



WORLD'S LEADING AIR CONDITIONING
COMPANY FROM JAPAN

FUTURE READY



R32 ECO-FRIENDLY
REFRIGERANT



STREAMER DISCHARGE
TECHNOLOGY



INVERTER
TECHNOLOGY

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Engine of Growth

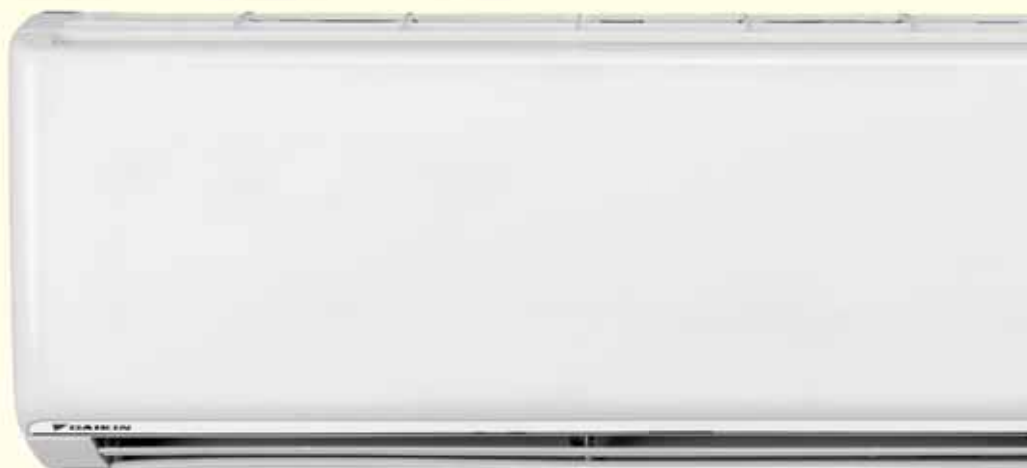
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Bespoke Features

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 51,000 members, working across 90 production base units and 208 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.



2000

Daikin enters the Indian market in a JV with Usha Shriram Group at 80:20 stakes respectively as Daikin Shriram Airconditioning.

2008

Groundbreaking ceremony of Daikin India's manufacturing base at Neemrana, Rajasthan.

2002

Daikin introduces VRV technology in India.

DAIKIN INDIA

2004

Daikin India becomes a wholly-owned subsidiary of Daikin Industries Ltd., Japan.

2007

Daikin India relocates headquarter to Gurgaon and commences business of McQuay chillers in India.

2009

Production commences at manufacturing plant in Neemrana, Rajasthan.

2010

Fresh round of ₹ 250 crore investment. Thus taking it to a total of ₹ 743 crore.

2015

MoU signed with the Rajasthan Government for ₹ 600 crore investment.

2012

Production of High Wall Split air-conditioners with R32 refrigerant commences.

2016

Research and Development Centre opens at Neemrana, Rajasthan.

IAAT A GLANCE

2013

Fresh round of ₹ 330 crore investment.

2017

Second production facility opens at Neemrana, Rajasthan.

TRANSCENDING BOUNDARIES

North America

South America

- Osaka Head Office
- Tokyo Office
- Production Site
- Overseas Affiliate
- R&D Site

US\$ 22 bn
Revenue

90+
Worldwide Production Base

*Based on Internal revenue estimate (2018); 1 USD = 110 Yen



Note: Map not to scale

150+

Country Presence

US\$300mn

**Investment in
Advanced R&D centre**

INDIA'S FIRST EVER
AIR CONDITIONER WITH

HEARING SENSE



AN AC THAT LISTENS



Mobile App
Controlled

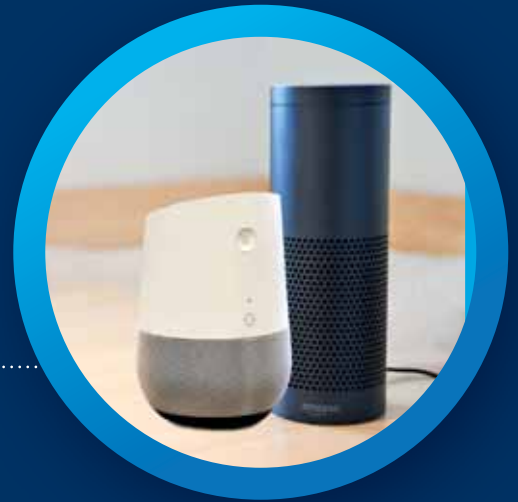


Voice control
with Alexa &
Google Home

Experience the new level of comfort with Daikin's new IoT enabled Smart Air conditioner. Now you can control your air conditioner from anywhere, whether you are inside your home, office, market or park. Set the temperature you need at home before you leave from your office and find your room turned into an even more comfortable place by the time you reach home.

Voice Enabled

The new Daikin IoT enabled Smart Air Conditioner is compatible with Google Home and Amazon Alexa which make controlling your air conditioner more fun. Just integrate your Google Home or Amazon Alexa with Daikin Smart Air conditioner and experience a new way to control your AC.





App Enabled

Now you don't need the remote to control your air conditioner. Daikin's new wi-fi enabled AC comes with an application which lets you switch on/off, control various modes and control swing and fan speed through an application. Now you can control it from anywhere in the world.



Configuring Daikin IoT-enabled Smart Air Conditioner is easy

- 1 Download Daikin India AC Manager App from Google Play Store for Android and Apple Store for iOS. 
- 2 Install the application. 
- 3 Create your Login ID and set a password. 
- 4 Switch on your Daikin's IoT enabled smart air conditioner. 
- 5 Activate Wi-fi in your AC. 
- 6 Connect Daikin India AC Manager Application with the air conditioner. 
- 7 Now you can start operating your air conditioner. Enjoy! 
- 8 To integrate Daikin's IoT enabled smart air conditioner with Google Home or Amazon Alexa:
 - Activate your device (Google Home or Amazon Alexa)
 - Log into your account
 - Connect your device and the Daikin IoT AC through Wi-fi network and start operating

PREPARED FOR LEVEL-NEXT: ENGINE OF GROWTH

MANUFACTURING PLANT

Daikin's manufacturing plant at Neemrana, Rajasthan, aims to create products that will add comfort to the lives of people. It is supported by a network of production bases throughout the world and showcases the application of advanced technology and equipment. Our comprehensive quality control system features centrally computerised management of quality and production data to facilitate high-quality production within scheduled time.

Area

42,300
sq mtrs

Investments*

10,299
mn



Factory 1



Factory 2

RESEARCH & DEVELOPMENT FACILITY

Lab facilities

- Two Psychrometric lab of 3 TR and one Lab of 5 TR
- One multi-chamber lab of 25 TR capacity
- One Full Anechoic chamber for running sound test
- 10 HP* Product Reliability test lab, CFM test lab and one 11 TR Psychrometric lab

Test facilities

- Cyclic Corrosion test
- Salt Spray test
- Thermal Shock test*
- Vibration test*
- Environmental test*
- Drop test#

Other facilities

- Concept room
- Mock-up area
- Device test room (electronic parts test room)

*Operational by 2018 #Under installation

Area

5,088
sq mtrs

Investments*

1,000
mn



R&D Centre

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.



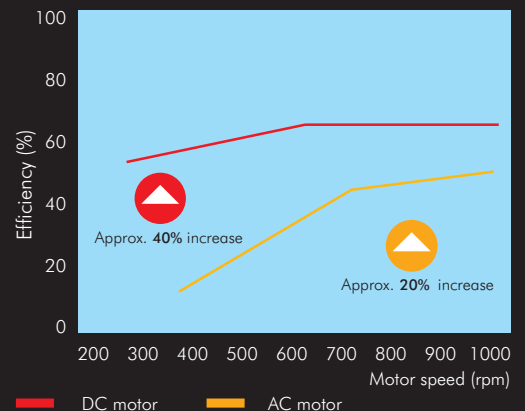
Recipient of Electric Science Promotion Award (Reluctance DC motor for compressor)

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.

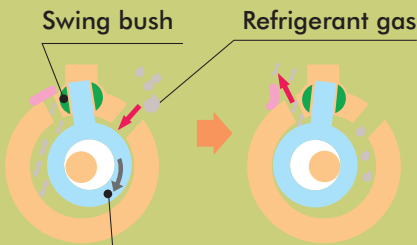
04

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 efficient³ at low frequencies most commonly used by air-conditioners³ improving efficiency by approximately 20%.

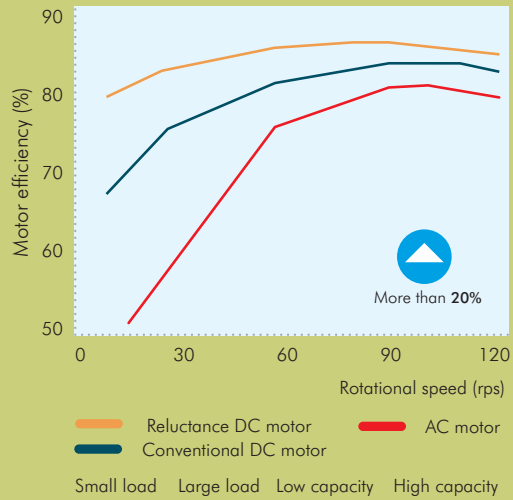


Neodymium magnets are used in the pink-coloured area.



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.

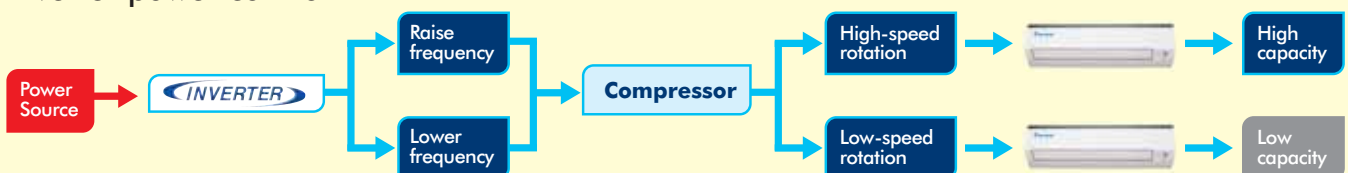
In contrast, non-inverter air-conditioners have a fixed cooling/heating capacity and can only control the indoor temperature by starting or stopping their compressors.

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.

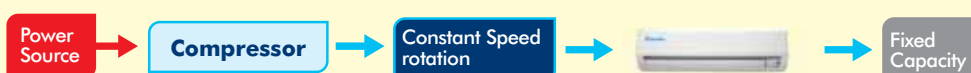
Let's take an example of 1.5 Ton AC. Inverter AC can work from 0.3 to 1.7 ton based on cooling requirement. Non-inverter AC can work at 1.5 ton only (fixed capacity)*.

