

GTQ Series

Available in Cooling: (HP) 0.9, 1, 1.3, 1.8, 2.2
(kW) 2.5, 2.8, 3.5, 5.0, 6.0

IDU Colour: White, Stabilizer Free
(With Copper Connecting Kit)



Power Chill
Operation



Coanda
Airflow



DNNS Self
Heal Coating



Econo
Mode



Self
Diagnosis

R-32

SPECIFICATIONS

Model name		Indoor unit	Outdoor unit	GTQ25TV16X2Z RQG25TV16X2Z	GTQ28TV16X2Z RQG28TV16X2Z	GTQ35TV16X2Z RQG35TV16X2Z
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				2.5	2.80	3.35
				Btu/h	8531	9555
Power consumption rated				862	767	971
EER				W	2.90	3.65
Operating current		Cooling	A	3.86	3.40	4.30
Indoor unit						
Panel color				White	White	White
Dimensions (H x W x D)				283 x 800 x 198	283 x 800 x 198	283 x 800 x 198
Package dimensions (H x W x D)			mm	265 x 855 x 340	340 x 855 x 265	340 x 855 x 265
Weight (Gross)			kg	9 (11)	9 (11)	9 (11)
Airflow rate			m ³ /min	8.8	9.7	10.6
Operation sound H/MH/M/ML/L/SL		Cooling	dBA	40/37/31	39/35/29	40/35/30
Outdoor unit						
Dimensions (H x W x D)			mm	416 x 695 x 244	550 x 765 x 285	550 x 765 x 285
Package dimensions (H x W x D)			mm	475 x 810 x 335	642 x 932 x 380	642 x 932 x 380
Weight (Gross)			kg	23 (26)	29 (33)	29 (34)
Operation sound H/SL		Cooling	dBA	51/-	51/-	51/-
Refrigerant (Quantity)			kg	R32 (0.57)	R32 (0.57)	R32 (0.53)
Breaker size			A	15	15	15
Piping length		Charge-less		10	10	10
		Max. length	m	15	20	20
		Max. height	m	15	15	15
Piping connection		Gas/Liquid	mm	φ9.5/φ6.4	φ9.5/φ6.4	φ9.5/φ6.4
Operation limit		Cooling	°C DB	19.4-50	19.4-50	19.4-50

Model name		Indoor unit	Outdoor unit	GTQ50TV16U2Z RQG50TV16U2Z	GTQ60TV16U2Z RQG60TV16U2Z
Power supply				1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
Power supply intake				Outdoor unit	Outdoor unit
Cooling capacity rated				5.20	6.40
				Btu/h	17743
Power consumption rated				1600	1855
EER				W	3.25
Operating current		Cooling	A	7.30	8.50
Indoor unit					
Panel color				White	White
Dimensions (H x W x D)			mm	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
Weight (Gross)			kg	12 (15)	12 (15)
Airflow rate			m ³ /min	15.1	16.6
Operation sound H/MH/M/ML/L/SL		Cooling	dBA	44/41/35	47/41/35
Outdoor unit					
Dimensions (H x W x D)			mm	595 x 845 x 300	595 x 845 x 300
Package dimensions (H x W x D)			mm	680 x 1035 x 410	680 x 1035 x 410
Weight (Gross)			kg	39 (44)	44 (49)
Operation sound H/SL		Cooling	dBA	54/-	56/-
Refrigerant (Quantity)			kg	R32 (0.78)	R32 (1.08)
Breaker size			A	15	20
Piping length		Charge-less		10	10
		Max. length	m	20	20
		Max. height	m	10	10
Piping connection		Gas/Liquid	mm	φ12.7/φ6.4	φ12.7/φ6.4
Operation limit		Cooling	°C DB	19.4-50	19.4-50

Measurement conditions:
1. Cooling capacity is based on: indoor temp. 27°C DB, 19°C WB; outdoor temp. 35°C DB, piping length 5m.
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. 11R (10n of Refrigeration) = ~3.517 kilowatt.

*Star Rating as per Energy & Petroleum Regulatory Authority (EPRA) Kenya Bureau of Standards (KEBS).

All reasons to bring Daikin home

Dew Clean Technology



Cleans the indoor heat exchanger automatically

Ensures hygiene & maintains clog-free heat exchanger for a better airflow.

Econo Mode*



Reduces energy consumption

Optimises cooling capacity.

*Applicable models: All series.

