



FTKG-0319-C

INNOVAIRE

Technology Designed for Life

R32 Inverter Wall Mounted Series



Air Specialist™

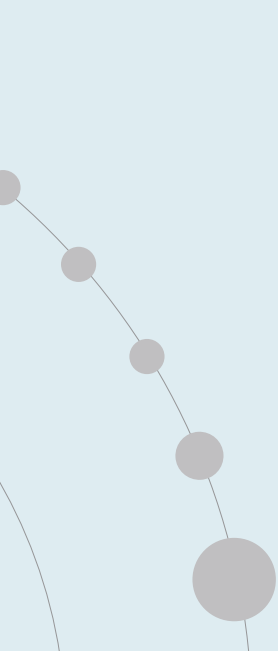


Air is our Ele



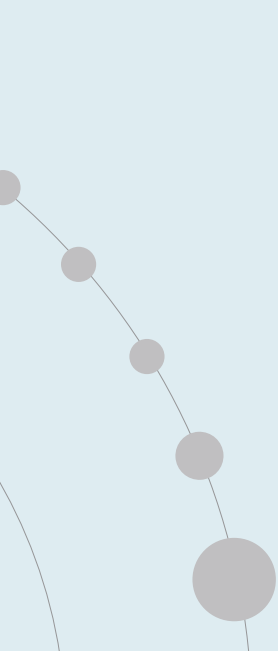
INNOVAIRE

There's more to
feel good about



Since the day we began in Osaka almost a century ago, we have been championing the fight for better air quality indoors. After all, you are what you breathe.

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Around the world, Daikin has set the standard for performance in cooling, heating and refrigeration solutions, always with an eye to finding new ways to add value, enhance service, and better meet the changing needs of our customers. By looking ahead, we think beyond meeting society's demands for cooling and comfort, and see the larger goal of delivering the best solutions for a sustainable world that can be enjoyed by all.

Above all, we want to make sure that your investment in Daikin products pays off – not just now, but well into the future too.

INNOVAIRE

The Power of Three



Cutting Edge
Inverter
Technology

At Daikin, our air specialists are continuously reinterpreting our legacy of innovation with the latest advancements. The Daikin Innoaire technology encompasses the latest upgrade of our iconic Inverter, featuring an all-new fast cooling feature as well as powerful energy saving with the improvement in energy efficiency, quality, and performance. Its uncomplicated design speaks of engineering excellence, combining the science of optimal airflow with a well-integrated built-in swing compressor and proprietary algorithms to give you more precise control over the temperature and an even quieter operation. The end result: greater comfort and even greater savings, for the greatest value.



Welcome an exciting new frontier of technological innovation with the new Innovaire technology. Bringing you the ultimate 'feel good' cooling experience with triple technology play that covers all bases, especially those that matter.



Ultra Fast Cooling

We understand the importance of instant gratification, which is why we continue to push the boundaries of accelerated cooling. Innovaire's groundbreaking algorithm enables its compressor to go from zero to maximum frequency in a much shorter time, reducing time taken to achieve the desired temperature by 35% from the conventional Inverter. Paired with fan speed on Powerful mode, even large rooms can be fully cooled in a matter of minutes. Now you can enjoy instant relief from the sweltering outdoors every time you step into your home.



Next-Generation Refrigerant **R32**

It was our pursuit of a more sustainable refrigerant and equipment lifecycle that led us to discover the next-generation, earth-friendly R32 refrigerant and become the global pioneer of its use in air conditioners. This game-changing refrigerant strikes the perfect balance between energy efficiency, ease of use, and environmental sustainability; offering distinct advantages across the board compared to the commonly used R410A and R22 refrigerants.

Benefits of the R32 at a glance:

- Does not deplete the ozone layer, unlike the R22.
- Low Global Warming Potential at 1/3 of R410A.
- 1.5x heat transfer capacity of the R410A.
- Easy to reuse, recycle, and install.