Variable capacity operation

Inverter power control



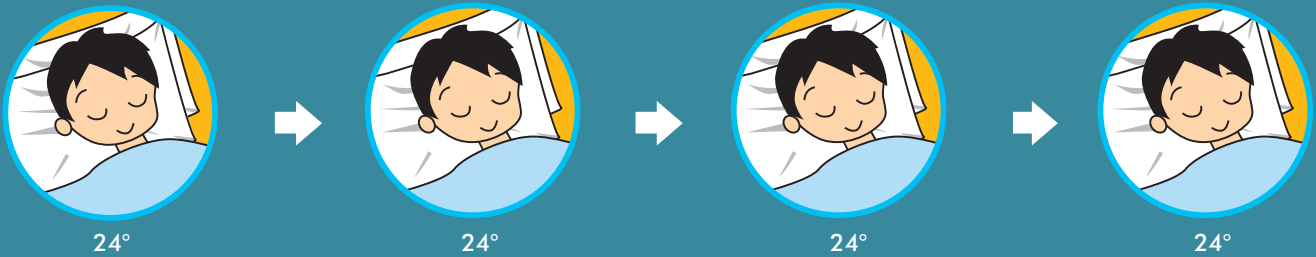
Non-inverter type air-conditioner



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

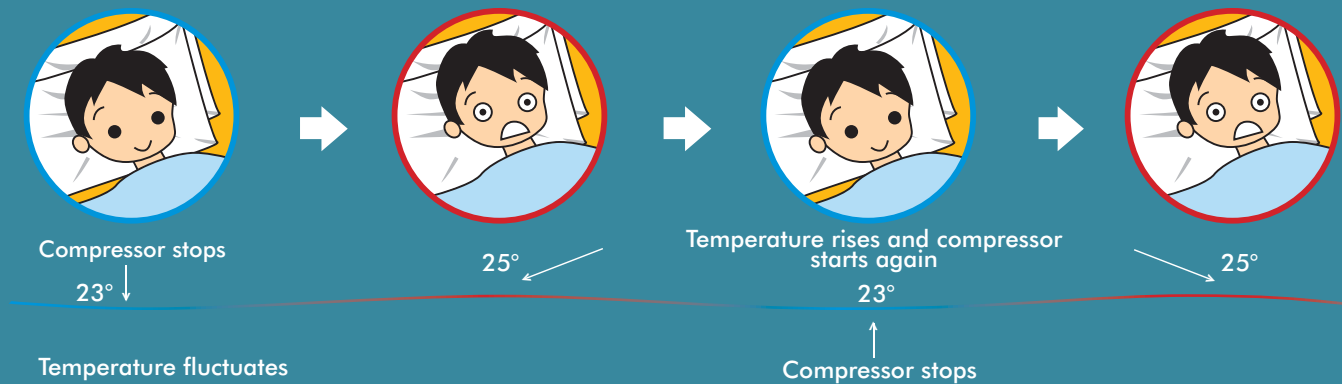
Scenario: Indoor Temperature: 24°, Set Temperature: 24°

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?

Powerful

Inverter air-conditioners operate at maximum capacity as soon as they start up. As a result, the set temperature can be reached more quickly.

Energy saving

After the indoor temperature approaches the set temperature, inverter control adjusts to low capacity operation to maintain this temperature. This makes inverter models more energy saving than non-inverter models, which must repeatedly start or stop their compressors to maintain the room temperature.

Comfortable

Inverter air-conditioners finely adjust capacity according to changes in the air-conditioning load and the difference between the indoor temperature and set temperature is small. This gives higher comfort level than the non-inverter air-conditioners.

R32 – BEFRIENDING THE ENVIRONMENT



**GO
GREEN**

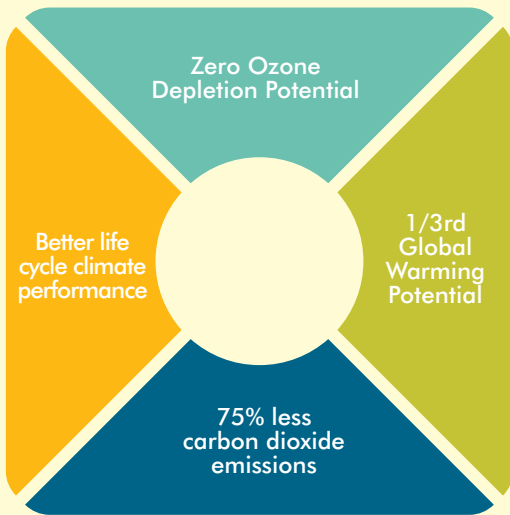
Air is something that surrounds us 24 hours a day. In fact, our existence, as well as earth's depends on it. At Daikin, the future of the world's air is our greatest concern. We, the manufacturer of world's best air-conditioners, are always paving the path to save our environment for next generation.

We phased out all R22 model and shifted to the green refrigerant R32. 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, R32. Refrigerant choice is a key in saving the ozone layer and reducing global warming.

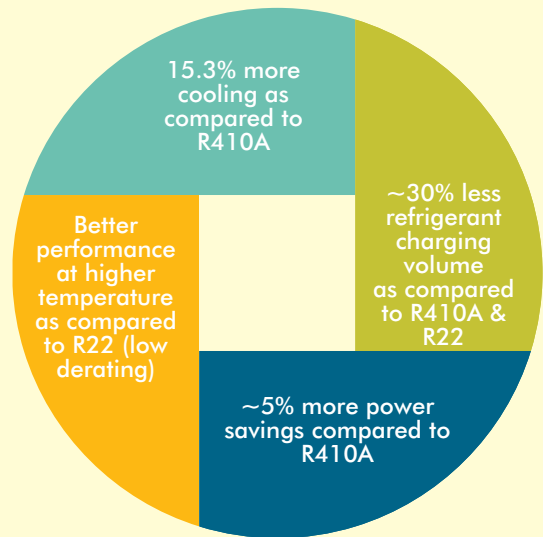


OUR RA MODELS MANUFACTURED IN INDIA USE THE NEXT GENERATION REFRIGERANT, R32.

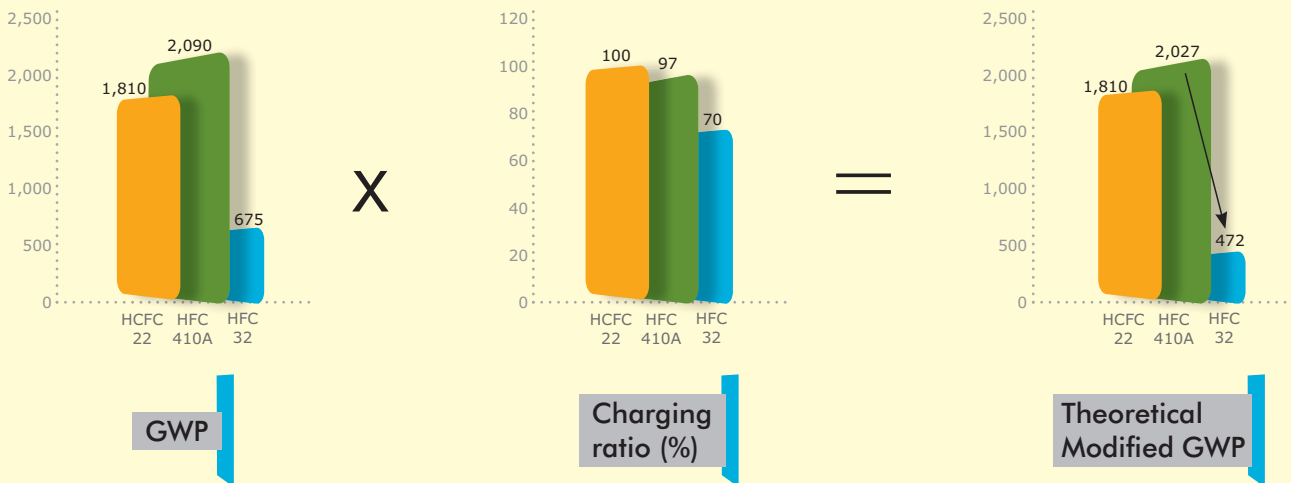
R32 is Environment-Friendly



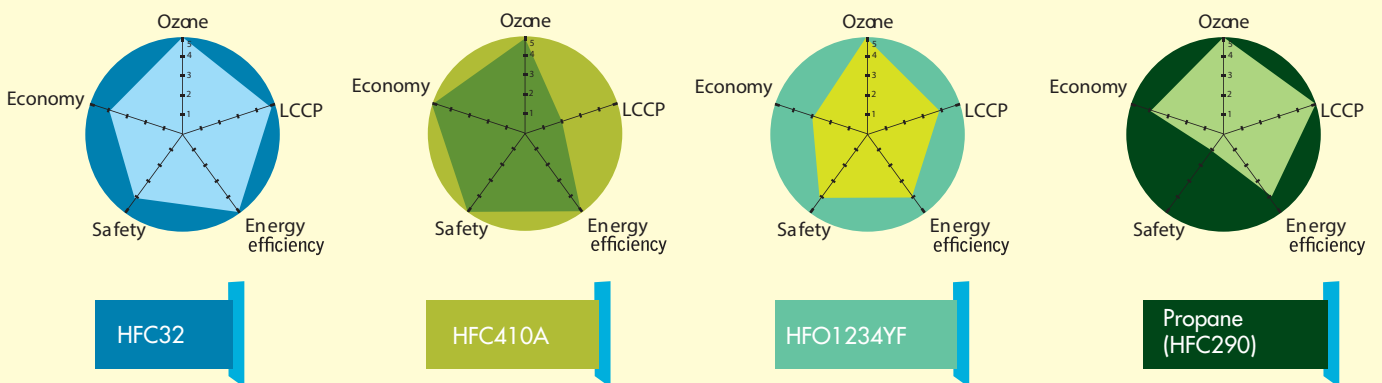
R32 offers superior performance



Only 1/3rd Global Warming Potential



Most balanced refrigerant



R32 has zero Ozone Depletion Potential (ODP) and Modified Global Warming Potential (GWP) of 472, compared to R410A's Modified GWP of 2,027. Also R32 is a single component refrigerant, which makes it easy to recycle. It is because of these reasons that R32 offers the lowest total emissions and best overall life cycle climate performance.

A STEP TOWARDS A COOLER PLANET

We are glad to be chosen as a finalist of The Global Cooling Prize (GCP) together with Nikken Sekkei Ltd.



The Global Cooling Prize is rallying a global coalition of leaders to solve the critical climate threat that comes from growing demand for residential air conditioning. It encourages harnessing the power of innovation to provide cooling solutions that enhance people's lives without contributing to runaway climate change.

We collaborated with Nikken Sekkei Ltd. to propose a new concept for room air conditioning. The innovation employs a technology that can achieve comfort and energy savings, concurrently ensuring a consistent room temperature and humidity by adequately controlling multiple indoor units in one room. Moreover, it utilises the vaporisation heat of water to further increase the energy efficiency of the equipment. The proposed equipment uses HFO-1234ze(E) refrigerant, which has a low Global Warming Potential (GWP).

Key Attributes of the Solution

Proposed low GWP refrigerant HFO1234ze that is mildly flammable with A2L rating

Proprietary swing compressor technology used to enhance the performance efficiency

Control technology with sensors for measurement of outdoor and indoor air conditions



Our participation in the Global Cooling Prize is consistent with our 'Environmental Vision 2050', which provides a roadmap for us to reach carbon neutrality by 2050. In line with that vision, we are in a continuous search to reduce energy consumption and refrigerant impact. Our participation in the Global Cooling Prize is a part of that effort to examine energy efficiency technology with low GWP refrigerant alternatives.





MOST ENERGY EFFICIENT AIR-CONDITIONER AWARD

We are glad to receive the award for the MOST ENERGY EFFICIENT APPLIANCE for our product JTKM50SRV16 + RKM50SRV16 in fixed and variable speed air-conditioners. This recognition by the Ministry of Power - Government of India appreciates us as the best-in-class manufacturer of energy-efficient products.