HEPTA Hepta Sense



Automated operations

The 7 Sensors on the IDU & ODU improve overall performance, provide convenience & increases the durability of the AC.

Stabilizer Inside* Operation

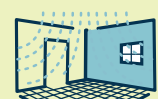


No worry on voltage fluctuation

Regulates voltage across a wide range of fluctuation (130V~285V). Smooth operations during voltage fluctuations.

*Applicable for inverter models only.

Coanda Airflow*



Even airflow distribution to every corner of the room

Optimises flap position of the indoor unit for radiant cooling.

*Applicable models: All series.

DNNS Self Heal Coating



Enhanced durability

The DNNS coating forms a protective layer on the copper coils and offers exceptional defence against corrosion.

Power Chill Operation*



Fast cooling than normal mode

Immediate relief from hot temperatures.

Outdoor Power Supply*



Protection against fire accidents

No overheating of main cable inside room.

*Applicable models: All series.

3D Airflow



Uniform cooling at every corner

It ensures steady air circulation to deliver even cooling and unmatched comfort.

Auto Error Code Display



Auto error detection in indoor unit display

AC issues identification that no longer requires technician expertise.

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Disclaimer

As a continuing policy of product innovation at Daikin, the design and specifications are subject to change without prior notice. The visuals of the products in the brochure are representative only, actual products might differ from the ones shown.

*Products mentioned in this brochure comply with RoHS regulations as per E-waste (Management & Handling) Rules, 2011 and should not be mixed with general household waste at the end of their useful life. For more details kindly visit our website www.daikineastafrica.com.



WORLD'S LEADING AIR CONDITIONING
COMPANY FROM JAPAN

Residential Air-Conditioners



COMFORT
 Cools Up To 50°C

AIR QUALITY
 Anti-Microbial Filter

RELIABILITY
 Self Healing Technology

EFFICIENCY
 Smart Gen

Smart Gen



Daikin’s Smart Gen Mode is an advanced feature in air conditioning systems designed to tackle challenges arising from power fluctuations and varying generator capacities. It allows Daikin Inverter ACs to function efficiently even with generators as low as 0.5 KVA.

Optimizes air conditioner power consumption during power outages or generator operation. Users can adjust AC power levels (100% to 40%) to match the generator's capacity, preventing overload and ensuring efficient cooling under reduced power conditions.

BENEFITS



Efficient power use during outages:
Extends AC operation on generators during power cuts.



Prevents generator overload:
Adjusts AC power to match generator capacity safely.



Maintains cooling reliability:
Ensures consistent cooling with reduced power consumption.

Generator Power (kVA)	Model Class (kW)			
	2.5	3.5	5.0	6.0
0.5	L5			
0.6	L4	L5		
0.7	L4	L5		
0.8	L3	L4	L5	
0.9	L2	L4	L5	L5
1.0	L1	L3	L4	L5
1.2		L2	L4	L4
1.4		L1	L3	L4
1.6			L3	L3
1.8			L2	L3
2.0			L1	L2
2.2				L1

Note: Generator power factor is 0.9

Coding	L5	L4	L3	L2	L1
	Please Use L5	Please Use L4	Please Use L3	Please Use L2	Please Use L1

Note: This table can be used as reference to select the input power based on cooling capacity of the air conditioner being used.

Taking control of the future 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 it controls electric voltage, current and frequency. Inverter air-conditioners vary their cooling/heating capacity by adjusting the power supply frequency of their compressors.

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
Inverter ACs save 30~35% energy *annually compared to Non-Inverter ACs. After the indoor temperature approaches the set temperature, the inverter control adjusts to low capacity operation to maintain this temperature. This makes inverter models more efficient in energy saving than non-inverter models, which 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 becomes small. This gives higher comfort level than the non-inverter air-conditioners.

*Energy Saving calculated in DAIP Lab based on the Inverter AC Operation & 50% load condition for 70% of 1600hrs of running.