Energy Bill Savings

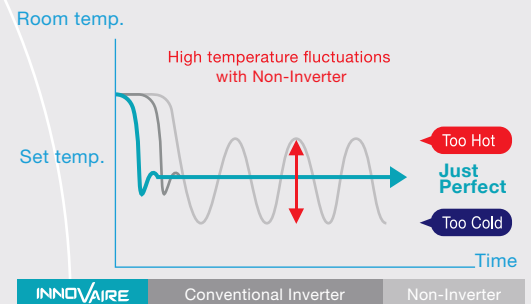
Pushing the envelope of engineering and sophisticated algorithms, our Innoaire technology bears the stamp of courageous innovation to bring you an elevated cooling experience with unparalleled savings in energy and cost.

The Daikin. Innoaire Leading Edge



Quick and Powerful Cooling

Powered by Innoaire technology, it is not only more efficient than Non-Inverters, but also up to 35% more efficient than conventional Inverters; for quicker and more powerful cooling.

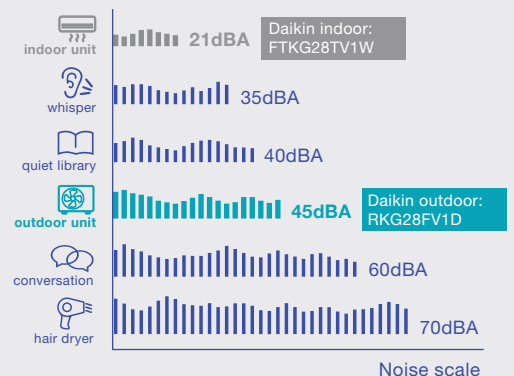


** Comparison of 1.5HP R32 model powered by Innoaire with Fast Cooling & without Fast cooling with below condition:
Indoor Starting Condition: 27°C
Outdoor Condition: 35°C/24°C
Remote Setting Temperature: 22°C with High Fan
Room size : 16m²



Quieter Operation

With Innoaire technology, outdoor and indoor units keep noise levels to a minimum for a gentle and unobtrusive operation.



5 + 1 Years Warranty

Designed for durability and component quality, Innoaire powered units comes with 5 years warranty for compressor and 1 year warranty for general parts.



Product Features

Cooling Comfort



Upgraded Fan Motor Design

Precise airflow control through the Silicon-Controlled-Rectifier (SCR) continuous fan motor allows for seamless and quieter transitions between fan speeds. Personalise with 5 selectable fan speeds, or choose from a suite of built-in presets including Sleep, Powerful and Quiet modes.



INNOVAIRE Technology

Daikin's next generation inverter technology utilises swing compressors and reluctance DC motors to optimise durability, performance and efficiency for superior comfort and better energy savings.



Cold Start

This feature accelerates the cooling process by reducing the time taken for the compressor to warm up, so you can enjoy faster cooling without relying on powerful mode.



Fast Cooling

Daikin's Innoaire technology's proprietary algorithm in fast cooling technology allows you to jumpstart your cooling experience, reducing time taken to reach your desired temperature by 35% compared to the conventional Inverter.



Powerful Mode

Once activated, this feature will engage the indoor fan motor to run at maximum speed for 20 minutes. The turbo airflow enables the desired temperature to be achieved faster, especially in larger spaces.

Reliability



Flexible Piping

Designed for your convenience, the Innoaire powered units come with piping lengths up to 30m, for high flexibility in system design and installation.



Auto-Restart with Surge Protection

If there is a sudden power failure, the unit will automatically restart with 64 different recovery patterns according to its last settings. This also prevents a sudden surge of electricity to your power source.

Lifestyle Convenience



Sleep Mode

Unwind at the end of the day with Sleep Mode, which gradually increases set temperature according to regular sleeping temperature patterns for an effortlessly personalised sleeping environment.



Quiet Mode

Reduce background noise with Quiet Mode, which decreases the sound pressure level to as low as 21dBA, barely louder than the rustling of leaves.



Timer

This timer can start or stop the air conditioner within a 24-hour period and can be preset in 30 minute steps using the wireless remote controller. The On Timer and Off Timer can be used in combination.



ECO+ Function

An intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. Once activated, set temperature will be adjusted automatically to an eco-friendly level.

*Only applicable to FTKG-T series



Intelligent Sense Function (PIR)

The Passive Infrared Sensor (PIR) intelligently adjusts temperature, fan speed and air-flow direction according to the detected level of human activity in a room, for an automatic yet customised cooling experience.