MOST ENERGY EFFICIENT



LOW POWER CONSUMPTION



MORE ENERGY SAVING



MONEY SAVING

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.





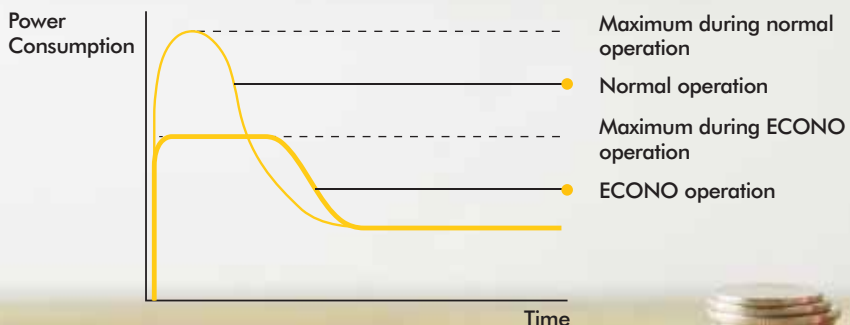
ECONO Operation

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.



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

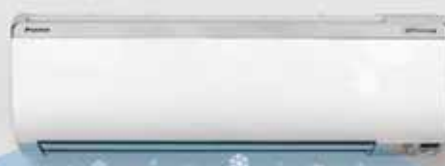


Role

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



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

LEADING WITH INNOVATION

Stabilizer inside operation



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.



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		Installation Kit (3 meter)

INVERTER  R-32

FTKR Series

Stabilizer Inside

IoT Enabled Air-conditioning



Available in

Cooling (kW)

3.5, 5.0, 6.0

IDU Colour: White



Mobile App Controlled



Voice controlled with Alexa & Google Home



Indoor unit quiet operation



Power chill operation



Room Temperature Display at Indoor Unit

Specifications

		FTKR35TV16W	FTKR50TV16U	FTKR60TV16U
Model name	Indoor unit	FTKR35TV16W	FTKR50TV16U	FTKR60TV16U
	Outdoor unit	RKR35TV16W	RKR50TV16U	RKR60TV16U
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 ~4.0)	5.0/2.5 (2.5~5.7)	6.0/3.0 (2.5~6.7)
Cooling capacity Rated Full/Half (min.~max.)	Btu/h	11900/5970 (6000~13600)	17100/8500 (8500~19400)	20500/10240 (8500~22900)
Power consumption Rated Full/Half (min.~max.)	W	999/330 (330-999)	1415/475 (475-1750)	1665/580 (580-1665)
Annual Power consumption	kWh	577	824	989
ISEER / Star Rating	Wh/Wh	4.70/5*	4.70/ 5*	4.70 / 5*
Voltage Range	V	160-265	160-265	160-265
Operating current	Cooling	A	4.67	6.37
			6.37	7.4
Indoor unit				
Panel colour		White	White	White
Dimensions HxWxD	mm	298 x 800 x 229	298 x 885 x 229	298 x 885 x 229
(Package dimensions)	mm	375x895x325	375 x 980 x 325	375 x 980 x 325
Weight (Gross)	kg	10(14)	11 (16)	11 (16)
Airflow rate *1 X(Y)	m ³ /min.	13.4(11.9)	15.4 (13.7)	16.3 (14.8)
	Feet ³ /min (CFM)	473(420)	544(484)	576(523)
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	550x765x285	595x845x300	595x845x300
(Package dimensions)	mm	642x932x380	680x1035x410	680x1035x410
Weight (Gross)	kg	32(38)	36 (44)	39(47)
Operation sound (H)	Cooling	dBA	51	54
Breaker size		A	15	20
Piping length	Charge-less	m	10	10
	Max. length	m	20	30
	Max. height	m	15	20
Piping connection	Gas/Liquid	mm	φ9.5/φ6.4	φ12.7/φ6.4
Operation limit	Cooling	°CDB	19.4~52	19.4~52

Note: Air Conditioner cloud connectivity subscription for one year comes along with the product. Post one year, subscription needs to be renewed by the customer.

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.



JTKJ Series

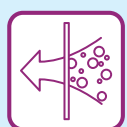
Stabilizer Inside

Salubrious Air-conditioning



Available in

Cooling (kW) 3.6, 5.0, 6.0 IDU Colour: White



Patented streamer discharge



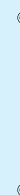
Indoor unit quiet operation



Intelligent eye



Power chill operation



Room Temperature Display at Indoor Unit

Specifications

Model name		Indoor unit	JTKJ35TV16U	JTKJ50TV16U	JTKJ60TV16U	
Power supply		Outdoor unit	RKJ35TV16U	RKJ50TV16U	RKJ60TV16U	
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)	
Cooling capacity Rated Full/Half (min.~max.)		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)	
Annual Power consumption		kWh	483	744	957	
ISEER / Star Rating		Wh/Wh	5.80 / 5*	5.20 / 5*	4.85 / 5*	
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 HxWxD		mm	298 x 885 x 229	298 x 885 x 229	298 x 885 x 229	
(Package dimensions)		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 *1 X(Y)						
		m ³ /min.	13 (11.9)	14.5(13.7)	16.3(14.8)	
		Feet ³ /min (CFM)	459 (420)	512(484)	576(523)	
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	550 x 765 x 285	595 x 845 x 300	595 x 845 x 300	
(Package dimensions)		mm	642 x 932 x 380	680 x 1035 x 410	680 x 1035 x 410	
Weight (Gross)		kg	32(38)	39(47)	39(47)	
Operation sound (H)		Cooling	dBA	48/44	47/44	49/46
Breaker size			A	15	20	20
Piping length			m	10	10	10
		Charge-less				
		Max. length	m	20	30	30
		Max. height	m	15	20	20
Piping connection		Gas/Liquid	mm	φ9.5/ φ6.4	φ12.7 / φ6.4	φ12.7 / φ6.4
Operation limit		Cooling	°CDB	10~52	10~52	10~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.



FTKF Series

Stabilizer Inside

Super Efficient Air-conditioning



Available in

Cooling (kW)

3.6, 5.2, 6.0

IDU Colour: White



Econo mode



Indoor unit quiet operation



Coanda airflow



Power chill operation



3D airflow

Specifications

		FTKF35TV16U	FTKF50TV16U	FTKF60TV16U
Model name	Indoor unit	FTKF35TV16U	FTKF50TV16U	FTKF60TV16U
	Outdoor unit	RKF35TV16U	RKF50TV16U	RKF60TV16U
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)	5.28/2.64 (1.0~6.0)	6.0/3.0 (1.0~7.0)
Cooling capacity Rated Full/Half (min.~max.)	Btu/h	12350/6175 (4000~13600)	18016/9008 (3412~20472)	20500/10240 (3400~23900)
Power consumption Rated Full/Half (min.~max.)	W	822/281 (220-1300)	1290/450 (200-1700)	1665/545 (210-2250)
Annual Power consumption	kWh	483	767	957
ISEER / Star Rating	Wh/Wh	5.80 / 5*	5.33 / 5*	4.85 / 5*
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 HxWxD	mm	298 x 885 x 229	298 x 885 x 229	298 x 885 x 229
(Package dimensions)	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 *1 X(Y)	m ³ /min.	13 (11.9)	16.6(13.7)	16.3(14.8)
	Feet ³ /min (CFM)	459 (420)	586(484)	576(523)
Operation sound H/M/ML/L/SL	Cooling dBA	40/38/35/33/31	47/45/43/37/32	47/43/39/34/30
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)	mm	642 x 932 x 380	680 x 1035 x 410	680 x 1035 x 410
Weight (Gross)	kg	32(38)	39(47)	39(47)
Operation sound (H)	Cooling dBA	51	54/51	56
Breaker size	A	15	20	20
Piping length	Charge-less m	10	10	10
	Max. length m	20	30	30
	Max. height m	15	20	20
Piping connection	Gas/Liquid mm	φ9.5/ φ 6.4	φ12.7 / φ 6.4	φ12.7 / φ 6.4
Operation limit	Cooling °CDB	19.4~52	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.



FTKG Series

Stabilizer Inside

Efficient Air-conditioning



Available in		
Cooling (kW)	3.5, 5.0, 6.0	IDU Colour: White



Econo mode



Indoor unit quiet operation



Coanda airflow



Power chill operation



Self diagnosis

Specifications

Model name		Indoor unit	FTKG35TV16W	FTKG50TV16U	FTKG60TV16U
Power supply		Outdoor unit	RKG35TV16W	RKG50TV16U	RKG60TV16U
Power supply		Power supply intake	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
Cooling capacity Rated Full/Half (min.~max.)		kW	3.5/1.75(1.75~4.0)	5.0/2.5 (2.5~5.7)	6.0/3.0 (2.5~6.7)
Cooling capacity Rated Full/Half (min.~max.)		Btu/h	11900/5970 (6000~13600)	17100/8500 (8500~19400)	20500/10240 (8500~22900)
Power consumption Rated Full/Half (min.~max.)		W	999/330 (330-999)	1415/475 (475-1750)	1665/580 (580-1665)
Annual Power consumption		kWh	577	824	989
ISEER / Star Rating		Wh/Wh	4.70/5*	4.70/ 5*	4.70 / 5*
Voltage Range		V	160-265	160-265	160-265
Operating current		Cooling A	4.67	6.37	7.4
Indoor unit					
Panel colour			White	White	White
Dimensions HxWxD		mm	298 x 800 x 229	298 x 885 x 229	298 x 885 x 229
(Package dimensions)		mm	375 x 895X325	375 x 980 x 325	375 x 980 x 325
Weight (Gross)		kg	10(14)	11 (16)	11 (16)
Airflow rate *1 X(Y)		m ³ /min.	13.4 (11.9)	15.4(13.7)	16.3(14.8)
		Feet ³ /min (CFM)	473 (420)	544(484)	576(523)
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)		mm	642 x 932 x 380	680 x 1035 x 410	680 x 1035 x 410
Weight (Gross)		kg	32(38)	36 (44)	39(47)
Operation sound (H)		Cooling dBA	51	54	56
Breaker size		A	15	20	20
Piping length		Charge-less m	10	10	10
		Max. length m	20	30	30
		Max. height m	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

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

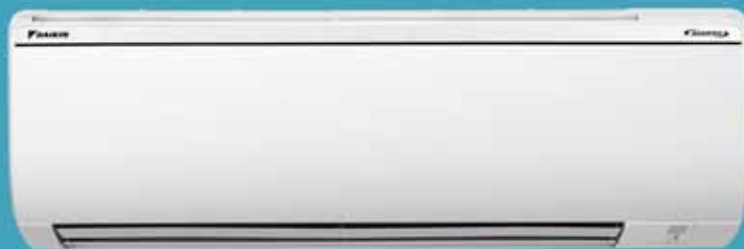
For the complete feature list please refer pages 49 - 52.



