



Future-Ready

World-class products designed
for Africa



R-32

 DRIVING OUR
GREEN VISION

INVERTER



Stabilizer Free

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ABOUT DAIKIN

Daikin is a leading innovator and provider of advanced, high-quality air-conditioning solutions for residential, commercial and industrial applications. As World's Leading Air-conditioning Company, Daikin is committed to delivering air-conditioning solutions that enhance the quality of life all around the world.



A diverse multinational company, Daikin Industries Ltd., active in air-conditioning, chemicals and oil hydraulics, was established in 1924. With headquarters at Osaka, Japan, the Daikin family has more than 84,000 members, working across 100 production base units and 315 consolidated subsidiaries worldwide. As the world's sole manufacturer that develops a long line of products,

from refrigerants to air-conditioners, Daikin advocates comfortable living on the strength of advanced technologies.

Daikin is present in USA and Canada, Europe and Russia, Middle East, Africa, Central Asia, Southeast Asia, Oceania and Latin America. We aim to serve our customers in each of these markets by providing optimal air-conditioning products.



DAIKIN MAKES THE DIFFERENCE

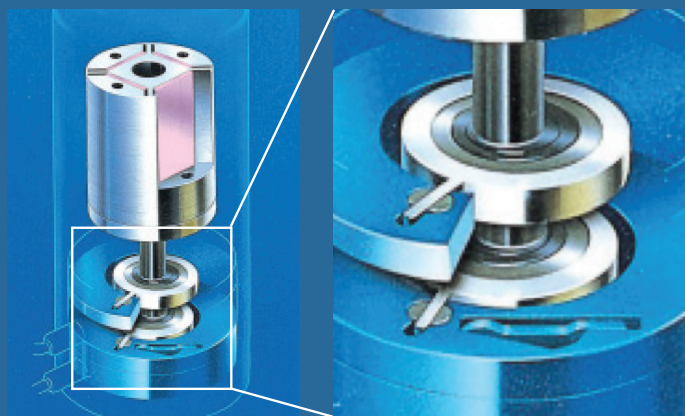
01

Swing compressor

Thanks to its smooth rotation, the swing compressor decreases friction and vibration. It also prevents leakage of refrigerant gas during compression. These advantages provide quiet and efficient operation.



Daikin was presented 32nd Chairman's award by the Japan society for the promotion of the machine industry for swing compressor



02

DC inverter

Daikin calls an inverter model that is equipped with a DC motor as DC inverter. A DC motor offers higher efficiency than an AC motor. A DC motor uses the power of magnets to attract and repel to generate rotation. A DC motor that is equipped with power neodymium magnets, which enable even greater efficiency, is called a reluctance DC motor.



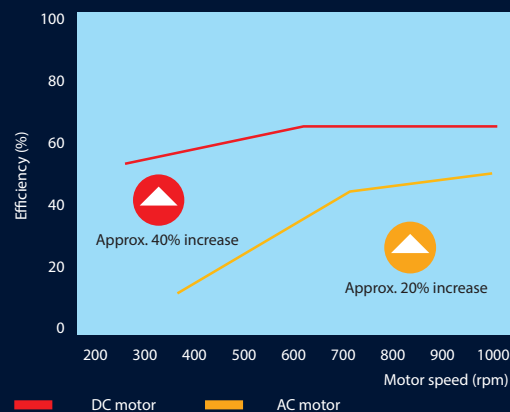
Recipient of Electric Science Promotion Award
(Reluctance DC motor for compressor)

03

DC motor for fan

The DC motor allows fine rotation control, which reduces energy consumption. The motor also provides improvements in operational efficiency of up to 40%, compared to AC motor. These improvements are particularly noticeable in the low-speed range.

Efficiency of DC motor for fan*
(comparison with a conventional AC motor)



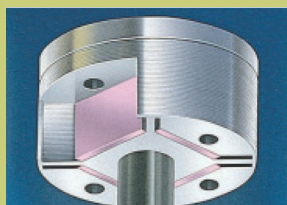
*Data is based on studies conducted under controlled conditions at a Daikin laboratory using Daikin products.

04

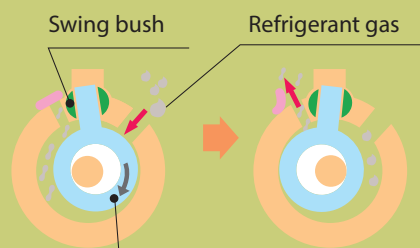
Reluctance DC motor for compressor

Daikin DC inverter models are equipped with the reluctance DC motor for compressor. The reluctance DC motor uses two different types of torque, neodymium magnet¹ and reluctance torque². This motor saves energy by generating more power with a smaller electric current than AC or conventional DC motors. Daikin's internally embedded neodymium magnet generates strong magnetic field and high torque resulting in high operational efficiency with less electricity consumption.

It is more efficient at low frequencies most commonly used by air-conditioners³ improving efficiency by approximately 20%.



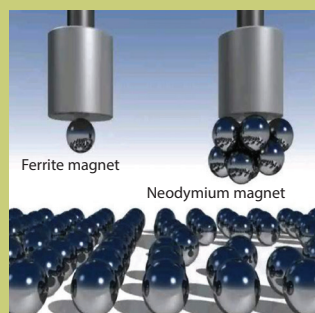
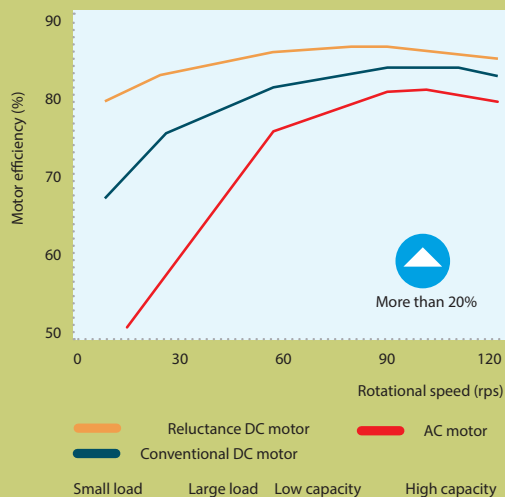
Neodymium magnets are used in the pink-coloured area.



Integral piston of blade and roller

The swing compressor can reduce operational vibration and sound because its piston moves smoothly inside the compressor.