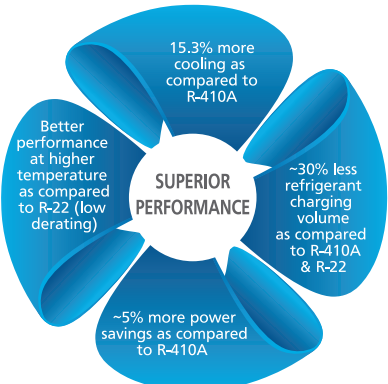
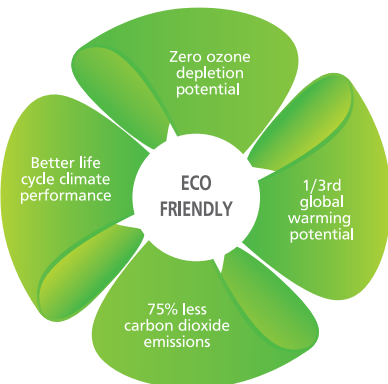
Befriending the environment



Air is something that surrounds us 24 hours a day. In fact, our existence as well as earth’s, depend on it. At Daikin, the future of the world’s air is our greatest concern. We, the manufacturer of world’s double best air-conditioners, are always paving the path to save our environment for the next generation. We phased out all R-22 models and shifted to the green refrigerant R-32. Now, the whole world is

coming together to find and work on ways to address the global warming issue. We are also offering worldwide free access to patents for equipments using next generation refrigerant, R-32. Refrigerant choice is a key in saving the ozone layer and reducing global warming.

Our all Residential Air Conditioner models manufactured in India use the next-generation refrigerant, R-32.



FTKL Series



Available in Cooling: (HP) 0.9, 1.3, 1.8, 2.2 (kW) 2.5, 3.5, 5.0, 6.0

IDU Colour: White, Stabilizer Inside (With Copper Connecting Kit)



Hepta Sense



Smart Gen



DNNS Self Heal Coating



Power Chill Operation



Dew Clean Technology

SPECIFICATIONS

Model name			Indoor unit	FTKL25UV16WZ	FTKL35UV16WZ	FTKL50UV16VZ	FTKL60UV16UZ	
			Outdoor unit	RKL25UV16WZ	RKL35UV16WZ	RKL50UV16VZ	RKL60UV16UZ	
Power supply				1φ 50Hz 230V				
				(220-240V)				
Power supply intake				Outdoor unit				
Cooling capacity	Rated Full/Half	kW	2.5/1.25	3.5/1.75	5/2.5	6/3		
	(min.max.)		1/2.8	1.07/3.7	1.75/5.2	2/6		
Cooling capacity	Rated Full/Half	Btu/h	8530.25/4265.1	11942/5971	17060/8530	20473/10236		
	(min.max.)		3412/9554	3651/12625	5971/17743	6824/20473		
Power consumption rated Full/ Half (min.max.)		Cooling	W	782/282	1148/385	1637/557	1965/660	
			W	240/950	210/1200	375/1750	495/1965	
COP (Full/ Half)		Cooling	W/W	3.19/4.43	3.04/4.55	3.05/4.49	3.05/4.55	
Voltage range		Cooling	V	130~285				
Operating current		Cooling	A	3.58	5.25	7.49	8.99	
Indoor unit	Panel color		White					
	Dimensions HxWxD		mm	298 x 800 x 229	298 x 800 x 229	298 x 885 x 229	298 x 885 x 229	
	Package dimensions			375 x 895 x 325	375 x 895 x 325	375 x 980 x 325	375 x 980 x 325	
	Weight (Gross)		kg	9.5 (13)	9.5 (13)	10.5 (14.5)	11 (15)	
	Airflow rate *1 X(Y)		Cooling	m³/min.	11.9 (11.1)	11.9 (11.1)	16.2 (14.9)	16.8 (15.3)
	Operation sound H/MH/M/ML/L/SL		Cooling	dBA	43/42/39/35/32/29	41/39/36/33/29/26	45/42/40/38/35/32	48/46/43/41/38/32
Outdoor unit	Dimensions HxWxD		mm	418 x 695 x 244	550 x 675 x 284	595 x 845 x 300	595 x 845 x 300	
	Package dimensions			475 x 810 x 335	620 x 825 x 400	680 x 1035 x 410	680 x 1035 x 410	
	Weight (Gross)		kg	17.5 (22)	21.5 (26)	28 (33)	32 (37)	
	Operation sound H/SL		Cooling	dBA	51	51	54	56
Piping length		Charge-less	m	10	10	10	10	
		Max. length	m	15	15	20	25	
		Max. height	m	12	12	16	20	
Piping connection		Gas/Liquid	mm	Φ9.5/φ6.4	Φ9.5/φ6.4	Φ12.7/φ6.4	Φ12.7/φ6.4	
Operation limit		Cooling	°CDB	19.4~50				

Measurement conditions:
1. Cooling capacity is based on: indoor temp. 27°C DB, 19°C WB; outdoor temp. 35°C DB, piping length 5m.
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.