FTKM Series

Stabilizer Inside

Efficient Air-conditioning



Available in

Cooling (kW)

3.5, 5.0, 6.0

IDU Colour: White



Econo mode



Indoor unit quiet operation



Coanda airflow



Power chill operation



Self diagnosis

Specifications

Model name		Indoor unit	FTKM35TV16WC	FTKM50TV16VC FTKM50TV16VF	FTKM60TV16UC	
		Outdoor unit	RKM35TV16WC	RKM50TV16VC RKM50TV16VF	RKM60TV16UC	
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	3.52/1.76(1.75~4.0)	5.0/2.5 (1.75~5.4)	6.0/3.0 (2.5~6.7)	
Cooling capacity Rated Full/Half (min.~max.)		Btu/h	12000/6000 (6000~13600)	17100/8550 (6000~18500)	20500/10240 (8500~22900)	
Power consumption Rated Full/Half (min.~max.)		W	1010/330 (330~1010)	1415/475 (375~1650)	1665/580 (350~2100)	
Annual Power consumption		kWh	579.81	824.08	988	
ISEER / ISEER RANK		Wh/Wh	4.70/5*	4.70 / 5*	4.70 / 5*	
Voltage Range		V	160-265	160-265	160-265	
Operating current		Cooling	A	4.67	6.27	
				6.27	7.4	
Indoor unit						
Panel color			White	White	White	
Dimensions HxWxD (Package dimensions)		mm	298 x 800 x 229	298 x 885 x 229	298 x 885 x 229	
Weight (Gross)		kg	375X895X325	375 x 980 x 325	375 x 980 x 325	
Airflow rate *1 X(Y)		m ³ /min.	10(14)	11 (16)	11 (16)	
		Feet ³ /min (CFM)	13.4(11.9)	16.2(14.3)	16.6(15.4)	
Operation sound H/M/ML/L/SL		Cooling	dBA	473(420)	544(505)	576(544)
			40/36/32/29/26	45/42/40/38/35	47/45/43/40/38	
Outdoor unit						
Dimensions HxWxD (Package dimensions)		mm	550x765x285	595x845x300	595x845x300	
Weight (Gross)		kg	642x932x380	680x1035x410	680x1035x410	
Operation sound (H)		Cooling	dBA	51	54	56
Refrigerant (Amount)			R32(0.56kg)	R32(0.85 kg)	R32 (1.00kg)	
Breaker size		A	15	20	20	
Piping length		Charge-less	m	10	10	
		Max. length	m	20	30	
		Max. height	m	15	20	
Piping connection		Gas/Liquid	mm	φ9.5/ φ6.4	φ12.7 / φ6.4	φ12.7 / φ6.4
Operation limit		Cooling	°CDB	19.4~52	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

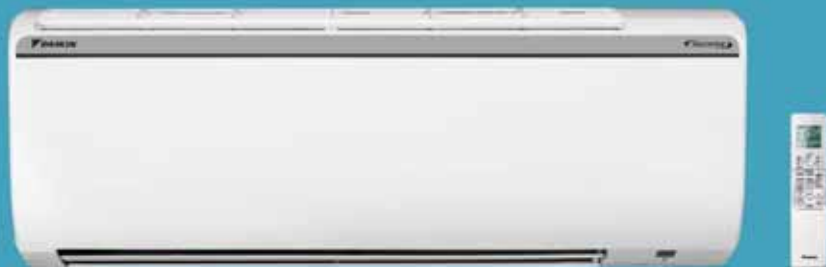
For the complete feature list please refer pages 49 - 52.



FTKP Series

Stabilizer Inside

Air-conditioning Redefined



Available in

Cooling (kW)

3.5, 5.0, 6.0

IDU Colour: White



3D airflow



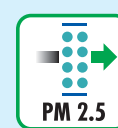
Indoor unit quiet operation



Coanda airflow



Power chill operation



PM2.5 filter

Specifications

Model name		Indoor unit	FTKP35TV16W	FTKP50TV16U	FTKP60TV16U
Power supply		Outdoor unit	RKP35TV16W	RKP50TV16U	RKP60TV16U
			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)
Cooling capacity Rated Full/Half (min.~max.)	Btu/h		11900/5970 (6000-11900)	17060/8530 (8530~17100)	20500/10240 (8500~20500)
Power consumption Rated Full/Half (min.~max.)	W		1110/376 (376-1110)	1680/510 (510-1680)	1890/650 (592-1890)
Annual Power consumption	kWh		650	928	1115
ISEER / Star Rating	Wh/Wh		4.17 / 4*	4.17 / 4*	4.17 / 4*
Voltage Range	V		160-265	160-265	160-265
Operating current	Cooling	A	4.87	7.4	8.32
Indoor unit					
Panel colour			White	White	White
Dimensions HxWxD	mm		298 x 800 x 229	298 x 885 x 229	298 x 885 x 229
(Package dimensions)	mm		375 x 895 x 325	375 x 980 x 325	375 x 980 x 325
Weight (Gross)	kg		10(14)	11 (16)	11 (16)
Airflow rate *1 X(Y)	m ³ /min.		13.4(11.9)	16.2(14.3)	16.6(15.4)
	Feet ³ /min (CFM)		473(420)	572(505)	576(544)
Operation sound H/M/ML/L/SL	Cooling	dB(A)	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)	mm		642 x 932 x 380	680 x 1035 x 410	680 x 1035 x 410
Weight (Gross)	kg		26(33)	34 (42)	35(43)
Operation sound (H)	Cooling	dB(A)	51	54	56
Breaker size		A	15	20	20
Piping length	Charge-less	m	10	10	10
	Max. length	m	20	20	30
	Max. height	m	15	10	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

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

INVERTER  R-32

FTHT 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 airflow



Indoor unit quiet operation



PM2.5 filter

Specifications

Model name		Indoor unit	FTHT35TV16X	FTHT50TV16U	FTHT60TV16U
Power supply		Outdoor unit	RHT35TV16X 1Φ 50Hz 230V (220-240V)	RHT50TV16U 1Φ 50Hz 230V (220-240V)	RHT60TV16U 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)
Heating capacity Rated Full/Half (min.~max.)		Btu/h	11900/6000 (6000~11900)	17100/8500 (8500~17100)	20500/10240 (8500~20500)
Power consumption 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)
Annual Power consumption		Btu/h	11900/6000 (6000~11900)	17100/8500 (8500~17100)	18800/9400 (8500~18800)
ISEER / Star Rating		W	1110/468(468-1110)	1850/588 (588-1850)	1970/780 (588~1970)
Voltage Range		Wh/Wh	1110/468(468-1110)	1850/588 (588-1850)	1700/700 (588~1700)
Operating current		W	731.90	1046.64	1254.6
Cooling		Wh/Wh	3.70 / 3*	3.70 / 3*	3.70 / 3*
Cooling		V	160-265	160-265	160-265
Heating		V	160-265	160-265	160-265
Cooling		A	4.87	8.15	8.67
Heating		A	4.87	8.15	7.48
Indoor unit					
Panel colour			White	White	White
Dimensions HxWxD		mm	283 x 800 x 198	298 x 885 x 229	298 x 885 x 229
(Package dimensions)			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 (Cooling/Heating) *1 X(Y)		Cooling	9.6 (8.5)	16.2 (14.3)	16.3 (14.8)
Heating		m ³ /min.	9.6(8.5)	16.2(14.3)	16.3(14.8)
Cooling/Heating		Feet ³ /min (CFM)	339(300)	572 (505)	576 (523)
Operation sound H/M/L/SL		Cooling	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Cooling		dBA	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Heating		dBA	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Outdoor unit					
Dimensions HxWxD		mm	550 x 765 x 285	595 x 845 x 300	595 x 845 x 300
(Package dimensions)			642 x 932 x 380	680 x 1035 x 410	680 x 1035 x 410
Weight (Gross)		kg	27(34)	35(43)	36(44)
Operation sound (H)		Cooling	51	54	56
Cooling		dBA	51	54	56
Heating		dBA	51	54	56
Breaker size		A	15	20	20
Piping length		Charge-less	m	10	10
Max. length		m	20	30	30
Max. height		m	15	20	20
Piping connection		Gas/Liquid	mm	Φ9.5/ Φ6.4	Φ12.7 / Φ6.4
Operation limit		Cooling	°CDB	19.4~52	19.4~52
Heating		°CDB	4~24	4~24	4~24

Measurement conditions:

- Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB, piping length 5 m.
- Heating capacity is based on : Indoor temperature 20°CDB / 15°CWB ; Outdoor temperature 7°CDB / 6°CWB
- 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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

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 pages 49 - 52.



FTKT Series

Stabilizer Inside

High Ambient Air-conditioning



Available in

Cooling (kW) **3.52, 5.28, 6.20** IDU Colour: White



High Ambient Operation: 54°C



Econo mode



Coanda airflow



Power chill operation



PM2.5 filter

Specifications

Model name		Indoor unit	FTKT35TV16WC	FTKT50TV16VC	FTKT60TV16UC
Power supply		Outdoor unit	RKL35TV16WC	RKT50TV16VC	RKT60TV16UC
			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	3.52 / 1.76 (1.07 ~3.7)	5.28/2.64 (1.75~5.7)	6.2/3.1 (1.75~6.5)	
Cooling capacity Rated Full/Half (min.~max.)	Btu/h	12000 / 6000 (3650~12600)	18000/9000 (6000~19500)	21200/10600 (6000~22200)	
Power consumption Rated Full/Half (min.~max.)	W	1200 / 385 (210 - 1200)	1790/582(370-1950)	1970/722 (350-2100)	
Annual Power consumption	kWh	682.27	1024.93	1202.77	
ISEER / ISEER RANK	Wh/Wh	3.99 / 3*	3.99/3*	3.99/3*	
Voltage Range	V	160-265	160-265	160-265	
Operating current	Cooling	A	5.43	7.86	8.67
Indoor unit					
Panel color		White	White	White	
Dimensions HxWxD	mm	298x800x229	298 x 885 x 229	298 x 885 x 229	
(Package dimensions)		375x895x325	375 x 980 x 325	375 x 980 x 325	
Weight (Gross)	kg	10(14)	11 (16)	11 (16)	
Airflow rate *1 X(Y)	m ³ /min.	13.4(11.9)	16.2 (14.3)	16.6 (15.4)	
	Feet ³ /min (CFM)	473(420)	572(505)	586(544)	
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 HxWxD	mm	550x675x284	595x845x300	595x845x300	
(Package dimensions)		620x825x400	680x1035x410	680x1035x410	
Weight (Gross)	kg	22 (28)	29 (36)	33 (40)	
Operation sound (H)	Cooling	dBA	51	54	56
Refrigerant (Amount)		R32 (0.53 kg)	R32 (.68kg)	R32 (1.00 kg)	
Breaker size	A	15	20	20	
Piping length	Charge-less	m	10	10	10
	Max. length	m	20	20	30
	Max. height	m	15	10	20
Piping connection	Gas/Liquid	mm	φ9.5/φ6.4	φ12.7 /φ6.4	φ12.7 /φ6.4
Operation limit	Cooling	°CDB	19.4~54	19.4~54	19.4~54

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 two decimal. 1TR (Ton of Refrigeration) = ~3.517 kilowatt.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.