Efficiency of Reluctance DC motor⁴



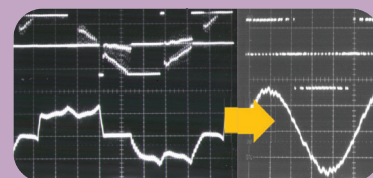
NEODYMIUM MAGNET
10 times
stronger than standard ferrite magnet

Neodymium magnets are approximately 10 times stronger than standard magnets. The use of neodymium magnets in Daikin compressors enhances their performance*. Besides, it helps to improve the frequency range used by air-conditioners during periods of stable operation in which air-conditioners operate for the longest periods.

05

Sine wave

Smooth sine wave of the inverter's electric current eliminates pulsation and high harmonic noise. Highly effective inverter, that can generate the control signal which is closer to the sine wave, thus helping in better efficiency.



06

Pulse amplitude

PAM control reduces energy loss by controlling how often the converter switches on and off.



AHEAD WITH INVERTER TECHNOLOGY



What is Inverter Technology and how is it different from Non-Inverter Technology?

An inverter is a device for converting frequency. The technology is used in many home appliances and controls electric voltage, current and frequency. Inverter air-conditioners vary their cooling/heating capacity by adjusting the power supply frequency of their compressors.

An inverter type air-conditioner adjusts the speed of the compressor to control the refrigerant (gas) flow rate, thereby consuming less current and power. An inverter has precise temperature control and as the set temperature is attained, the unit adjusts its capacity to eliminate any temperature fluctuations.

In contrast, non-inverter air-conditioners have a fixed cooling/heating capacity and can only control the indoor temperature by starting or stopping their compressors.

Non-inverter air-conditioners stops and starts repeatedly. The power consumption and current goes down when the operation stops, but it goes up sharply at the time of restart and thus it has high average power consumption and temperature variations. As a result, inverter air-conditioners are more energy-saving and comfortable than non-inverter air-conditioners.

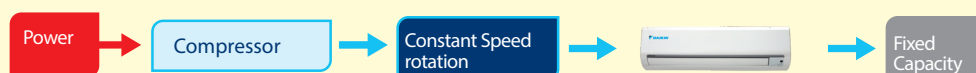
Let's take an example of 1.5 Ton AC. Inverter AC can work from 0.3 to 1.7 ton based on cooling requirement. Non-inverter AC can work at 1.5 ton only (fixed capacity)*.

Variable capacity operation

Inverter power control



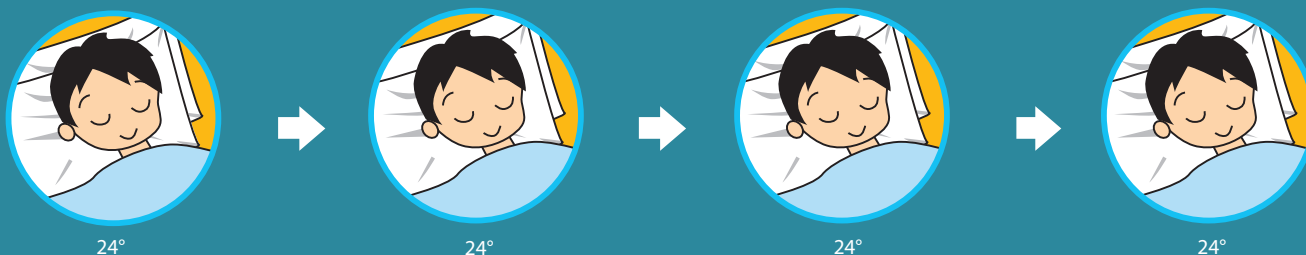
Non-inverter type air-conditioner



Inverter air-conditioners are able to vary their operating capacity. Non-inverter air-conditioners can only operate at a fixed capacity.

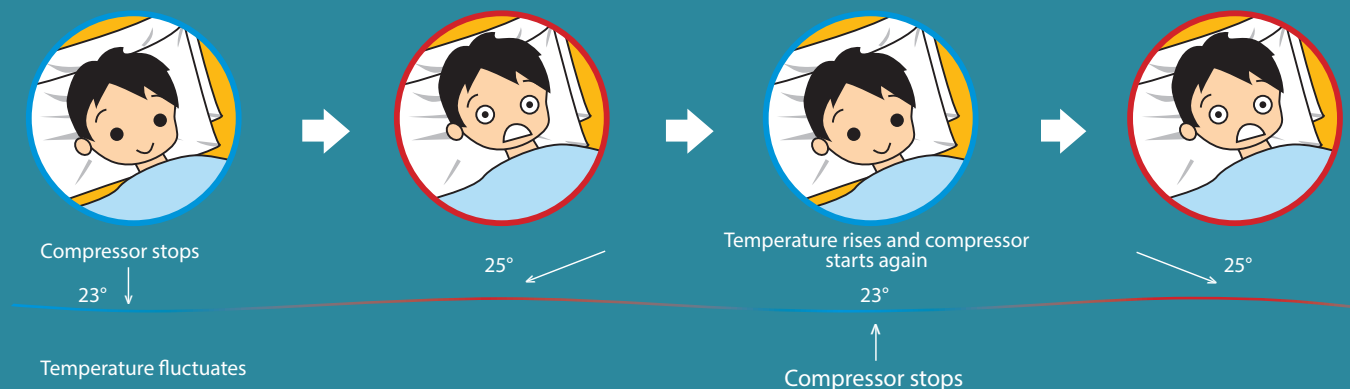
Scenario: Indoor Temperature: 24°, Set Temperature: 24°

