

# R32 Inverter

## Wall Mounted SMARTO FTKH Series

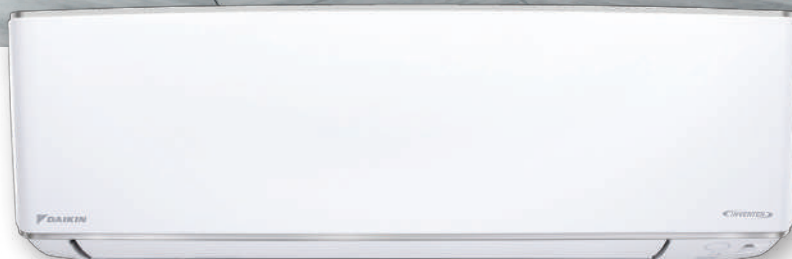
R32



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# SMARTO

## PREMIUM INVERTER



SMART  
SENSE

Smart+  
CLEAN

Smart  
Control

# Features



## Smart Powerful+ Operation

A smart feature that ensures maximum cooling performance delivered by engaging the indoor fan motor to run at maximum speed for 20mins. Utilizing the intelligence of sensor to detect human presence and to direct the airflow towards the detected human presence area for a faster and more efficient cooling.



## Better Indoor Air Quality Using 3 Powerful Air Purification



### Green Tea Filter

- This filter is infused with catechin extracted from green tea.
- Effectively deactivated bacteria, viruses and deodorises occurs captured on the filter surface.



### PM2.5 Dust Collection Filter

- This filter removes PM2.5 particulate matter which is smaller than 2.5 micrometres (µm). PM2.5 is small enough to be breathed deep into our lungs.



### Streamer Technology

- High speed electrons are discharged that enable decomposition and removal allergens such as mould, mites, pollen and hazardous chemical.



## Smart Ecomax

- A smart feature that ensures maximum energy saving while fulfilling basic human comfort needs. Utilizing the intelligence of sensor to detect human presence in room while adjusting set temperature automatically while limiting the maximum power consumption.
- Energy consumption level is indicated by the colour changes of unique LED light.



## Daikin Mobile Controller (Optional Accessory)

This optional adaptor and its application turn a smartphone into a remote controller that can be used inside or outside the home. Together they help to maintain comfort while saving energy and eliminate any worries about forgetting to turn off the air conditioner.

\* A wireless LAN connecting adaptor (BRP072C42) is required for each indoor unit.



## Compact & Easy To Use Controller

- Prominent temperature display.
- Real-time clock display.
- Easily accessible buttons.



ARC485A2

## Specification



FTKH28/35/50AV1L



RKU28/35FV1D



RKU50FV1D



Model name	Indoor unit		FTKH28AV1L	FTKH35AV1L	FTKH50AV1L
	Outdoor unit		RKU28FV1D	RKU35FV1D	RKU50FV1D
Capacity	Rated (Min - Max)	kW	2.84 (1.08 - 3.40)	3.55 (1.17 - 3.81)	5.57 (1.76 - 6.21)
		Btu/h	9,700 (3,700 - 11,600)	12,100 (4,000 - 13,000)	19,000 (6,000 - 21,200)
Power supply			1 phase, 220-240 V, 50 Hz (Power to Indoor)		
Running current	Rated (Min - Max)	A	3.28	4.20	6.90
Power consumption		W	720 (260 - 1,200)	940 (280 - 1,250)	1570 (420 - 2,200)
CSPF		Wh/Wh	6.40	6.31	5.75
Energy rating			5 star		
Heat insulation			Both liquid and gas piping		
Indoor unit			FTKH28AV1L	FTKH35AV1L	FTKH50AV1L
Airflow rate	H	cfm	380	400	430
Sound pressure levels	H / L / SL	dB(A)	39 / 27 / 20	40 / 28 / 22	43 / 33 / 31
Dimensions	H x W x D	mm	288 x 779 x 246		
Unit weight		kg	9.5		10
Outdoor unit			RKU28FV1D	RKU35FV1D	RKU50FV1D
Refrigerant		Type	R32		
Sound pressure levels	H	dB(A)	45	46	49
Dimensions	H x W x D	mm	550 x 658 x 273		
Unit weight		kg	24	26	37
Piping connection	Liquid	mm	ø6.35		
	Gas		ø9.52		ø12.70
Chargeless pipe length		m	7.5		
Maximum pipe length			20	30	
Maximum elevation length			15	20	

### 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 ; piping length 7.5m.
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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