FTKL Series

Stabilizer Inside

New age of Air-conditioning



Available in

Cooling (kW)

3.5, 5.0, 6.0, 7.1

IDU Colour: White



Indoor unit quiet operation



Econo mode



Coanda airflow



Power chill operation



Titanium apatite deodorising air purifying filter

Specifications

Model name		Indoor unit	FTKL35TV16WC	FTKL50TV16VC/F	FTKL60TV16UC	FTKL71TV16T
Power supply		Outdoor unit	RKL35TV16WCCV	RKL50TV16VC/F	RKL60TV16UC	RKL71TV16T
			1φ 50Hz 230V (220-240V)	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	Outdoor unit
Cooling capacity Rated Full/Half (min.~max.)	kW	3.52 / 1.76 (1.07 ~3.7)	5.0/2.5 (1.75~5.2)	6.0/3.0 (2.0~6.0)	7.1/3.55 (2.1~7.5)	
Cooling capacity Rated Full/Half (min.~max.)	Btu/h	12000 / 6000 (3650~12600)	17100/8550 (6000~17700)	20500/10250 (6800~20500)	24200/12113 (7200~25600)	
Power consumption Rated Full/Half (min.~max.)	W	1200 / 385 (210 - 1200)	1670/557 (375~1750)	1950/685(495-1950)	2410/780 (600-3100)	
Annual Power consumption	kWh	682.27	969.25	1163.61	1376.59	
ISEER / ISEER RANK	Wh/Wh	3.99/3*	3.99/3*	3.99/3*	3.99 / 3*	
Voltage Range	V	160-265	160-265	160-265	160-265	
Operating current	Cooling	A	5.43	7.41	8.65	10.6
Indoor unit						
Panel color		White	White	White	White	
Dimensions HxWxD	mm	298x800x229	298 x 885 x 229	298 x 885 x 229	310x1100x239	
(Package dimensions)		375x895x325	375 x 980 x 325	375 x 980 x 325	330x1230x385	
Weight (Gross)	kg	10 (14)	11 (16)	11 (16)	13 (18)	
Airflow rate *1 X(Y)	m ³ /min.	13.4 (11.9)	16.2 (14.3)	16.6 (15.4)	20.4(17.0)	
	Feet ³ /min (CFM)	473(420)	572(505)	586(544)	720(600)	
Operation sound H/M/ML/L/SL	Cooling	dB(A)	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38	49/47/45/42/39
Outdoor unit						
Dimensions HxWxD	mm	550x675x284	595x845x300	595x845x300	595x845x300	
(Package dimensions)		620x825x400	680x1035x410	680x1035x410	680x1035x410	
Weight (Gross)	kg	22 (28) / 22 (26)	28 (35)/ 28 (33)-29 (36)/29 (34)	32 (39)/ 32 (37)	39(47)	
Operation sound (H)	Cooling	dB(A)	51	54	56	58
Breaker size		A	15	20	20	20
Piping length	Charge-less	m	10	10	10	10
	Max. length	m	20	20	30	20
	Max. height	m	15	10	20	10
Piping connection	Gas/Liquid	mm	φ9.5/φ6.4	φ12.7/φ6.4	φ12.7/φ6.4	φ15.9/ 6.4
Operation limit	Cooling	°CDB	19.4~52	19.4~52	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

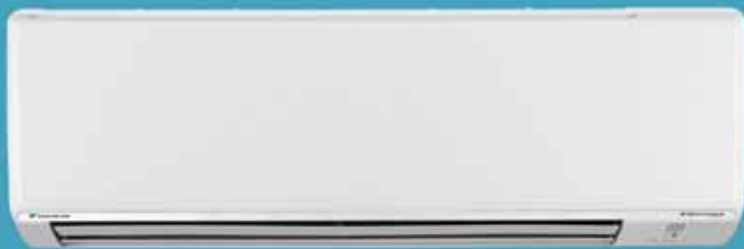
For the complete feature list please refer pages 49 - 52.



DTKL Series

Stabilizer Inside

New age of Air-conditioning



Available in

Cooling (kW)

3.5, 5.0, 6.0

IDU Colour: White



**Good sleep
off timer**



**Power chill
operation**



**Econo
mode**



**Indoor unit
quiet operation**



Self diagnosis

Specifications

Model name		Indoor unit	DTKL35TV16WC	DTKL50TV16VC/F	DTKL60TV16UC
Power supply		Outdoor unit	RKL35TV16WC	RKL50TV16VC/F	RKL60TV16UC
			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		3.52 / 1.76 (1.07 ~3.7)	5.0/2.5 (1.75~5.2)	6.0/3.0 (2.0~6.0)
Cooling capacity Rated Full/Half (min.~max.)	Btu/h		12000 / 6000 (3650~12600)	17100/8550 (6000~17700)	20500/10250(6800~20500)
Power consumption Rated Full/Half (min.~max.)	W		1200 / 385 (210 - 1200)	1670/557 (375~1750)	1950/685(495-1950)
Annual Power consumption	kWh		682.27	969.25	1163.61
ISEER / ISEER RANK	Wh/Wh		3.99/3*	3.99/3*	3.99/3*
Voltage Range	V		160-265	160-265	160-265
Operating current	Cooling	A	5.43	7.41	8.65
Indoor unit					
Panel color			White	White	White
Dimensions HxWxD	mm		298x800x229	298 x 885 x 229	298 x 885 x 229
(Package dimensions)			375x895x325	375 x 980 x 325	375 x 980 x 325
Weight (Gross)	kg		10 (14)	11 (16)	11 (16)
Airflow rate *1 X(Y)	m ³ /min.		13.4 (11.9)	16.2 (14.3)	16.6 (15.4)
	Feet ³ /min (CFM)		473(420)	572(505)	586(544)
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 HxWxD	mm		550x675x284	595x845x300	595x845x300
(Package dimensions)			620x825x400	680x1035x410	680x1035x410
Weight (Gross)	kg		22 (28) / 22 (26)	28 (35) / 28 (33)-29 (36)/29 (34)	32 (39) / 32 (37)
Operation sound (H)	Cooling	dBA	51	54	56
Breaker size		A	15	20	20
Piping length	Charge-less	m	10	10	10
	Max. length	m	20	20	30
	Max. height	m	15	10	20
Piping connection	Gas/Liquid	mm	φ9.5/φ6.4	φ12.7/φ6.4	φ12.7/φ6.4
Operation limit	Cooling	°CDB	19.4~52	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.



ATKL 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



Ag ion filter

Specifications

Model name		Indoor unit	ATKL35TV16WC	ATKL50TV16VC/F	ATKL60TV16UC
Power supply		Outdoor unit	RKL35TV16WC	RKL50TV16VC/F	RKL60TV16UC
Power supply intake			1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
Cooling capacity Rated Full/Half (min.~max.)	kW	Outdoor unit	3.52 / 1.76 (1.07~3.7)	5.0/2.5 (1.75~5.2)	6.0/3.0 (2.0~6.0)
Cooling capacity Rated Full/Half (min.~max.)	Btu/h	Outdoor unit	12000 / 6000 (3650~12600)	17100/8550 (6000~17700)	20500/10250(6800~20500)
Power consumption Rated Full/Half (min.~max.)	W	Outdoor unit	1200 / 385 (210 - 1200)	1670/557 (375~1750)	1950/685(495-1950)
Annual Power consumption	kWh		682.27	969.25	1163.61
ISEER / ISEER RANK	Wh/Wh		3.99/3*	3.99/3*	3.99/3*
Voltage Range	V		160-265	160-265	160-265
Operating current	Cooling	A	5.43	7.41	8.65
Indoor unit					
Panel color			White	White	White
Dimensions HxWxD	mm		298x800x229	298 x 885 x 229	298 x 885 x 229
(Package dimensions)			375X895X325	375 x 980 x 325	375 x 980 x 325
Weight (Gross)	kg		10 (14)	11 (16)	11 (16)
Airflow rate *1 X(Y)	m ³ /min.		13.4 (11.9)	16.2 (14.3)	16.6 (15.4)
	Feet ³ /min (CFM)		473(420)	572(505)	586(544)
Operation sound H/M/ML/L/SL	Cooling	dB(A)	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Outdoor unit					
Dimensions HxWxD	mm		550x675x284	595x845x300	595x845x300
(Package dimensions)			620x825x400	680x1035x410	680x1035x410
Weight (Gross)	kg		22 (28) / 22 (26)	28 (35)/ 28 (33)-29 (36)/29 (34)	32 (39)/ 32 (37)
Operation sound (H)	Cooling	dB(A)	51	54	56
Breaker size		A	15	20	20
Piping length	Charge-less	m	10	10	10
	Max. length	m	20	20	30
	Max. height	m	15	10	20
Piping connection	Gas/Liquid	mm	φ9.5/φ6.4	φ12.7/φ6.4	φ12.7/φ6.4
Operation limit	Cooling	°CDB	19.4~52	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.



CTKL Series

Stabilizer Inside

New age of Air-conditioning



Available in

Cooling (kW) 3.5, 5.0 IDU Colour: White



Good sleep off timer



Power chill operation



Econo mode



Indoor unit quiet operation



Ag ion filter

Specifications

Model name		Indoor unit	CTKL35TV16WC	CTKL50TV16VC/F	
Power supply		Outdoor unit	RKL35TV16WC	RKL50TV16VC/F	
Power supply intake			1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	
Cooling capacity Rated Full/Half (min.~max.)		kW	3.52 / 1.76 (1.07 ~3.7)	5.0/2.5 (1.75~5.2)	
Cooling capacity Rated Full/Half (min.~max.)		Btu/h	12000 / 6000 (3650~12600)	17100/8550 (6000~17700)	
Power consumption Rated Full/Half (min.~max.)		W	1200 / 385 (210 - 1200)	1670/557 (375~1750)	
Annual Power consumption		kWh	682.27	969.25	
ISEER / ISEER RANK		Wh/Wh	3.99/3*	3.99/3*	
Voltage Range		V	160-265	160-265	
Operating current		Cooling	A	5.43	7.41
Indoor unit					
Panel color			White	White	
Dimensions HxWxD		mm	298x800x229	298 x 885 x 229	
(Package dimensions)			375x895x325	375 x 980 x 325	
Weight (Gross)		kg	10 (14)	11 (16)	
Airflow rate *1 X(Y)		m ³ /min.	13.4 (11.9)	16.2 (14.3)	
		Feet ³ /min (CFM)	473(420)	572(505)	
Operation sound H/M/ML/L/SL		Cooling	dBA	40/36/32/29/26	45/42/40/38/35
Outdoor unit					
Dimensions HxWxD		mm	550x675x284	595x845x300	
(Package dimensions)			620x825x400	680x1035x410	
Weight (Gross)		kg	22 (28) / 22 (26)	28 (35)/ 28 (33)-29 (36)/29 (34)	
Operation sound (H)		Cooling	dBA	51	54
Breaker size		A	15	20	
Piping length		Charge-less	m	10	10
		Max. length	m	20	20
		Max. height	m	15	10
Piping connection		Gas/Liquid	mm	φ9.5/φ6.4	φ12.7/φ6.4
Operation limit		Cooling	°CDB	19.4~52	19.4~52

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.