Inverter air-conditioner



Temperature remains constant

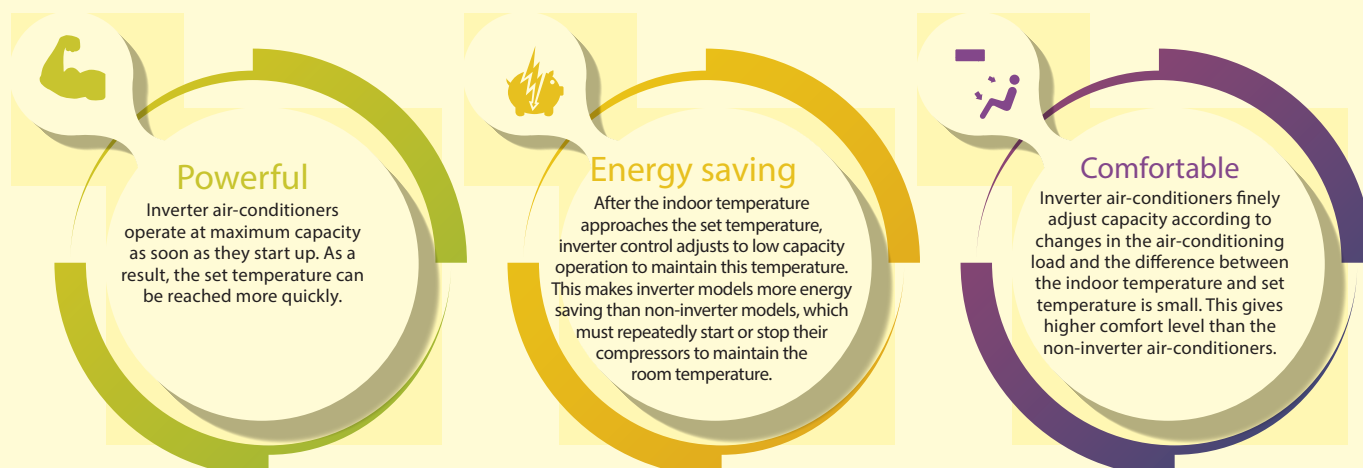
Non-inverter air-conditioner



Inverter air-conditioners are more comfortable than non-inverter models.

Diagrams are used for illustrative purpose only; actual conditions and scenario may vary from the one shown.

What are the benefits of Inverter Air-Conditioners?



R-32 – BEFRIENDING THE ENVIRONMENT



**GO
GREEN**

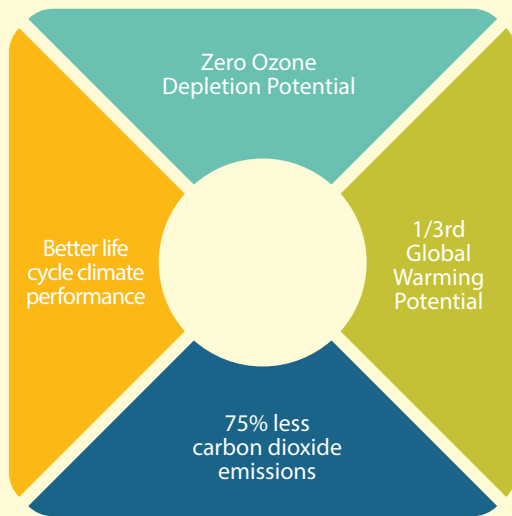
Air is something that surrounds us 24 hours a day. In fact, our existence, as well as earth's depends on it. At Daikin, the future of the world's air is our greatest concern. We, the manufacturer of world's best air-conditioners, are always paving the path to save our environment for next generation.

We phased out all R-22 model and shifted to the green refrigerant R-32. Now, whole world is coming together to find and work on way to address global warming issue. We are also offering worldwide free access to patents for equipment using next generation refrigerant, R-32. Refrigerant choice is a key in saving the ozone layer and reducing global warming.

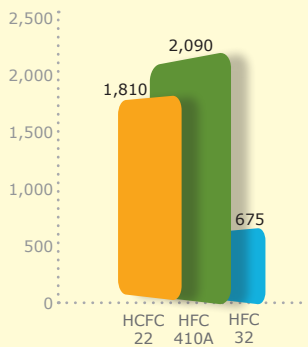
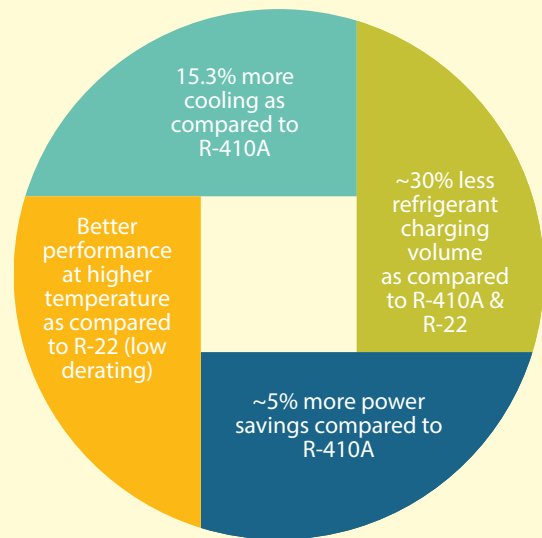
- DAIKIN IS BRINGING GLOBAL TREND OF ECO-FRIENDLY REFRIGERANT BASED PRODUCTS TO AFRICA

- R-32 – ENERGY EFFICIENT REFRIGERANT – SAVES POWER & MONEY

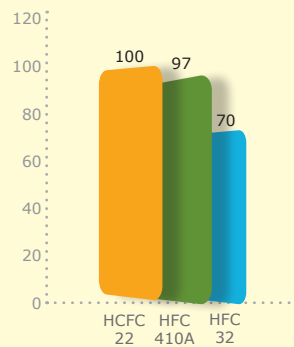
R-32 is Environment-Friendly



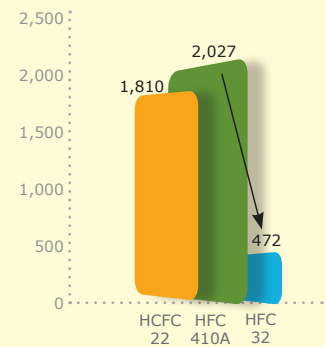
R-32 offers superior performance



X



=

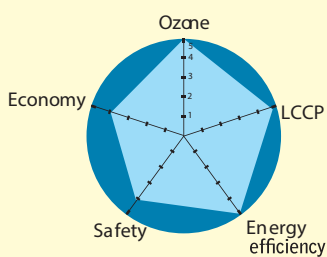


GWP

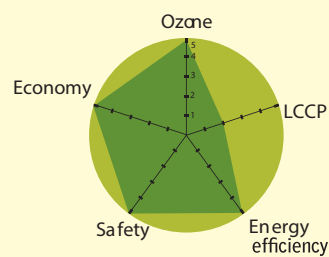
Charging ratio (%)

