow

Cold air reaches every corner of the room, providing a stable and comfortable environment. Uses two stepper motors to control four louvers.



Compact Design

a. New Maintenance Panel



Compact type

Standard type

b. new Louver



Compact type



Standard type

c. new Light panel for standard type

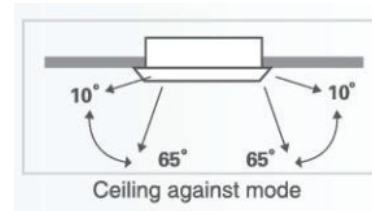
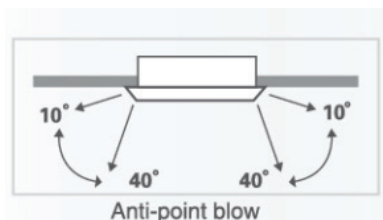
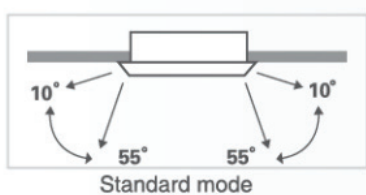


Optional



Standard type

Auto Swing

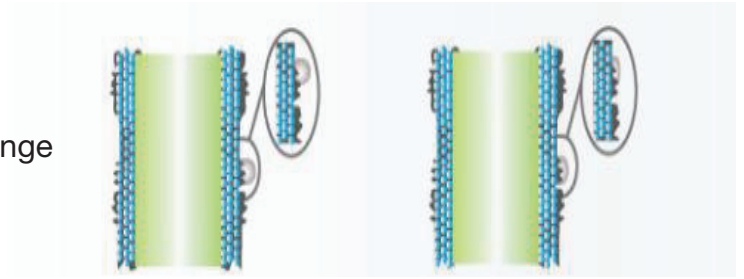


CORE TECHNOLOGY

Standard Features

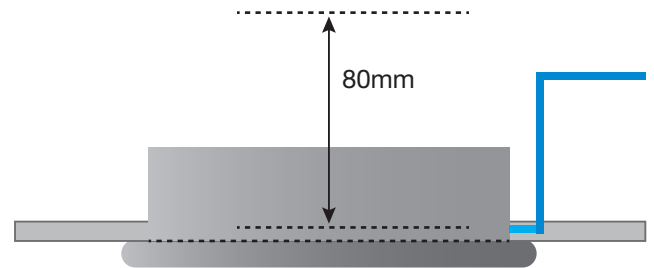
Hydrophilic Fins

Hydrophilic aluminum fins increases heat-exchange efficiency and saves energy.



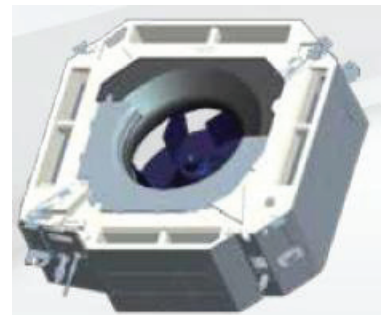
Water Pump

Built-in water pump so that water can head up to 800mm.



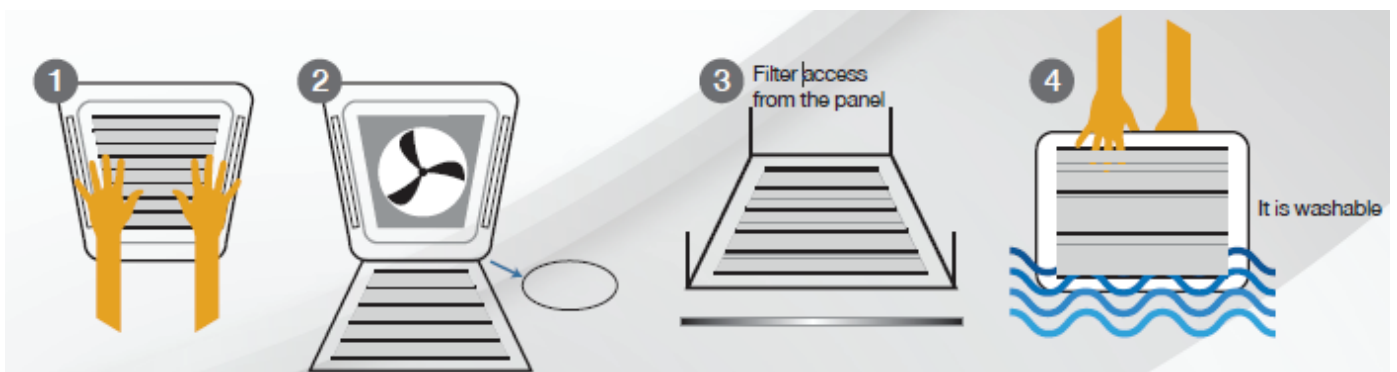
E-box

Integrated electric control box with galvanized steel built-in body is easy for maintenance.



Washable Filter

Easy and convenient installation and maintenance with a washable filter design.