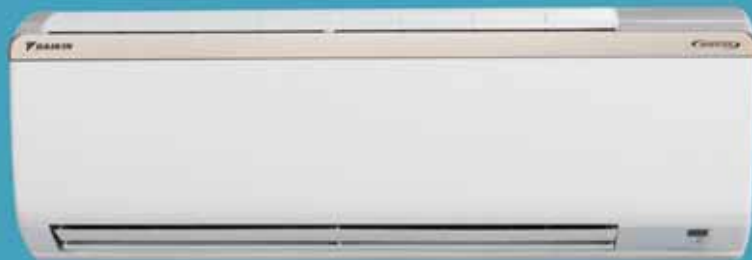
* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

*Available in 5.0 kW models

INVERTER  R-32



ETKL Series

Stabilizer Inside

New age of Air-conditioning

Available in

Cooling (kW)

3.5, 5.0

IDU Colour: White



Good sleep off timer



Power chill operation



Econo mode



Indoor unit quiet operation



Titanium apatite deodorising air purifying filter

Specifications

Model name	Indoor unit	ETKL35TV16WC	ETKL50TV16VC/F
	Outdoor unit	RKL35TV16WC	RKL50TV16VC/F
Power supply		1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
	Power supply intake	Outdoor unit	Outdoor unit
Cooling capacity Rated Full/Half (min.~max.)	kW	3.52 / 1.76 (1.07 ~3.7)	5.0/2.5 (1.75~5.2)
Cooling capacity Rated Full/Half (min.~max.)	Btu/h	12000 / 6000 (3650~12600)	17100/8550 (6000~17700)
Power consumption Rated Full/Half (min.~max.)	W	1200 / 385 (210 - 1200)	1670/557 (375~1750)
Annual Power consumption	kWh	682.27	969.25
ISEER / ISEER RANK	Wh/Wh	3.99/3*	3.99/3*
Voltage Range	V	160-265	160-265
Operating current	Cooling	A	5.43
			7.41
Indoor unit			
Panel color		White	White
Dimensions HxWxD	mm	298x800x229	298 x 885 x 229
(Package dimensions)		375x895x325	375 x 980 x 325
Weight (Gross)	kg	10 (14)	11 (16)
Airflow rate *1 X(Y)	m ³ /min.	13.4 (11.9)	16.2 (14.3)
	Feet ³ /min (CFM)	473(420)	572(505)
Operation sound H/M/ML/L/SL	Cooling	dBA	40/36/32/29/26
			45/42/40/38/35
Outdoor unit			
Dimensions HxWxD	mm	550x675x284	595x845x300
(Package dimensions)		620x825x400	680x1035x410
Weight (Gross)	kg	22 (28) / 22 (26)	28 (35) / 28 (33)-29 (36)/29 (34)
Operation sound (H)	Cooling	dBA	51
Breaker size		A	15
			20
Piping length	Charge-less	m	10
	Max. length	m	20
	Max. height	m	15
			10
Piping connection	Gas/Liquid	mm	φ9.5/φ6.4
			φ12.7/φ6.4
Operation limit	Cooling	°CDB	19.4~52
			19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

*Available in 5.0 kW models



GTKL Series

Stabilizer Inside

New age of Air-conditioning



Available in

Cooling (kW) **3.5, 5.0, 6.0, 7.1** IDU Colour: White



Coanda airflow



Power chill operation



Econo mode



Indoor unit quiet operation



Self diagnosis

Specifications

Model name		Indoor unit	GTKL35TV16WC	GTKL50TV16VC/F	GTKL60TV16UC	GTKL71TV16T
Power supply		Outdoor unit	RKL35TV16WC	RKL50TV16VC/F	RKL60TV16UC	RKL71TV16T
Power supply intake			1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
Cooling capacity Rated Full/Half (min.~max.)		kW	3.52 / 1.76 (1.07 ~3.7)	5.0/2.5 (1.75~5.2)	6.0/3.0 (2.0~6.0)	7.1/3.55 (2.1~7.5)
Cooling capacity Rated Full/Half (min.~max.)		Btu/h	12000 / 6000 (3650~12600)	17100/8550 (6000~17700)	20500/10250 (6800~20500)	24200/12113 (7200~25600)
Power consumption Rated Full/Half (min.~max.)		W	1200 / 385 (210 - 1200)	1670/557 (375~1750)	1950/685(495-1950)	2410/780 (600-3100)
Annual Power consumption		kWh	682.27	969.25	1163.61	1376.59
ISEER / ISEER RANK		Wh/Wh	3.99/3*	3.99/3*	3.99/3*	3.99 / 3*
Voltage Range		V	160-265	160-265	160-265	160-265
Operating current		Cooling A	5.43	7.41	8.65	10.6
Indoor unit						
Panel color			White	White	White	White
Dimensions HxWxD		mm	298x800x229	298 x 885 x 229	298 x 885 x 229	310x1100x239
(Package dimensions)			375x895x325	375 x 980 x 325	375 x 980 x 325	330x1230x385
Weight (Gross)		kg	10 (14)	11 (16)	11 (16)	13 (18)
Airflow rate *1 X(Y)		m ³ /min.	13.4 (11.9)	16.2 (14.3)	16.6 (15.4)	20.4(17.0)
		Feet ³ /min (CFM)	473(420)	572(505)	586(544)	720(600)
Operation sound H/M/ML/L/SL		Cooling dBA	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38	49/47/45/42/39
Outdoor unit						
Dimensions HxWxD		mm	550x675x284	595x845x300	595x845x300	595x845x300
(Package dimensions)			620x825x400	680x1035x410	680x1035x410	680x1035x410
Weight (Gross)		kg	22 (28) / 22 (26)	28 (35)/ 28 (33)-29 (36)/29 (34)	32 (39)/ 32 (37)	39(47)
Operation sound (H)		Cooling dBA	51	54	56	58
Breaker size		A	15	20	20	20
Piping length		Charge-less m	10	10	10	10
		Max. length m	20	20	30	20
		Max. height m	15	10	20	10
Piping connection		Gas/Liquid mm	φ9.5/φ6.4	φ12.7/φ6.4	φ12.7/φ6.4	φ15.9/ 6.4
Operation limit		Cooling °CDB	19.4~52	19.4~52	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

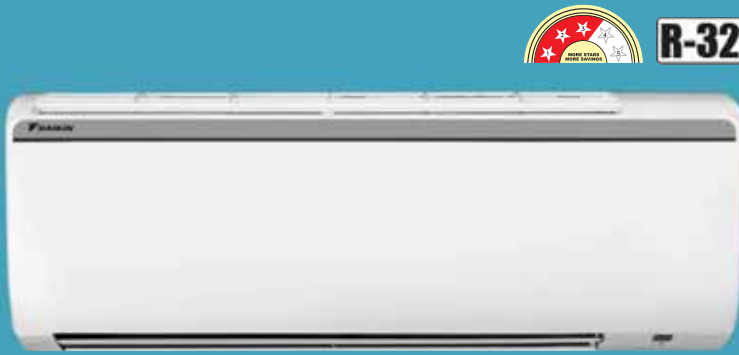
Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

FTL Series

Stabilizer free

Experience
Elegance in
Air-conditioning



Available in

Cooling (kW)

2.8, 3.35, 5.2

IDU Colour: White



Econo mode



Coanda
airflow



Power chill
operation



Good sleep
off timer



PM2.5 filter

Specifications

Model name	Indoor unit	FTL28TV16X2	FTL35TV16X2/W1	FTL50TV16U1/U2/V2/U3/V3
	Outdoor unit	RL28TV16X2	RL35TV16X2/W1	RL50TV16U1/U2/V2/U3/V3
Power supply		1 φ 50Hz 230V (220-240V)	1 φ 50Hz 230V (220-240V)	1 φ 50Hz 230V (220-240V)
	Power supply intake	Outdoor unit	Outdoor unit	Outdoor unit
Cooling capacity	kW	2.8	3.35	5.2
Rated	Btu/h	9555	11450	17750
Power consumption	W	767	918	1425
Annual power consumption	kwh	594	711	1103
ISEER	W/W	3.65	3.65	3.65
Star Rating		3*	3*	3*
Operating current	Cooling	A	3.4	4.1
Indoor unit				
Panel colour		White	White	White
Dimensions HxWxD	mm	283 x 800 x 198	298 x 800 x 229	298 x 885 x 229
(Package dimensions)	mm	265 x 855 x 340	375X895X325	375 x 980 x 325
Weight (Gross)	kg	8 (12)	10(14)	11 (16)
Airflow rate (Cooling/Heating) *1 X(Y)	m ³ /min.	9.7(8.6)	13.4(11.9)	16.2(14.3)
	Feet ³ /min (CFM)	343(304)	473(420)	572(505)
Operation sound H/M/ML/L/SL	Cooling	dBa	39/35/29	40/35/29
Outdoor unit				
Dimensions (H x W x D)	mm	550 x 765 x 285	550 x 765 x 285	595 x 845 x 300
(Package dimensions)	mm	642 x 932 x 380	642 x 932 x 380	680 x 1035 x 410
Weight (Gross)	kg	28 (36)	31 (39)	42(51)
Operation sound (H)	Cooling	dBa	51	51
Breaker size		A	15	15
Piping length	Charge-less	m	10	10
	Max. length	m	20	20
	Max. height	m	15	10
Piping connection	Gas/Liquid	mm	φ9.5/ φ6.4	φ9.5/ φ6.4
Operation limit	Cooling	°CDB	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

DTL Series

Stabilizer free

Experience
Elegance in
Air-conditioning



Available in

Cooling (kW)

3.35, 5.2

IDU Colour: White



Econo mode



Anti-microbial filter



Power chill operation



Good sleep off timer



Self diagnosis

Specifications

		DTL35TV16W1/X2	DTL50TV16U2/V2/U3/V3
Model name	Indoor unit	DTL35TV16W1/X2	DTL50TV16U2/V2/U3/V3
	Outdoor unit	RL35TV16W1/X2	RL50TV16U2/V2/U3/V3
Power supply		1 ϕ 50Hz 230V (220-240V)	1 ϕ 50Hz 230V (220-240V)
	Power supply intake	Outdoor unit	Outdoor unit
Cooling capacity	kW	3.35	5.2
Rated	Btu/h	11450	17750
Power consumption	W	918	1425
Annual power consumption	kwh	711	1103
ISEER	W/W	3.65	3.65
Star Rating		3*	3*
Operating current	Cooling	A	4.1
			6.5
Indoor unit			
Panel colour		White	White
Dimensions (H x W x D)	mm	298 x 800 x 229	298 x 885 x 229
(Package dimensions)	mm	375x895x325	375 x 980 x 325
Weight (Gross)	Kg	10(14)	11 (16)
Airflow rate (Cooling/Heating) *1 X(Y)	m ³ /min (CFM)	13.4(11.9)	16.2(14.3)
	Feet ³ /min (CFM)	343(304)	572(505)
Operation Sound H/M/L/SL	Cooling	dBA	40/35/29
			45/41/35
Outdoor unit			
Dimensions (H x W x D)	mm	550 x 765 x 285	595 x 845 x 300
(Package dimensions)	mm	642 x 932 x 380	680 x 1035 x 410
Weight (Gross)	Kg	31 (39)	42(51)
Operation Sound (H)	Cooling	dBA	51
Breaker size		A	15
Piping length	Charge-less	m	10
	Max. length	m	20
	Max. height	m	15
			10
Piping connection	Gas/Liquid	mm	ϕ 9.5/ ϕ 6.4
Operation limit	Cooling	$^{\circ}$ CDB	19.4~52
			19.4~52

Measurement conditions:

1. Cooling capacity is based on: indoor temp. 27 $^{\circ}$ CDB, 19 $^{\circ}$ CWB; outdoor temp. 35 $^{\circ}$ 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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

ATL Series

Stabilizer free

Experience
Elegance in
Air-conditioning



Available in

Cooling (kW)