Theoretical Modified GWP

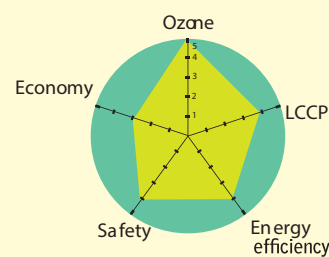
Most balanced refrigerant



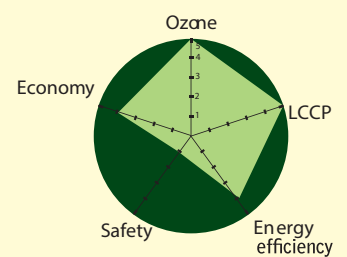
HFC32



HFC410A



HFO1234YF



Propane (HFC290)

R-32 has zero Ozone Depletion Potential (ODP) and Modified Global Warming Potential (GWP) of 472, compared to R-410A's Modified GWP of 2,027. Also R-32 is a single component refrigerant, which makes it easy to recycle. It is because of these reasons that R-32 offers the lowest total emissions and best overall life cycle climate performance.

LEADING WITH INNOVATION

Patented Streamer Discharge Technology

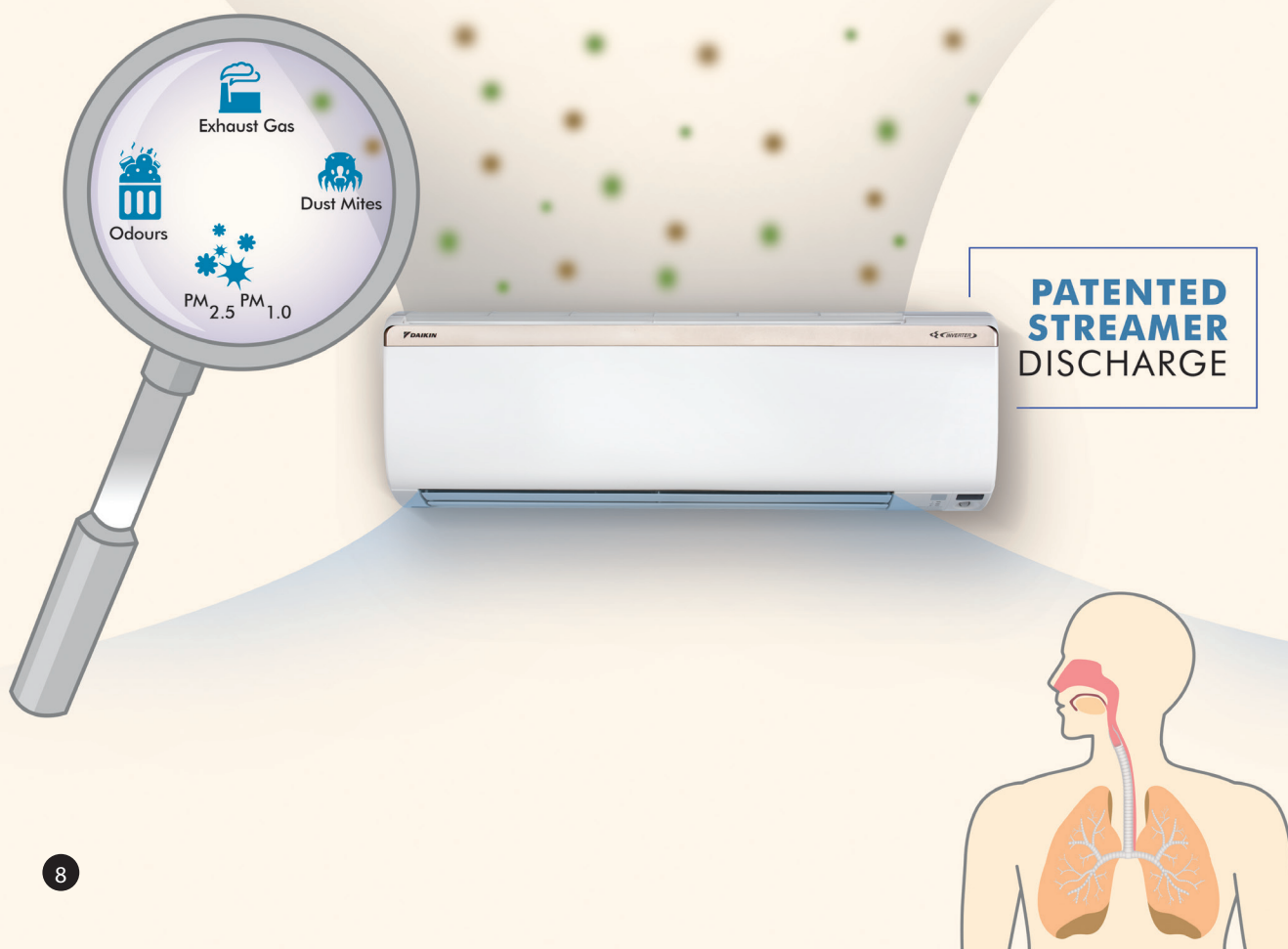


Role

Streamer discharge reduces unpleasant smell and virus inside the room cleaning the indoor air.

Functionality

A type of plasma discharge comprising high speed electrons with high oxidation capacity is released within the unit, decomposing odours and harmful gases. High speed electrons are generated and then absorbed within the unit to ensure safety.



ECONO Operation



Role

This function enables efficient operation by limiting the maximum power consumption. It is useful when using the air-conditioner and other electrical devices simultaneously on a shared electrical circuit.

Functionality

When this function is activated, the maximum capacity also decreases. Remote controller can send the ECONO command when the unit is in COOLING or DRY operation. This function can only be set when the unit is running. Switching off the AC using the remote cancels it. ECONO and POWER CHILL operations cannot be used together. The latest command takes priority.



**ECONO
MODE**



LEADING WITH INNOVATION


Indoor Unit Quiet Operation



Role

This feature ensures low noise level resulting in sound sleep. It optimises the speed of the airflow according to low noise level to give you uninterrupted comfort.

