

Split Type Air Conditioners

R-32 50 Hz

FTV-C Series



Low Voltage Compressor Able To Operate Down To 160v

- Strengthened to withstand low voltage conditions.
- Enable them to continue to operate during low voltage conditions down to 160V.

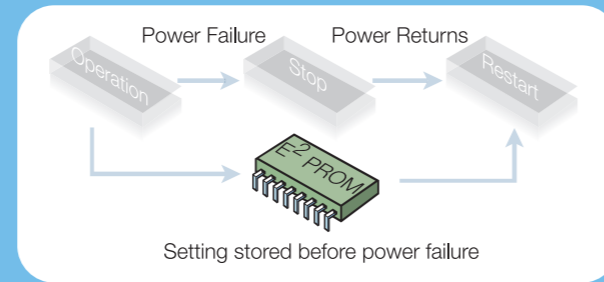


* Low voltage only applicable to FTV25CV19 and FTV35CV19
* 160V only applicable to FTV25CV19

Auto Random Restart With Last-State-Memory

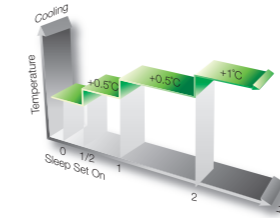
In the event of a sudden power failure during operation:

- Unit restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds).
- Will operate based on the previous setting (operating mode, temperature setting and fan speed).
- The air conditioners in the same building will resume randomly instead of all units resuming at the same time
- Prevent power surge after a blackout.



Comfort Sleep With Sleep Mode

Prevents excessive cooling for a pleasant and effortlessly personalised sleeping environment.



Set temperature will increase 2°C in 2hours according to regular sleeping temperature patterns



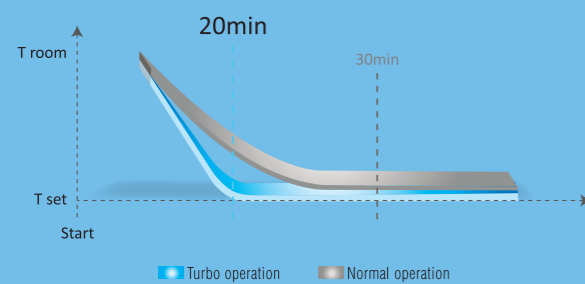
Save Installation Space With Small Outdoor Size

Only 566x256mm of floorspace for outdoor installation.
(for outdoor model RV25CV19)



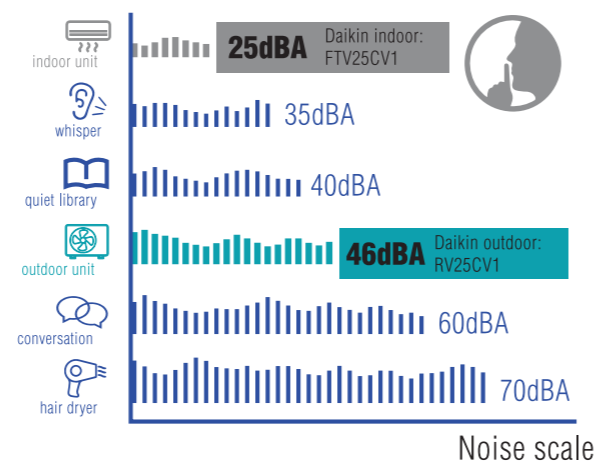
Fast Cooling With Turbo Mode

- Indoor fan motor to run at maximum speed for 20 minutes.
- Enables the desired temperature to be achieved faster, especially in larger spaces.



Calm Environment With Low Noise Operation

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



Flexible Piping

Designed for your convenience, this series come with piping lengths up to 30m, for high flexibility in system design and installation.

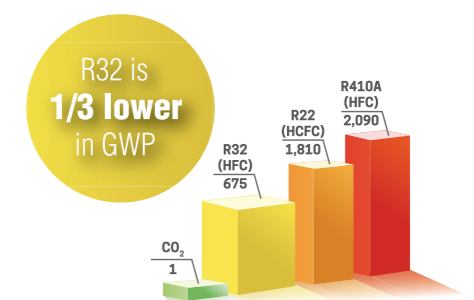
Model	Max length (m)	Max elevation (m)
FTV25CV1 RV25CV1	20	12
FTV35CV1 RV35CV1	25	15
FTV50CV1 RV50CV1	30	15
FTV60CV1 RV60CV1	30	15

World's 1st Launched R-32 Air Conditioner

*Since Nov 2012

- R32 does not deplete the ozone layer unlike R22.
- R32 is 1/3 lower in global warming potential comparing with R410A.
- R32 has 9 % lower liquid density compared to R410A. In a same system, R32 charge is lesser than R410A.
- R32 is single component refrigerant which makes it easy to repair and top up.
- R32 has the same pressure as R410A enable the installer to reuse the same copper pipe.

Lower global warming potential (gwp)





Specifications FTV-C Series

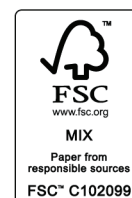
Model	Indoor unit		FTV25CV19	FTV35CV19	FTV50CV19	FTV60CV19
	Outdoor unit		RV25CV19	RV35CV19	RV50CV19	RV60CV19
Cooling capacity	Rated	kW	2.64	3.52	5.28	6.59
		Btu/h	9,000	12,000	18,000	22,500
Power supply		V/Ph/Hz	220-240V/1ph/50Hz (Power from Indoor)			
Running current	Rated	A	3.63	5.08	7.38	9.52
Power consumption	Rated	W	780	1100	1660	2130
CSPF			3.38	3.20	3.18	3.09
Indoor unit			FTV25CV19	FTV35CV19	FTV50CV19	FTV60CV19
Front panel colour			White			
IAQ Filter			Saranet filter			
Airflow	T/H/M/L/Q	cfm	358/342/282/225/209	372/355/298/242/225	594/531/498/460/422	641/614/567/516/474
Sound pressure level	T/H/M/L/Q	dB(A)	39/37/33/27/25	40/39/35/29/28	44/42/39/36/35	48/46/43/39/37
Dimensions	H x W x D	mm	288 x 800 x 206		310 x 1065 x 224	
Machine weight		kg	9.0	9.0	14.0	
Outdoor unit			RV25CV19	RV35CV19	RV50CV19	RV60CV19
Casing colour			Ivory white			
Refrigerant		Type	R32			
Sound pressure levels		dB(A)	46	48	52	52
Dimensions	H x W x D	mm	485 x 566 x 256	550 x 658 x 273	615 x 845 x 300	
Machine weight		kg	21.0	28.0	40.0	46.0
Piping connections	Liquid	mm	6.35			
	Gas	mm	9.52		12.70	
Maximum piping length		m	20	25	30	
Maximum piping elevation		m	12		15	

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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