3.35, 5.2

IDU Colour: White



Econo mode



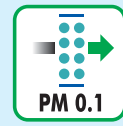
Coanda
airflow



Power chill
operation



Good sleep
off timer



PM 0.1 filter

Specifications

Model name		Indoor unit	ATL35TV16W1	ATL50TV16U1/U2/V2/U3/V3
Power supply		Outdoor unit	RL35TV16W1	RL50TV16U1/U2/V2/U3/V3
Power supply			1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
		Power supply intake	Outdoor unit	Outdoor unit
Cooling capacity	kW		3.35	5.2
Rated	Btu/h		11450	17750
Power consumption	W		918	1425
Annual power consumption	kwh		711	1103
ISEER	W/W		3.65	3.65
Star Rating			3*	3*
Operating current	Cooling	A	4.1	6.5
Indoor unit				
Panel colour			White	White
Dimensions (H x W x D)	mm		298 x 800 x 229	298 x 885 x 229
(Package dimensions)	mm		375X895X325	375 x 980 x 325
Weight (Gross)	Kg		10(14)	11 (16)
Airflow rate (Cooling/Heating) *1 X(Y)	m ³ /min		13.4(11.9)	16.2(14.3)
	Feet ³ /min (CFM)		343(304)	572(505)
Operation Sound H/M/L/SL	Cooling	dBA	40/35/29	45/41/35
Outdoor unit				
Dimensions (H x W x D)	mm		550 x 765 x 285	595 x 845 x 300
(Package dimensions)	mm		642 x 932 x 380	680 x 1035 x 410
Weight (Gross)	Kg		31 (39)	42(51)
Operation Sound (H)	Cooling	dBA	51	54
Breaker size		A	15	15
Piping length	Charge-less	m	10	10
	Max. length	m	20	20
	Max. height	m	15	10
Piping connection	Gas/Liquid	mm	φ9.5/ φ6.4	φ12.7/ φ6.4
Operation limit	Cooling	°CDB	19.4~52	19.4~52

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

GTL Series

Stabilizer free

Experience
Elegance in
Air-conditioning



Available in

Cooling (kW)

2.5, 3.35, 5.2

IDU Colour: White



Econo mode



Coanda airflow



Power chill operation



Good sleep off timer



Anti-microbial filter

Specifications

Model name		Indoor unit	GTL28TV16X2	GTL35TV16W1	GTL50TV16U2/U1/V2/U3/V3
Power supply		Outdoor unit	RL28TV16X2	RLG35TV16W1	RLG50TV16U2/U1/V2/U3/V3
Power supply intake		Outdoor unit	Outdoor unit	Outdoor unit	Outdoor unit
Cooling capacity	kW	2.8	3.35	5.2	
Rated	Btu/h	9555	11450	17750	
Power consumption	W	767	918	1425	
Annual power consumption	kwh	594	711	1103	
ISEER	W/W	3.65	3.65	3.65	
Star Rating		3*	3*	3*	
Operating current	Cooling	A	3.4	4.1	6.5
Indoor unit					
Panel colour		White	White	White	
Dimensions (H x W x D)	mm	283 x 800 x 198	298 x 800 x 229	298 x 885 x 229	
(Package dimensions)	mm	265 x 855 x 340	375 x 895 x 325	375 x 980 x 325	
Weight (Gross)	Kg	8 (12)	10(14)	11 (16)	
Airflow rate (Cooling/Heating) *1 X(Y)	m ³ /min	9.7(8.6)	13.4(11.9)	16.2(14.3)	
	Feet ³ /min (CFM)	343(304)	473(420)	572(505)	
Operation Sound H/M/L/SL	Cooling	dBA	39/35/29	40/35/29	45/41/35
Outdoor unit					
Dimensions (H x W x D)	mm	550 x 765 x 285	550 x 765 x 285	595 x 845 x 300	
(Package dimensions)	mm	642 x 932 x 380	642 x 932 x 380	680 x 1035 x 410	
Weight (Gross)	Kg	28 (36)	31 (37)	42(48)	
Operation Sound (H)	Cooling	dBA	51	51	54
Breaker size		A	15	15	15
Piping length	Charge-less	m	10	10	10
	Max. length	m	20	20	20
	Max. height	m	15	15	10
Piping connection	Gas/Liquid	mm	φ9.5/ φ6.4	φ9.5/ φ6.4	φ12.7/ φ6.4
Operation limit	Cooling	°CDB	19.4~50	19.4~50	19.4~50

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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

FTQ Series

Stabilizer free

Experience
Elegance in
Air-conditioning



Available in

Cooling (kW)

6.4, 8.26*

IDU Colour: White



**Coanda
airflow**



**Econo
mode**



**Power chill
operation**



Self diagnosis



**Good sleep
off timer**

Specifications

Model name		Indoor unit	FTQ60TV16U2	FTQ90ARV16
		Outdoor unit	RQ60TV16U2	RQ90ARV16
Power supply			1 ϕ 50Hz 230V (220-240V)	1 ϕ 50Hz 230V (220-240V)
		Power supply intake	Outdoor unit	Outdoor
Cooling capacity		kW	6.4	8.26
Rated		Btu/h	21800	28191
Power consumption		W	1855	2380
Annual power consumption		kwh	1436	1842
ISEER		W/W	3.45	3.47
Star Rating			2*	2*
Operating current	Cooling	A	8.5	10.9
Indoor unit				
Panel colour			White	White
Dimensions (H x W x D)		mm	298 x 885 x 229	310 X 1289 X 240
(Package dimensions)		mm	375 x 980 x 325	396 X 1382 X 316
Weight (Gross)		kg	11 (16)	16
Airflow rate (Cooling/Heating) *1 X(Y)		m ³ /min	16.6 (15.4)	26.9(24.6)
		Feet ³ /min (CFM)	586 (544)	950(869)
Operation sound H/M/L/SL	Cooling	dBA	47/41/35	52/51/46/42/39
Outdoor unit				
Dimensions (H x W x D)		mm	595 x 845 x 300	990x940x320
(Package dimensions)		mm	680 x 1035 x 410	1160x1050x420
Weight (Gross)		kg	44 (53)	83
Operation sound (H)	Cooling	dBA	56	58
Breaker size		A	20	32
Piping length	Charge-less	m	10	7.5
	Max. length	m	20	20 (30 mtr with external accumulator)
	Max. height	m	10	10
Piping connection	Gas/Liquid	mm	ϕ 12.7/ ϕ 6.4	15.9/9.5
Operation limit	Cooling	$^{\circ}$ CDB	19.4~50	19.4~50

Measurement conditions:

1. Cooling capacity is based on: indoor temp. 27 $^{\circ}$ CDB, 19 $^{\circ}$ CWB; outdoor temp. 35 $^{\circ}$ CDB, piping length 5 m/7.5m \wedge .

2. Sound levels are based on temperature conditions 1. above with 5 m/7.5m \wedge 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.

* X(Y) X-Air flow rate during fan operation.

Y-Air flow rate in wet (cooling) condition.

For the complete feature list please refer pages 49 - 52.

* FTQ90ARV16 Indoor and remote images are different. \wedge FTQ90.

GTQ Series

Stabilizer free

Extra comfort superior cooling



Available in

Cooling (kW)

6.4

IDU Colour: White



Coanda airflow



Econo mode



Power chill operation



Self diagnosis



Good sleep off timer

Specifications

Model name	Indoor unit		GTQ60TV16U2
	Outdoor unit		RQG60TV16U2
Power supply			1Φ 50Hz 230V (220-240V)
	Power supply intake		Outdoor unit
Cooling capacity		kW	6.4
Rated		Btu/h	21800
Power consumption		W	1855
Annual power consumption		kwh	1436
ISEER		W/W	3.45
Star Rating			2*
Operating current	Cooling	A	8.5
Indoor unit			
Panel colour			White
Dimensions (H x W x D)		mm	298 x 885 x 229
(Package dimensions)		mm	375 x 980 x 325
Weight (Gross)		kg	11 (16)
Airflow rate (Cooling/Heating) *1 X(Y)		m ³ /min	16.6 (15.4)
		Feet ³ /min (CFM)	586 (544)
Operation sound H/M/L/SL	Cooling	dB(A)	47/41/35
Outdoor unit			
Dimensions (H x W x D)		mm	595 x 845 x 300
(Package dimensions)		mm	680 x 1035 x 410
Weight (Gross)		kg	44 (50)
Operation sound (H)	Cooling	dB(A)	56
Breaker size		A	20
Piping length	Charge-less	m	10
	Max. length	m	20
	Max. height	m	10
Piping connection	Gas/Liquid	mm	φ12.7/ φ6.4
Operation limit	Cooling	°CDB	19.4~50

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.
* X(Y) X-Air flow rate during fan operation.
Y-Air flow rate in wet (cooling) condition.
- For the complete feature list please refer pages 49 - 52.

UNIT OPTIONS

Optional Parts	JTKJ35/50/60 RKJ35/50/60	FTKF35/50/60 RKF35/50/60	FTKG/FTKM35/50/60 RKG35/50/60	FTKP35/50/60 RKP35/50/60
5 rooms centralised controller	KRC72			
Wiring adaptor for time clock / remote control	KRP413AB1S + New Optional power adaptor	KRP413AB1S + New Optional power adaptor	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	KAF010A503	KAF010A503
Air purifying filter (PM 2.5)	KAF250A502	KAF250A502#	KAF250A502	Included with the unit in accessories bag
Titanium apatite deodorising air purifying filter	KAF970A45	KAF970A45	KAF970A45	KAF970A45
Ag-ion filter	KAF057A41	KAF057A41	KAF057A41	KAF057A41
Anti-microbial filter	KAF500A504	KAF500A504	Included with the unit in accessories bag	KAF500A504
Air purifying filter (PM 0.1) for streamer	Included with the unit in accessories bag	NA	NA	NA
Air purifying filter (PM 2.5) for streamer	KAF250A505	NA	NA	NA
Remote Holder	Included with the unit in accessories bag	NA	Included with the unit in accessories bag	Included with the unit in accessories bag

#Included with the unit in accessories bag

Optional Parts	FTHT35/50/60 RHT35/50/60	ATKL35/50/60 RKL35/50/60	CTKL35/50 RKL35/50	DTKL35/50/60 DTKL35/50/60	ETKL35/50 RKL35/50	FTKL35/50/60/71 RKL35/50/60/71	GTKL35/50/60/71 RKL35/50/60/71
5 rooms centralised controller	KRC72						
Wiring adaptor 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)	KRP413AB1S + New Optional power adaptor (5.0 & 6.0kW only)	KRP413AB1S + New Optional power adaptor (5.0 & 6.0kW only)	KRP413AB1S + New Optional power adaptor (5.0 & 6.0kW only)	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	KAF010A503	KAF010A503	KAF010A503	KAF010A503	KAF010A503
Air purifying filter (PM 2.5)	Included with the unit in accessories bag	KAF250A502	KAF250A502	KAF250A502	KAF250A502	KAF250A502	KAF250A502
Titanium apatite deodorising air purifying filter	KAF970A45	KAF970A45	KAF970A45	KAF970A45	Included with the unit in accessories bag	Included with the unit in accessories Bag	KAF970A45
Ag-ion filter	KAF057A41	Included with the unit in accessories Bag	Included with the unit in accessories bag	KAF057A41	KAF057A41	KAF057A41	KAF057A41
Anti-microbial filter	KAF500A504	KAF500A504	KAF500A504	Included with the unit in accessories bag	KAF500A504	Included with the unit in accessories Bag	KAF500A504
Air purifying filter (PM 0.1) for streamer	NA	NA	NA	NA	NA	NA	NA
Air purifying filter (PM 2.5) for streamer	NA	NA	NA	NA	NA	NA	NA
Remote Holder	NA	NA	NA	NA	NA	NA	NA