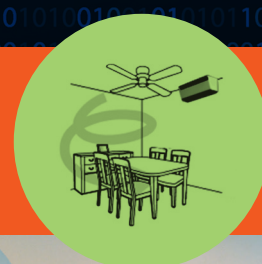
Functionality

The airflow rate is balanced with sound level to produce minimal noise while under this operation. When the airflow is set to  the quiet operation starts and noise from the indoor unit will reduce.

INDOOR UNIT QUIET OPERATION



Coanda Airflow Operation



Role

Coanda airflow operation gives you the best air-conditioning experience. The powerful air draft does not fall on your head directly, but it is steered upward letting air circulate into the corners of the room creating a comfortable ambience.

Functionality

The horizontal flap is controlled not to blow air directly at people in the room. The airflow rate can be set to any level. However, a low airflow rate may cause cold air to go down and blow on people. If SWING button is pressed during COANDA operation, Coanda operation will be cancelled.

When COANDA operation is started during POWER CHILL operation, the system prevents the air from blowing directly onto people.

Note: When POWER CHILL operation is started during COANDA operation, the flap turns downward, allowing the air to blow directly onto people. The combination of COANDA and POWER CHILL operations provides sufficient cooling performance to quickly cool down the room. After POWER CHILL operation is finished, the system automatically returns to COANDA operation.

LEADING WITH INNOVATION

Power Chill Operation



Role

During extreme heat conditions when rooms require quick cooling, power chill ensures room temperature drops rapidly for immediate comfort.

Functionality

Power Chill Operation is designed to give you immediate relief. The air-conditioner works at its maximum capacity and fan speed for 20 minutes and turns the ambience comfortable. It cools 20% faster compared to normal mode.



POWER CHILL OPERATION

Operation mode	Fan speed	Target Temperature
COOL	H tap + A rpm	18°C
DRY	Dry rotating speed + A rpm	Lowered by 2.5°C
FAN	H tap + A rpm	—

Self Diagnosis

SELF

Role

The machine auto detects the error and shows the related code on the remote screen. Now you can easily self diagnose the error and report it to your Daikin authorised service centre for a quick resolution.

Functionality

When the fault is recognised by the indoor unit it sends the corresponding error code to the remote control, which is displayed on the remote control.

1. Press and hold CANCEL button on the remote for 5 seconds, "00" blinks in the temperature display section.
2. Press CANCEL button repeatedly until a long beep is produced. The code indication changes as shown below, and notifies with a long beep.

Self Diagnosis codes

Code	Diagnosis
A1	Indoor unit PCB malfunction
E1	Outdoor unit PCB malfunction
U0	Low Refrigerant detection
E6	Compressor lock
L3	Electrical box temperature rise
E8	Input overcurrent detection
U2	Low-voltage/over-voltage detection

For More details please refer User Manual /Service Manual

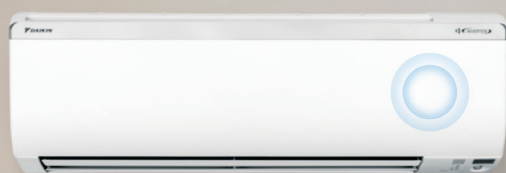
CANCEL



**SELF
DIAGNOSIS**

LEADING WITH INNOVATION

Stabilizer inside operation



STABILIZER
INSIDE



Role

This feature helps stabilize operations by stepping up and stepping down the power voltage during voltage fluctuations.

Functionality

Optimizes energy consumption—AC Operation Guarantee (160V~264V)—and protect the electrical components of the AC during power fluctuations.

Stabilizer free operation



Role

It ensures the air conditioner operates seamlessly even during voltage fluctuations.

Functionality

Optimizes energy consumption—AC Operation Guarantee (160V~264V)—and protect the electrical components of the AC during power fluctuations.



**STABILIZER
FREE**



PURE AIR FOR A HEALTHY LIVING

Start living in a clean environment with Daikin filters that absorb harmful germs and gases to provide health-giving air for your family.



PM2.5 & 0.1 filter
Traps fine air particles – 0.1 to 2.5 microns in width.



Titanium apatite photocatalytic air-purifying filter
Absorbs bacteria and viruses while eliminating odour.



Silver particle anti-bacterial filter
Filter is embedded with silver particles that kills bacteria.



Anti-microbial filter
Its unique micro-structure and electrostatic charge provide effective particle capture, and prohibiting growth of mold and mildew on filter media.

OTHER KEY FEATURES

	Swing compressor		Ag ion filter
	Rotary comp.		Wipe-clean flat panel (washable)
	Reluctance DC motor		Power Display at Indoor unit
	PAM control		Set Temperature Display at Indoor Unit
	Power-airflow dual flaps		Room Temperature Display at Indoor Unit
	Wide-angle louvers		R/C with back light
	Vertical auto-swing (up and down)		Luminescent R/C button
	Horizontal auto-swing (left and right)		Indoor temp. display on R/C
	3-D airflow		R/C LCD back light OFF
	Outdoor unit quiet operation		Child lock
	Intelligent eye		24-Hr ON/OFF timer
	Automatic operation (Heating and Cooling)		Count up-down ON/OFF timer
	Auto fan speed		Good Sleep Off Timer
	Home leave operation		New Good Sleep Off Timer
	Inverter powerful operation		Auto-restart (after power failure)
	New dry mode function		Stabilizer Inside
	New powerful operation (Non-Inverter)		Stabilizer free
	Indoor unit ON/OFF switch		New stabilizer mode
	Fan only		Anti-corrosion treatment of complete Indoor Unit
	Smell proof operation		PE Anti-corrosion treatment of outdoor heat exchanger
	Mold proof operation		

**COMING
SOON!**

INVERTER

R-32



GTKJ Series

Stabilizer Inside

**Salubrious
Air-conditioning**

Available in

Cooling (kW)

