



FTV-0319-E

R32

The Next-Generation Refrigerant

Non Inverter Wall Mounted Series

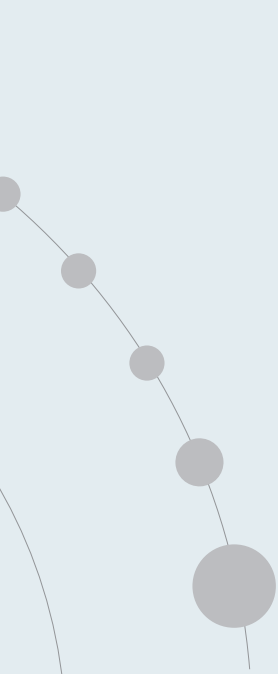


Air Specialist™

. Air
is our ELE




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.

ement



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.

R32

Pentagon of Benefits

Ozone layer protection

1. R32 does not deplete the ozone layer unlike R22.
2. It is 1/3 lower in global warming potential comparing with R410A.

Economic feasibility

1. R32 refrigerant is now available in high volume globally since it is 50% of R410A composition
2. R32 has 9 % lower liquid density compared to R410A. In a same system, R32 charge is lesser than R410A.

R32

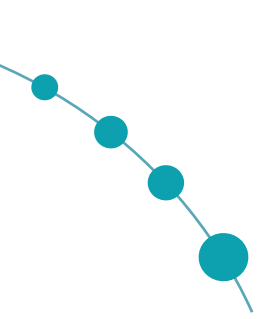


R410A



R22





This game changing refrigerant strikes the perfect balance between energy efficiency, ease of use and environmental sustainability; offering distinct advantages across the board. Bringing you comfort and a peace of mind.

Safety

R32 refrigerant is a stable refrigerant. The amount of refrigerant charge deposited into the unit is insufficient to cause ignition.

LCCP

1. Life Cycle Climate Performance (LCCP) is an indicator to evaluate the total global warming impact of refrigerants.
2. Factors included in LCCP are emission during:
 - refrigerant manufacturing.
 - air conditioner manufacturing.
 - air conditioner operating, servicing, and disposal.
3. LCCP of R32 refrigerant is the lowest, which promotes itself as a better substitution for future refrigerant.

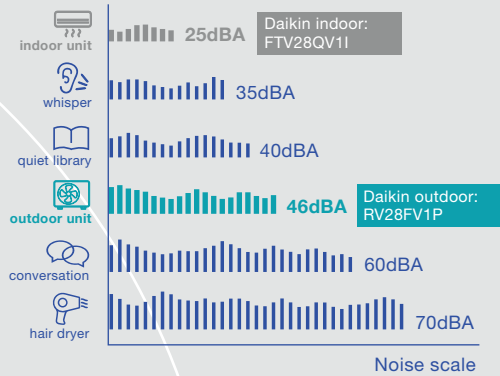
Energy efficiency

1. Several factors that contribute to better efficiency of R32 system are:
 - R32 refrigerant has lower vapour density and lower system mass flow rate. Thus, about 50% lower pressure drop can be expected.
 - R32 refrigerant has 43-50% higher latent heat compared to R410A.
 - R32 refrigerant has 41% higher liquid thermal conductivity compared to R410A, which permits better heat transfer at the same mass flux.



Quieter Operation

Outdoor and indoor units noise levels are kept to a minimum for a gentle and unobtrusive operation.



The Daikin R32 Next-Generation Refrigerant



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.

*Only applicable to FTV-Q series



5 + 1 Years Warranty

Designed for durability and component quality, the 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.



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, this series 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 25dBA, 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.

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



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FTV-Q Series

FTV28-60Q



FTV-P Series

FTV28-60P

Specifications

Model	Indoor	Wireless		FTV28PV1L	FTV35PV1L	FTV50PV1L	FTV60PV1L
		Wired		FTV28QV1I	FTV35QV1I	FTV50QV1I	FTV60QV1I
				FTV28PV1M	FTV35PV1M	FTV50PV1M	FTV60PV1M
				FTV28QV1J	FTV35QV1J	FTV50QV1J	FTV60QV1J
		Outdoor		RV28FV1P	RV35FV1R	RV50CV1P	RV60CV1P
Rated Cooling Capacity		Btu/h		9,500	12,000	18,000	22,000
		kW		2.78	3.52	5.28	6.45
Total Power		W		900	1,135	1,835	2,215
Total Current		A		4.00	5.25	8.12	9.76
CSPF		Wh/Wh		3.28	3.29	3.05	3.09
Indoor	Air Flow Rate		cfm	342	355	531	614
	Sound Pressure Level (T/H/M/L/Q)		dBA	39/37/33/27/25	40/39/35/29/28	44/42/39/36/35	48/46/43/39/37
	Dimension (H x W x D)	FTV-P	mm	288 X 800 X 212	288 X 800 X 212	310 X 1,065 X 228	310 X 1,065 X 228
		FTV-Q	mm	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	9	14	14
Outdoor	Sound Pressure Level		dBA	46	48	51	52
	Dimension (H x W x D)		mm	550 X 658 X 273	550 X 658 X 273	654 X 855 X 328	654 X 855 X 328
	Unit Weight		kg	28	28	41	41
	Pipe Connection Size - Liquid		mm	6.35			
	Pipe Connection Size - Gas		mm	9.52		12.70	
	Maximum Piping Length		m	25		30	
	Maximum Piping Elevation		m	15			
Coil type			Aluminium Fin			Micro Channel	
Power Supply		220-240V/1ph/50Hz (Power to Indoor)					
Heat Insulation		Both Liquid and Gas Piping					
Energy Rating		2 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.



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