*Only applicable to FTKG-T series

Cleaner Environment



Cleaner Air

The Saranet Air Filter and Micron-level fiber traps airborne dust particles in the air. The filters can be easily accessed or replaced without tools via the detachable front panel



iPlasma Technology

Our advanced plasma ion technology purifies and sterilizes the air by effectively removing airborne contaminants, as well as deactivating harmful bacteria by damaging their microbial DNA and surface structures without causing harm to human tissues.

*Only applicable to FTKG-T series



Titanium Apatite Deodorising Filter

Effectively absorbs harmful airborne particles, traps dust and other irritants, and decomposes bacteria with our advanced deodorising and antibacterial technology. The filter lasts for up to three years and requires only one wash every six months.

*Only applicable to FTKG-T series





FTKG-T Series*

Delivering the 'Power of Three' with value-added premium features for superior air quality and an elevated cooling experience.



FTKG28T FTKG35T FTKG50-60T



FTKG-Q Series

Bringing you the best cooling experience with the 'Power of Three': cutting edge inverter technology, ultra fast cooling and the next generation R32 refrigerant.



FTKG28Q FTKG35Q FTKG50-60Q



ECO+
Function



Intelligent
Sense
Function
(PIR)



iPlasma
Technology



Titanium
Apatite
Deodorising
Filter

Specifications

Model		Indoor	Wireless	FTKG28TV1W	FTKG35TV1W	FTKG50TV1W	FTKG60TV1W
				FTKG28QV1L	FTKG35QV1L	FTKG50QV1L	FTKG60QV1L
			Wired	FTKG28QV1M	FTKG35QV1M	FTKG50QV1M	FTKG60QV1M
	Outdoor	Outdoor	RKG28FV1D	RKG35FV1D	RKG50CV1D	RKG60CV1D	
Rated Cooling Capacity (Min-Max)		Btu/hr	9,500 (4,400-10,200)	12,100 (4,400-13,000)	19,000 (4,700-21,200)	22,500 (5,800-23,500)	
		kW	2.78 (1.30-3.00)	3.55 (1.30-3.80)	5.57 (1.40-6.21)	6.59 (1.75-6.89)	
Total Power (Min-Max)		W	810 (280-920)	1,120 (300-1,300)	1,475 (290-1,850)	1,840 (380-2,000)	
Total Current (Min-Max)		A	3.60 (1.74-4.04)	4.97 (1.86-5.75)	6.54 (1.45-8.17)	8.16 (1.91-8.88)	
CSPF		Wh/Wh	4.48	4.53	5.55	5.84	
Indoor	Air Flow Rate		cfm	345	358	529	654
	Sound Pressure Level (T/H/M/L/Q)		dBA	41/40/34/29/21	42/41/34/30/22	44/40/38/35/32	46/43/41/37/33
	Dimension (H x W x D)	T series	mm	297 x 890 x 210	297 x 890 x 210	320 x 1,172 x 242	320 x 1,172 x 242
		Q series		288 x 859 x 209	288 x 859 x 209	310 x 1,124 x 237	310 x 1,124 x 237
	Unit Weight		kg	9		14	
Outdoor	Sound Pressure Level		dBA	45	46	51	51
	Dimension (H x W x D)		mm	550 x 658 x 273	550 x 658 x 273	654 x855 x 328	756 x 855 x 328
	Unit Weight		kg	24	24	41	44
	Pipe Connection Size - Liquid		mm	6.35			
	Pipe Connection Size - Gas		mm	9.52		12.70	
	Maximum Piping Length		m	20		30	
	Maximum Piping Elevation		m	15		20	
	Power Supply			220-240V/1ph/50Hz (Power To Indoor)			
Heat Insulation			Both Liquid and Gas Piping				
Energy Rating			3 Star	4 Star	5 Star		

Remarks:

1. Due to product innovation, all specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO5151.
3. Nominal cooling capacity are based on the conditions: 27°C DB / 19°C WB indoor and 35°C DB outdoor.
4. Sound pressure levels are measured in anechoic chamber according to JIS C 9612 standard. During actual operation, sound pressure level will be higher as a result of room specification condition.



www.daikin.com.my

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