3.6, 5.0, 6.0

IDU Colour: White



Patented streamer discharge



Indoor unit quiet operation



Intelligent eye



Power chill operation



Room Temperature Display at Indoor Unit

Specifications

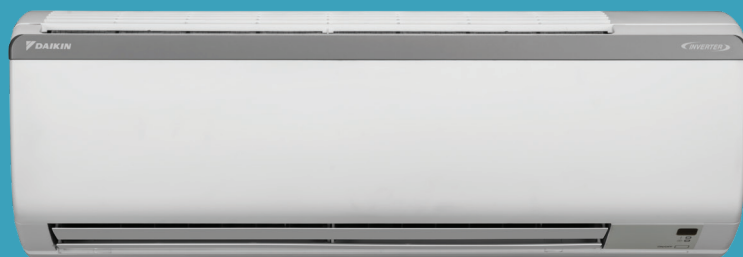
Model name		Indoor unit	GTKJ35TV16UZ	GTKJ50TV16UZ	GTKJ60TV16UZ
		Outdoor unit	RKJG35TV16UZ	RKJG50TV16UZ	RKJG60TV16UZ
Power supply			1Φ 50Hz 230V (220-240V)	1Φ 50Hz 230V (220-240V)	1Φ 50Hz 230V (220-240V)
Power supply intake			Outdoor unit	Outdoor unit	Outdoor unit
Cooling capacity Rated Full/Half (min.~max.)	kW		3.62/1.81 (1.17~4.0)	5.0/2.5 (1.0~6.0)	6.0/3.0 (1.0~7.0)
	Btu/h		12350/6175 (4000~13600)	17100/8550 (3400~20500)	20500/10240 (3400~23900)
Power consumption Rated Full/Half (min.~max.)		W	822/281 (220-1300)	1315/418 (200-1700)	1665/545 (210-2250)
EER		W/W	4.40	3.80	3.60
Voltage Range		V	160-265	130-265	130-265
Operating current		Cooling A	3.8	5.8	7.4
Indoor unit					
Panel colour			White	White	White
Dimensions (H x W x D)		mm	298 x 885 x 229	298 x 885 x 229	298 x 885 x 229
Package dimensions (H x W x D)		mm	375 x 980 x 325	375 x 980 x 325	375 x 980 x 325
Weight (Gross)		kg	11 (16)	11 (16)	11 (16)
Airflow rate		m ³ /min.	13	14.5	16.3
Operation sound H/M/ML/L/SL		Cooling dBA	39/35/32/29/26	42/38/34/31/28	45/41/37/33/30
Outdoor unit					
Dimensions (H x W x D)		mm	550x765x285	595x845x300	595x845x300
Package dimensions (H x W x D)		mm	642x932x380	680x1035x410	680x1035x410
Weight (Gross)		kg	32(38)	39(47)	39(47)
Operation sound H/L		Cooling dBA	48/44	47/44	49/46
Refrigerant (Quantity)		kg	R32 (0.82)	R32 (1.04)	R32 (1.04)
Breaker size		A	15	20	20
Piping length	Charge-less		10	10	10
	Max. length	m	20	30	30
	Max. height		15	20	20
Piping connection		mm	Φ9.5/ Φ6.4	Φ12.7 / Φ6.4	Φ12.7 / Φ6.4
Operation limit		°CDB	10~50	10~50	10~50
Loading Quantity		Sets	200	160	160

Measurement conditions:

1. Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB, piping length 5 m.

2. Sound levels are based on temperature conditions 1. above with 5m piping length. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions. Cooling and heating capacities above are rounded off to first decimal. 1TR (Ton of Refrigeration) = ~3.517 kilowatt. For the complete feature list please refer page 25.

INVERTER R-32



GTKL Series

Stabilizer Inside

New age of Air-conditioning

Available in

Cooling (kW)

3.5, 5.0, 6.0

IDU Colour: White



Coanda airflow



Power chill operation



Econo mode



Indoor unit quiet operation



Self diagnosis

Specifications

Model name		Indoor unit		GTKL35TV16XZ	GTKL50TV16UZ	GTKL60TV16UZ
		Outdoor unit		RKLG35TV16XZ	RKLG50TV16UZ	RKLG60TV16UZ
Power supply				1Φ 50Hz 230V (220-240V)	1Φ 50Hz 230V (220-240V)	1Φ 50Hz 230V (220-240V)
Power supply intake				Outdoor unit	Outdoor unit	Outdoor unit
Cooling capacity Rated Full/Half (min.~max.)		kW		3.5/1.75 (1.75~3.5)	5.0/2.5 (2.5~5.0)	6.0/3.0 (2.5~6.0)
		Btu/h		11900/5970 (6000~11900)	17100/8500 (8500~17100)	20500/10240 (8500~20500)
Power consumption Rated Full/Half (min.~max.)		W		1110/468 (468-1110)	1752/615 (615-1752)	1970/780 (720-1970)
EER		W/W		3.15	2.85	3.05
Voltage Range		V		160-265	160-265	160-265
Operating current	Cooling	A		4.87	7.71	8.67
Indoor unit						
Panel colour				White	White	White
Dimensions (H x W x D)		mm		283 x 800 x 198	298 x 885 x 229	298 x 885 x 229
Package dimensions (H x W x D)		mm		340 x 855 x 265	375 x 980 x 325	375 x 980 x 325
Weight (Gross)		kg		8 (12)	11 (16)	11 (16)
Airflow rate		m ³ /min.		9.6	16.2	16.3
Operation sound H/M/ML/L/SL	Cooling	dBA		40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Outdoor unit						
Dimensions (H x W x D)		mm		550 x 765 x 285	595 x 845 x 300	595 x 845 x 300
Package dimensions (H x W x D)		mm		642 x 932 x 380	680 x 1035 x 410	680 x 1035 x 410
Weight (Gross)		kg		26(31)	34 (39)	35(40)
Operation sound H/L	Cooling	dBA		51/--	54/--	56/--
Refrigerant (Quantity)		kg		R32(0.56)	R32(0.70)	R32(1.05)
Breaker size		A		15	20	20
Piping length	Charge-less			10	10	10
	Max. length	m		20	20	30
	Max. height			15	10	20
Piping connection	Gas/Liquid	mm		9.5/ 6.4	12.7 / 6.4	12.7 / 6.4
Operation limit	Cooling	°CDB		19.4~50	19.4~50	19.4~50
Loading Quantity		Sets		220	160	160

Measurement conditions:

- Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB, piping length 5 m.
- Sound levels are based on temperature conditions 1. above with 5m piping length. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions. Cooling and heating capacities above are rounded off to first decimal. 1TR (Ton of Refrigeration) = ~3.517 kilowatt. For the complete feature list please refer page 25.

