



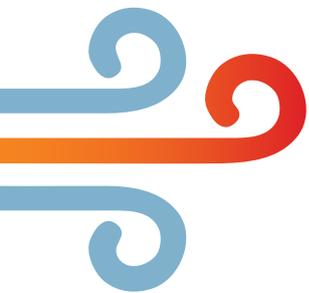
The new degree of comfort.™

American Brand with Global Reach

RESIDENTIAL COOLING SOLUTIONS

Floor Standing Split Heat Pump Unit

Model: **SDFB-HTCxxxN01 Series**



PRODUCT
LEAFLET



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CORE TECHNOLOGY

Standard Features

Independent Dehumidifying



Effectively removes moisture from the room.

Turbo Cooling/Heating



This feature maximizes heating output, so room temperature can quickly reach the set level.

360° Three-dimensional Air Delivery



360° air swing design allows air to reach every corner of the room with a wide angle.

Multiple Flow Speeds



Multi-variable flow speeds ensure more precise control and a more comfortable breeze.

Easy to Clean Panel



The indoor unit panel can be easily detached for cleaning.

Washable Filter



This feature offers easy detachment so the filter can be cleaned as and when required.

Time Switch



The 24-hour timer can be set to turn the device ON and OFF automatically.

Self-Diagnosis



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

Self-cleaning



Dust on the evaporator is removed by the condensed water on pressing the "Clean" button.

Sleep Mode



The AC will automatically increase or decrease the temperature by 1°C per hour for the first 2 hours, and then hold steady for the next 5 hours. This function saves energy and provides comfort at night.

Inner-grooved Copper Tubes



High quality inner-grooved copper increases the surface area of the inner copper wall, significantly improving thermal conductivity.

Child Lock



The remote cannot be operated when locked, preventing accidental usage by children.

Soft LED Setting



With integrated design, the display is cleverly concealed in the interior of the panel for energy saving and comfortable sleep.

Auto-restart



If the unit stops unexpectedly due to a power cut, the AC unit will automatically restart in the previous mode, once power is restored.

Double 8 Display



Simple 88 display clearly indicates the indoor unit setting temperature.

CORE TECHNOLOGY

Standard Features

Manual Button

 The AC can be easily controlled by pressing the 'Manual' button.

Multi-fold Evaporator

 With increased heat exchange area, the heat exchange efficiency is enhanced by multi-folding evaporator.

Mold-proof Operation

 The fan continues to run at low speed after the AC unit is switched off from cooling or dehumidifying mode to ensure the indoor unit remains dry and to prevent mold formation.

Anti-rust Design

 The outdoor unit is coated with anti-rust layer to ensure a long-lasting shiny look.

Fireproof Structure

 Fireproof structure for fire prevention and safety.

Advanced EVA drain pipe

 High-grade EVA drain pipe for longer service life and smoother drainage.

Intelligent Defrost

 Intelligently adjusts heating time to ensure that the AC unit can enter the heating mode as quickly as possible, thereby improving heating efficiency.

Blue Fin

 The heat exchanger of the outdoor unit undergoes a special treatment called Blue Fin, which provides more strength and resistance to corrosion. Blue Fin prolongs the lifetime of the outdoor unit and keeps it in good shape overtime.

Optional Features

Vitamin C Filter

 Helps alleviate stress, improves immunity, and promotes healthy skin.

Cold Catalyst Filter

 Eliminates formaldehyde and other volatile organic compounds, as well as gets rid of harmful gases and odors.

Golden Fin

 The golden hydrophilic condenser can improve the heat exchange efficiency. The unique anti-corrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements.