PANEL DESIGN



Model: SDZB-HTC018T02



Model: SDCB-HTC024T02



Model: SDCB-HTC036T02



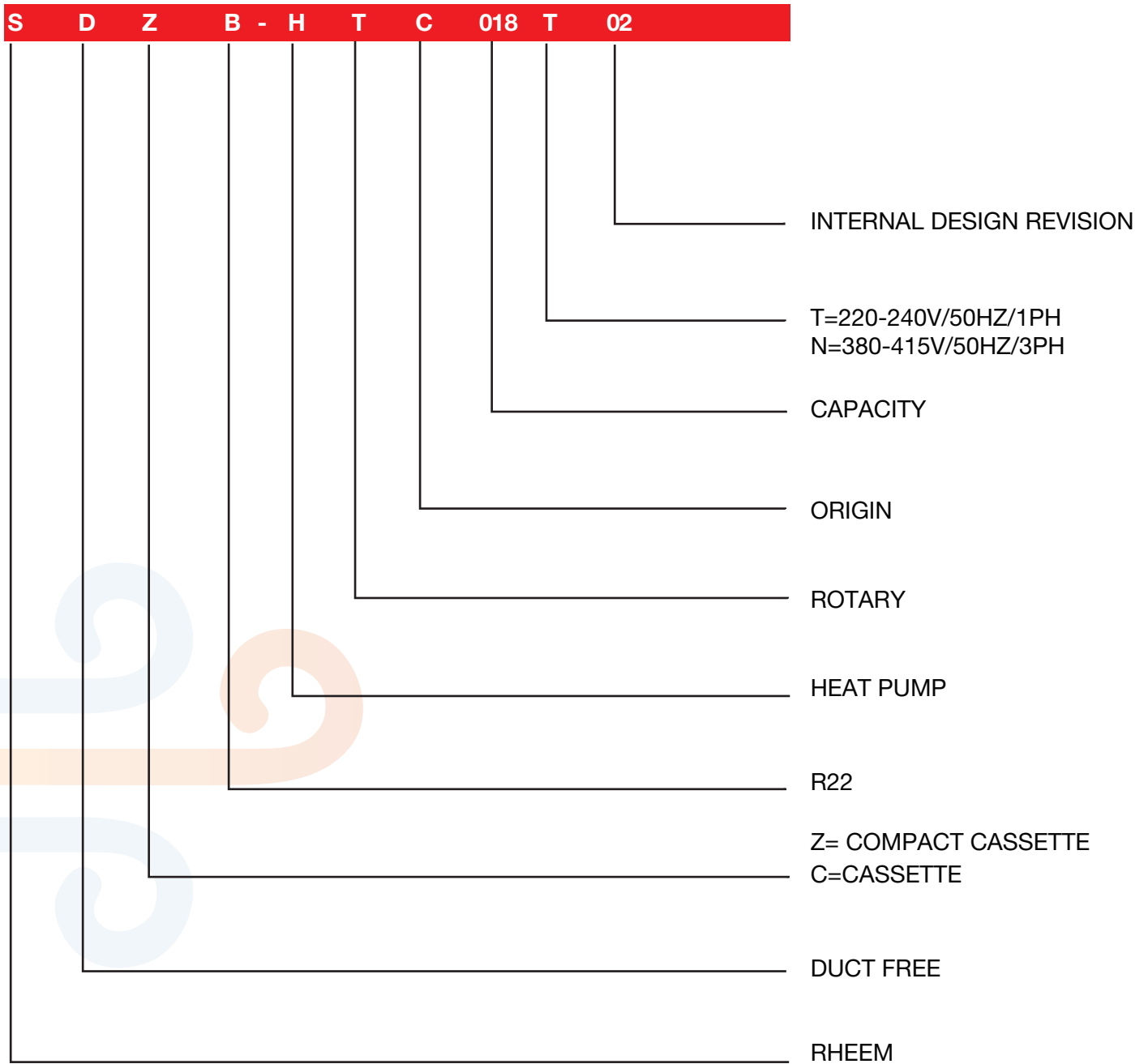
Model: SDCB-HTC048N02



Model: SDCB-HTC060N02

NOMENCLATURE

System:



MODEL NUMBERS

S No	System Model Numbers
1	SDZB-HTC018T02
2	SDCB-HTC024T02
3	SDCB-HTC036T02
4	SDCB-HTC048N02
5	SDCB-HTC060N02

TECHNICAL SPECIFICATIONS

			SDZB-HTC018T02	SDCB-HTC024T02	SDCB-HTC036T02	SDCB-HTC048N02	SDCB-HTC060N02
Power supply		V-Ph-Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz
Cooling	Capacity	Btu/h	17400	24225	30710	40950	47800
	Input	W	1870	2660	3360	4680	5300
	Rated current	A	8.6	13.1	16.2	8.2	9.5
	EER	W/W	9.30	9.11	9.14	8.75	9.02
Heating	Capacity	Btu/h	19100	26000	32410	45040	51200
	Input	W	1840	1450	3160	4650	5180
	Rated current	A	8.5	12.1	15.3	8.0	9.3
	COP	W/W	10.38	10.58	10.26	9.69	9.88
Indoor unit	Dimension (W*H*D)	Body(mm)	580x260x580	840x230x840	840x285x840	840x285x840	840x285x840
		Panel(mm)	650x30x650	950x50x950	950x50x950	950x50x950	950x50x950
	Net/Gross weight	Body (Kg)	16.5/22	24/29	28/33.5	28/33.5	30.5/36
		Panel (Kg)	2.7/4	5.4/8	5.4/8	5.4/8	5.4/8
Refrigerant type			R22	R22	R22	R22	R22
Compressor		Type	Rotary	Rotary	Rotary	Scroll	Scroll
Outdoor unit	Dimension(W*H*D)	mm	910x608x345	930x700x370	1070x995x400	911x1335x400	911x1335x400
	Net/Gross weight	kg	44/47	58/61	92/100	96/107	96/107
Refrigerant Piping	Max. pipe length	m	15	20	20	20	20
	Max. difference in level	m	8	10	10	10	10



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.