INVERTER

R-32

GTHT Series

Stabilizer Inside

Dual
Comfort

Available in

Cooling (kW)	3.5, 5.0, 6.0	IDU Colour: White
Heating (kW)	3.5, 5.0, 5.5	

Heating function till
4°C ambient

Econo mode

Coanda
airflowIndoor unit
quiet operation

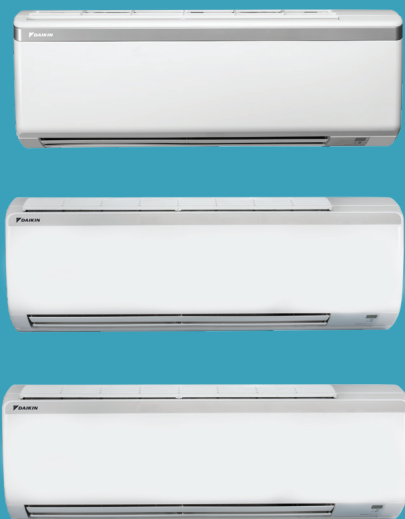
Self diagnosis

Specifications

Model name		Indoor unit	GTHT35TV16XZ	GTHT50TV16UZ	GTHT60TV16UZ
		Outdoor unit	RHTG35TV16XZ	RHTG50TV16UZ	RHTG60TV16UZ
Power supply			1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
Power supply intake		Outdoor unit	Outdoor unit	Outdoor unit	Outdoor unit
Cooling capacity Rated Full/Half(min.~max.)	kW		3.5/1.75 (1.75~3.5)	5.0/2.5 (2.5~5.0)	6.0/3.0(2.5~6.0)
	Btu/h		11900/6000 (6000~11900)	17100/8500 (8500~17100)	20500/10240 (8500~20500)
Heating capacity Rated Full/Half (min.~max.)	kW		3.5/1.75 (1.75~3.5)	5.0/2.5 (2.5~5.0)	5.5/2.75(2.5~5.5)
	Btu/h		11900/6000 (6000~11900)	17100/8500 (8500~17100)	18800/9400 (8500~18800)
Power consumption Rated Full/Half (min.~max.)	Cooling	W	1110 /468(468-1110)	1850/588 (588-1850)	1970/780 (588~1970)
	Heating	W	1110 /468(468-1110)	1850/588 (588-1850)	1700/700 (588~1700)
EER	Cooling	W/W	3.15	2.70	3.05
Voltage Range	Cooling	V	160-265	160-265	160-265
	Heating	V	160-265	160-265	160-265
Operating current	Cooling	A	4.87	8.15	8.67
	Heating	A	4.87	8.15	7.48
Indoor unit					
Panel colour			White	White	White
Dimensions (H x W x D)		mm	283x800x198	298x885x229	298x885x229
Package dimensions (H x W x D)		mm	340 x 855 x 265	375 x 980 x 325	375 x 980 x 325
Weight (Gross)		kg	8 (12)	11(16)	11 (16)
Airflow rate *1 X(Y)	Cooling	m³/min.	9.6	16.2	16.3
	Heating		9.6	16.2	16.3
Operation sound H/M/ML/L/SL	Cooling	dBA	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
	Heating		40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Outdoor unit					
Dimensions (H x W x D)		mm	550x765x285	595x845x300	595x845x300
Package dimensions (H x W x D)		mm	642x932x380	680x1035x410	680x1035x410
Weight (Gross)		kg	27(34)	35(43)	36(44)
Operation sound H/SL	Cooling	dBA	51/--	54/--	56/--
	Heating		51/--	54/--	56/--
Refrigerant (Quantity)		kg	R32(0.56)	R32 (0.68)	R32 (1.03)
Breaker size		A	15	20	20
Piping length	Charge-less		10	10	10
	Max. length	m	20	30	30
	Max. height		15	20	20
Piping connection	Gas/Liquid	mm	φ9.5/ φ6.4	φ12.7 / φ6.4	φ12.7 /φ6.4
Operation limit	Cooling	°CDB	19.4~50	19.4~50	19.4~50
	Heating		4~24	4~24	4~24
Loading Quantity	40 HQ Container	Sets	220	160	160

Measurement conditions:

- Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB, piping length 5 m.
- Sound levels are based on temperature conditions 1. above with 5m piping length. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions. Cooling and heating capacities above are rounded off to first decimal. 1TR (Ton of Refriaeration) = ~3.517 kilowatt. For the complete feature list please refer page 25.



R-32

GTL Series
GTQ Series
GTE Series

Stabilizer free



Econo mode



Coanda
airflow



Power chill
operation



Good sleep
off timer



Self diagnosis

Specifications

Model name		Indoor unit	GTL28TV16X2Z	GTQ35TV16X2Z	GTE50TV16U2Z	GTQ60TV16U2Z
		Outdoor unit	RLG28TV16X2Z	RGQ35TV16X2Z	REG50TV16U2Z	RQG28TV16U2Z
Power Supply			230V/1ph/50Hz	230V/1ph/50Hz	230V/1ph/50Hz	230V/1ph/50Hz
Power supply intake			Outdoor	Outdoor	Outdoor	Outdoor
Rated Cooling Capacity*	kW		2.80	3.35	5.2	6.40
	BTU/h		9,555	11,450	17,742	21,837
Power consumption	kW		767	971	1,600	1,855
EER	W/W		3.65	3.45	3.25	3.45
Voltage Range	V		160-265	160-265	160-265	160-265
Operating current	Cooling	A	3.40	4.30	7.30	8.50
Indoor unit						
Dimensions (HxWxD)	mm		283 x 800 x 198	283 x 800 x 198	298 x 885 x 229	298 x 885 x 229
Weight (Gross)	kg		9		12	
Airflow rate	cfm		342	374	533	586
Sound Pressure	H/M/L	dB(A)	39/35/29	40/35/30	44/41/35	47/41/35
Outdoor unit						
Dimensions (HxWxD)	mm		550 x 765 x 285	550 x 765 x 285	595 x 845 x 300	595 x 845 x 300
Weight (Gross)	kg		29		39	44
Sound Pressure	H	dB(A)	51	51	54	56
Refrigerant Type			R-32	R-32	R-32	R-32
Compressor Size	Type		Rotary non-inverter	Rotary non-inverter	Rotary non-inverter	Rotary non-inverter
Piping lengths	Total	m	20	20	20	20
	Elevation		15	15	10	10
	Chargeless		10			
Piping connection	Liquid (Flare)	mm	6.35	6.35	6.35	6.35
		in	1/4	1/4	1/4	1/4
	Gas (Flare)	mm	9.52	9.52	12.7	12.7
		in	3/8	3/8	1/2	1/2
Operating range	Cooling	CDB	19.4~50			
Loading Quantity	40 HQ Container	Sets	220	220	140	160