Optional Parts	3 Star				2 Star	
	A-TV	D-TV	F-TV	G-TV	F-TV	G-TV
	ATL35/50	DTL35/50	FTL28/35/50	GTL28/35/50	FTQ60/90	GTQ60
Titanium apatite deodorising air purifying filter	KAF970A45					
Air purifying filter (PM 2.5)	KAF250A502		Included with the unit in accessories bag		KAF250A502	
Air purifying filter (PM 0.1)	Included with the unit in accessories bag			KAF010A503		
Ag-ion filter	KAF057A41					
Anti-microbial filter	KAF500A5	Included with the unit in accessories bag		KAF500A5	Included with the unit in accessories bag	
					KAF500A5	

FEATURES LIST

Function		FTKR35 TV16W	FTKR50/ 60TV16U	JTKJ35/50/ 60TV16U	FTKF35/ 50TV16U	FTKF 60TV16U	FTKM35 TV16W	FTKM50/ 60TV16U	FTKP35 TV16W
		RKR35 TV16W	RKR50/ 60TV16U	RKJ35/50/ 60TV16U	RKF35/ 50TV16U	RKF 60TV16U	RKM35 TV16W	RKM50/ 60TV16U	RKP35 TV16W
Technology	Swing compressor	●	●	●	●	●	●	●	●
	Rotary comp.	—	—	—	—	—	—	—	—
Comfortable Airflow	Reluctance DC motor	●	●	●	●	●	●	●	●
	PAM control	●	●	●	●	●	●	●	●
	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	●	●	●	●	●	—	—	●
	Indoor unit quiet operation	●	●	●	●	●	●	●	●
	Outdoor unit quiet operation	—	—	●	—	—	—	—	—
Comfort Control	Intelligent eye	—	—	●	—	—	—	—	—
	Automatic operation (Heating and Cooling)	—	—	—	—	—	—	—	—
	Auto fan speed	●	●	●	●	●	●	●	●
	ECONO mode	●	●	●	●	●	●	●	●
Lifestyle Convenience	Inverter powerful operation	—	—	—	—	—	—	—	—
	New dry mode function	●	●	●	●	●	●	●	●
	New powerful operation (Non-Inverter)	—	—	—	—	—	—	—	—
	POWER CHILL operation	●	●	●	●	●	●	●	●
	Indoor unit ON/OFF switch	●	●	●	●	●	●	●	●
	Fan only	●	●	●	●	●	●	●	●
Cleanliness	Patented Streamer Discharge Air Purifier	—	—	●	—	—	—	—	—
	Mold proof operation	—	—	—	—	—	—	—	—
	Smell proof operation	●	●	●	●	●	●	●	●
	Titanium apatite deodorising air purifying filter	Option	Option	Option	Option	Option	Option	Option	Option
	Ag ion filter	Option	Option	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	Option	Option	Option
	Anti-microbial filter	●	●	Option	●	●	●	●	Option
Controls	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	—	—	—	—	—	—	—	●
	R/C LCD back light OFF	●	●	●	—	—	—	—	●
	Child lock	●	●	●	—	—	●	●	●
	24-Hr ON/OFF timer	●	●	●	—	—	—	—	●
Timers	Count up-down ON/OFF timer	—	—	—	●	●	—	—	—
	Good Sleep Off Timer	—	—	—	●	●	—	—	—
	New Good Sleep Off Timer	●	●	●	—	—	●	●	●
	Auto-restart (after power failure)	●	●	●	●	●	●	●	●
Worry Free	Stabilizer Inside	●	●	●	●	●	●	●	●
	Stabilizer free	—	—	—	—	—	—	—	—
	New stabilizer mode	—	● for 6.0kW Model	● for 5.0 & 6.0kW Model	● for 5.0kW Model	●	—	—	—
	Anti-corrosion treatment of complete Indoor Unit	—	—	—	—	—	—	—	—
	Self -diagnosis (RC,LED) display	●	●	●	●	●	●	●	●
	PE Anti-corrosion treatment of outdoor heat exchanger	●	●	●	●	●	●	●	●
	Installation Kit (3 meter)	●	●	●	●	●	●	●	●
Voice control with Alexa & Google Home	●	●	—	—	—	—	—	—	
Mobile App Control	●	●	—	—	—	—	—	—	
Smart phone connection	●	●	—	—	—	—	—	—	

FEATURES LIST

Function		FTKP50/ 60TV16U	FTHT35 TV16X	FTHT50/60 TV16U	FTKT35	FTK50/60
		RKP50/ 60TV16U	RHT35 TV16X	RHT50/60 TV16U	RKT35	RKT50/60
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)	—	●	●	—	—
	Auto fan speed	●	●	●	●	●
Lifestyle Convenience	ECONO mode	●	●	●	●	●
	Inverter powerful operation	—	—	●	—	—
	New dry mode function	●	●	●	●	●
	New powerful operation (Non-Inverter)	—	—	—	—	—
	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	—	—
	Ag ion filter	Option	Option	Option	Option	Option
	Air purifying filter (PM2.5)	●	●	●	●	●
	Air purifying filter (PM0.1)	Option	—	—	Option	Option
Anti-microbial filter	Option	—	—	Option	Option	
Wipe-clean flat panel (washable)	●	●	●	●	●	
Controls	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	●	●	●	●	●
	R/C LCD back light OFF	●	●	●	—	—
	Child lock	●	●	●	●	●
Timers	24-Hr ON/OFF timer	●	●	●	—	—
	Count up-down ON/OFF timer	—	—	—	—	—
	Good Sleep Off Timer	—	—	—	—	—
	New Good Sleep Off Timer	●	●	●	●	●
Worry Free	Auto-restart (after power failure)	●	●	●	●	●
	Stabilizer Inside	●	●	●	●	●
	Stabilizer free	—	—	—	—	—
	Self-diagnosis (R/C, LED) display	●	●	●	●	●
	Anti-corrosion treatment of complete Indoor Unit	—	—	—	—	—
PE Anti-corrosion treatment of outdoor heat exchanger	●	●	●	●	●	
Installation Kit (3 meter)	●	●	●	●	●	

Function		FTKL35/50/60	FTKL71	DTKL35/50/60	ATKL35/50/60	CTKL35/50	ETKL35/50	GTKL35/50/60	GTKL71
		RKL35/50/60	RKL71	RKL35/50/60	RKL35/50/60	RKL35/50	RKL35/50	RKLG35/50/60	RKLG71
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)	—	●	—	—	—	—	—	●
Comfort Control	3-D airflow	—	●	—	—	—	—	—	●
	Indoor unit quiet operation	●	●	●	●	●	●	●	●
	Outdoor unit quiet operation	—	—	—	—	—	—	—	—
	Intelligent eye	—	—	—	—	—	—	—	—
	Automatic operation (Heating and Cooling)	—	—	—	—	—	—	—	—
Lifestyle Convenience	Auto fan speed	●	●	●	●	●	●	●	●
	ECONO mode	●	●	●	●	●	●	●	●
	Inverter powerful operation	—	—	—	—	—	—	—	—
	New dry mode function	●	●	●	●	●	●	●	●
	New powerful operation (Non-Inverter)	—	—	—	—	—	—	—	—
	POWER CHILL operation	●	●	●	●	●	●	●	●
Cleanliness	Indoor unit ON/OFF switch	●	●	●	●	●	●	●	●
	Fan only	●	●	●	●	●	●	●	●
	Patented Streamer Discharge Air Purifier	—	—	—	—	—	—	—	—
	Smell proof operation	●	●	●	●	●	●	●	●
	Titanium apatite deodorising air purifying filter	●	Option	Option	Option	Option	●	Option	Option
	Ag ion filter	Option	Option	Option	●	●	Option	Option	Option
Controls	Air purifying filter (PM2.5)	Option	●	Option	Option	Option	Option	Option	Option
	Air purifying filter (PM0.1)	Option	Option	Option	Option	Option	Option	Option	Option
	Anti-microbial filter	Option	Option	●	Option	Option	Option	Option	●
	Wipe-clean flat panel (washable)	●	●	●	●	●	●	●	●
	Power Display at Indoor unit	—	—	—	—	—	—	—	—
	Set Temperature Display at Indoor Unit	—	—	—	—	—	—	—	—
Timers	Room Temperature Display at Indoor Unit	—	—	—	—	—	—	—	—
	R/C with back light	—	—	—	—	●	●	—	●
	Luminescent R/C button	●	●	●	●	●	●	●	●
	Indoor temp. display on R/C	●	—	●	●	●	●	●	—
	R/C LCD back light OFF	●	—	●	●	●	●	●	—
	Child lock	●	—	●	●	●	●	●	—
Worry Free	24-Hr ON/OFF timer	—	—	—	—	—	—	—	—
	Count up-down ON/OFF timer	—	●	—	—	—	—	—	●
	Good Sleep Off Timer	—	●	—	—	—	—	—	●
	New Good Sleep Off Timer	●	—	●	●	●	●	●	—
Worry Free	Auto-restart (after power failure)	●	●	●	●	●	●	●	●
	Stabilizer Inside	●	●	●	●	●	●	●	●
	Stabilizer free	—	—	—	—	—	—	—	—
	Self-diagnosis (R/C, LED) display	●	●	●	●	●	●	●	●
	Anti-corrosion treatment of complete Indoor Unit	—	—	—	—	—	—	—	—
Worry Free	PE Anti-corrosion treatment of outdoor heat exchanger	●	●	●	●	●	●	●	●
	Installation Kit (3 meter)	●	●	●	●	●	●	●	—
	Smart phone connection	—	Option	—	—	—	—	—	—

FEATURES LIST

Function		FTL28/35/50	DTL35/50	ATL35 /50	GTL28/35/50	FTQ60/90	GTQ60
		RL28/35/50	RL35/50	RL35/50	RLG25/35/50	RQG35/50/60	RQ35/50/60
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)	—	—	—	—	—	—
	Auto fan speed	●	●	●	●	●	●
Lifestyle Convenience	ECONO mode	●	●	●	●	●	●
	Inverter powerful operation	—	—	—	—	—	—
	New dry mode function	●	●	●	●	●	●
	New powerful operation (Non-Inverter)	—	—	—	—	—	—
	POWER CHILL operation	●	●	●	●	●	●
	Indoor unit ON/OFF switch	●	●	●	●	●	●
	Fan only	●	●	●	●	●	●
Cleanliness	Patented Streamer Discharge Air Purifier	—	—	—	—	—	—
	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
	Air purifying filter (PM0.1)	—	Option	●	Option	Option	Option
	Anti-microbial filter	Option	●	Option	●	Option	Option
	Wipe-clean flat panel (washable)	—	●	●	●	●	●
Controls	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	—	—	—	—	—	—
	R/C LCD back light OFF	—	—	—	—	—	—
	Child lock	—	—	—	—	—	—
Timers	24-Hr ON/OFF timer	—	—	—	—	—	—
	Count up-down ON/OFF timer	—	●	●	●	●	●
	Good Sleep Off Timer	—	●	●	●	●	●
	New Good Sleep Off Timer	—	—	—	—	—	—
	Auto-restart (after power failure)	●	●	●	●	●	●
Worry Free	Stabilizer Inside	—	—	—	—	—	—
	Stabilizer free	●	●	●	●	●	●
	Self-diagnosis (R/C, LED) display	●	●	●	●	●	●
	Anti-corrosion treatment of complete Indoor Unit	—	—	—	—	—	—
	PE Anti-corrosion treatment of outdoor heat exchanger	●	●	●	●	●	●
	Installation Kit (3 meter)	●	●	●	—	●	—



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