PANEL DESIGN



Model: SDFB 26K-IDU



Model: SDFB 41,50K-IDU



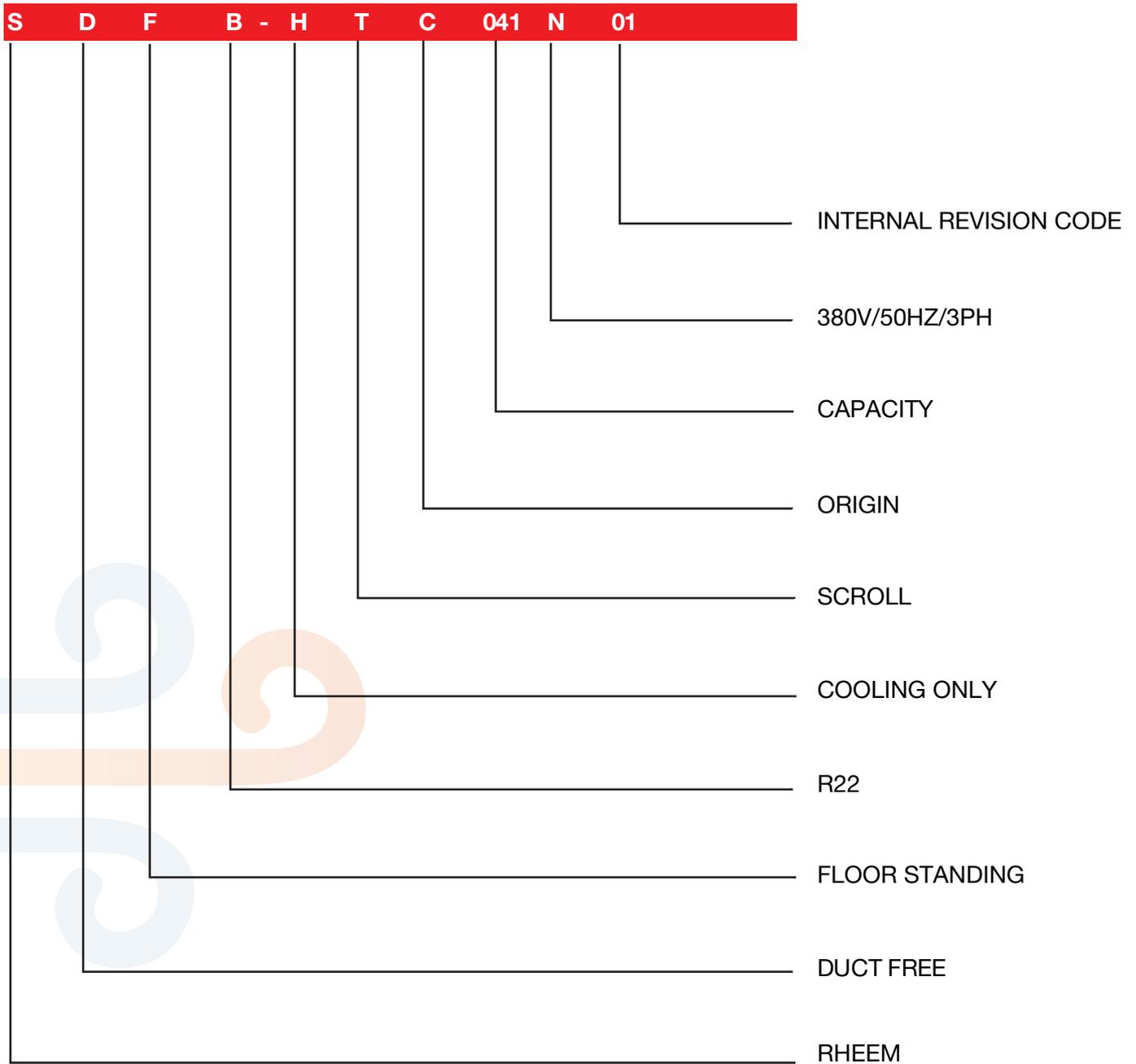
Model: SDFB 26K-ODU



Model: SDFB,41,50K-ODU

NOMENCLATURE

System:



MODEL NUMBERS

S No	System Model Numbers
1	SDFB-HTC041N01
2	SDFB-HTC050N01

TECHNICAL SPECIFICATIONS

			SDFB-HTC041N01	SDFB-HTC050N01
Rated volt and frequency		Ph-V-Hz	380V/50HZ/3PH	380V/50HZ/3PH
Cooling	Cooling capacity	W	T1 : 41000/T3 : 36000	T1:49500 / T3:39600
	Cooling power input	W	T1 : 4290/T3 : 5260	T1:5700 / T3:6700
	Cooling current input	A	T1 : 8.0/T3 : 9.5	T1:10/ T3:11.6
	EER	w/w	T1 : 9.56/T3 : 6.84	T1:8.68 / T3:5.91
Heating	Heating capacity	W	13000	16000
	Heating power input	W	4460	6400
	Heating current input	A	8.5	11.2
	COP	w/w	2.9	2.5
Max. input consumption		W	6600	8000
Max. current		A	13	16
Compressor		Type	Scroll	Scroll
Indoor	Indoor Air Circulation	m3/h	1800	1800
	Indoor Noise Level dB	dB(A)	55	57
	Dimension (L×W×H)	mm	610×380×1930	600×313×1868
	Packing (L×W×H)	mm	750×520×2085	695×485×2050
	Net/Gross weight	Kg	59/75	59/73
Outdoor	Dimension (L×W×H)	mm	970×345×1237	970×345×1237
	Packing (L×W×H)	mm	1125×485×1385	1125×485×1385
	Net/Gross weight	Kg	104/113	105/114
	Refrigerant type		R22	R22
Refrigerant Piping	Max. refrigerant pipe length /Max. difference in level	m	15/5	15/5



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.