*T1 Outdoor: 35°CDB T1 Indoor: 27°CDB / 19°CWB

UNIT OPTIONS

Optional Parts	GTKJ35/50/60
	RKJ35/50/60
5 rooms centralised controller	NA
Wiring adopter for time clock / remote control	KRP413AB1S + New Optional power adaptor
Air purifying filter (PM 0.1)	KAF010A503
Air purifying filter (PM 2.5)	KAF250A502
Titanium apatite deodorising air purifying filter	KAF970A45
Ag-ion filter	KAF057A41
Anti-microbial filter	KAF500A504
Air purifying filter (PM 0.1) for streamer	Included with the unit in accessories bag
Air purifying filter (PM 2.5) for streamer	KAF250A505
Remote Holder	Included with the unit in accessories bag

Optional Parts	GTHT35/50/60	GTKL35/50/60
	RHT35/50/60	RKLG35/50/60
5 rooms centralised controller	NA	NA
Wiring adopter for time clock / remote control	KRP413AB1S + New Optional power adaptor (5.0 & 6.0kW only)	KRP413AB1S + New Optional power adaptor (5.0 & 6.0kW only)
Air purifying filter (PM 0.1)	KAF010A503	KAF010A503
Air purifying filter (PM 2.5)	Included with the unit in accessories bag	KAF250A502
Titanium apatite deodorising air purifying filter	KAF970A45	KAF970A45
Ag-ion filter	KAF057A41	KAF057A41
Anti-microbial filter	KAF500A504	Included with the unit in accessories bag
Air purifying filter (PM 0.1) for streamer	NA	NA
Air purifying filter (PM 2.5) for streamer	NA	NA
Remote Holder	NA	NA

Optional Parts	GTL28	GTQ35/60	GTE50
Titanium apatite deodorising air purifying filter	KAF970A45	KAF970A45	KAF970A45 (Optional)
Air purifying filter (PM 2.5)	KAF250A502	KAF250A502	Included with the unit in accessories bag
Air purifying filter (PM 0.1)	KAF010A503	KAF010A503	KAF010A503 (Optional)
Ag-ion filter	KAF057A41	KAF057A41	KAF057A41 (Optional)
Anti-microbial filter	Included with the unit in accessories bag	KAF500A5	KAF500A504 (Optional)

FEATURES LIST

Function		GTKJ35/50/ 60TV16UZ	GTHT35/50/ 60TV16UZ	GTKL35/50/ 60TV16XZ	GTL28 TV16X2Z	GTQ35/60 TV16X2Z	GTE50
		RKJG35/50/ 60TV16UZ	RHTG35/50/ 60TV16UZ	RKLG35/50/ 60TV16XZ	RLG28 TV16X2Z	ROG35/60 TV16X2Z	RQG50
Technology	Swing compressor	●	●	●	—	—	—
	Rotary comp.	—	—	—	●	●	●
	Reluctance DC motor	●	●	●	—	—	—
	PAM control	●	●	●	—	—	—
Comfortable Airflow	New comfort airflow mode (COANDA)	●	●	●	●	●	●
	Power-airflow dual flaps	●	●	●	●	●	●
	Wide-angle louvers	●	●	●	●	●	●
	Vertical auto-swing (up and down)	●	●	●	●	●	●
	Horizontal auto-swing (left and right)	●	—	—	—	—	—
	3-D airflow	●	—	—	—	—	—
Comfort Control	Indoor unit quiet operation	●	●	●	—	—	—
	Outdoor unit quiet operation	●	—	—	—	—	—
	Intelligent eye	●	—	—	—	—	—
	Automatic operation (Heating and Cooling)	—	●	—	—	—	—
Lifestyle	Auto fan speed	●	●	●	●	●	●
	ECONO mode	●	●	●	●	●	●
	Inverter powerful operation	—	●	—	—	—	—
	New dry mode function	●	●	●	●	●	●
	POWER CHILL operation	●	—	●	●	●	●
	Indoor unit ON/OFF switch	●	●	●	●	●	●
Cleanliness	Fan only	●	●	●	●	●	●
	Patented Streamer Discharge Air Purifier	●	—	—	—	—	—
	Mold proof operation	—	—	—	—	—	●
	Smell proof operation	●	—	●	●	●	●
	Titanium apatite deodorising air purifying filter	Option	Option	Option	Option	Option	Option
	Ag ion filter	Option	Option	Option	Option	Option	Option
	Air purifying filter (PM2.5)	Option	—	Option	Option	Option	Option
	Air purifying filter (PM0.1)	●	—	Option	Option	Option	Option
Controls	Anti-microbial filter	Option	—	●	Option	Option	Option
	Wipe-clean flat panel (washable)	●	●	●	●	●	●
	Power Display at Indoor unit	●	—	—	—	—	—
	Set Temperature Display at Indoor Unit	●	—	—	—	—	—
	Room Temperature Display at Indoor Unit	●	—	—	—	—	—
	R/C with back light	●	●	—	●	●	●
	Luminescent R/C button	●	●	●	●	●	●
	Indoor temp. display on R/C	—	●	—	—	—	—
Timers	R/C LCD back light OFF	●	●	—	—	—	—
	Child lock	●	●	—	—	—	—
	24-Hr ON/OFF timer	●	●	—	—	—	—
	Count up-down ON/OFF timer	—	—	●	●	●	●
Worry Free	Good Sleep Off Timer	—	—	●	●	●	●
	New Good Sleep Off Timer	●	●	—	—	—	—
	Auto-restart (after power failure)	●	●	●	●	●	●
	Stabilizer Inside	●	●	●	—	—	—
	Stabilizer free	—	—	—	●	●	●
	New stabilizer mode	● for 5.0 & 6.0kW Model	—	—	—	—	—
	Self-diagnosis (RC,LED) display	●	●	●	●	●	●
	PE Anti-corrosion treatment of outdoor heat exchanger	●	●	●	●	●	●



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