



PCXRY14

Inverter Wall Mounted Series

R410A



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Up To 50% Energy Saving

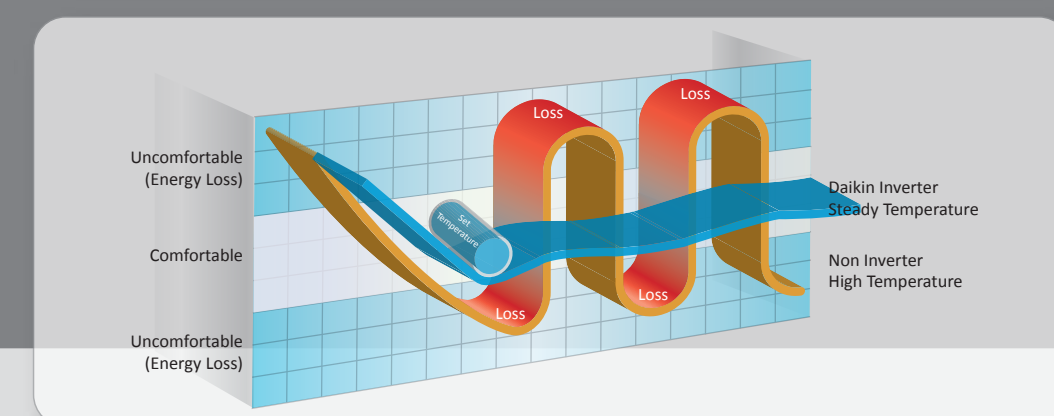
By using intelligent controls, compressor running speed is matched with air-conditioning load. This achieves significant savings in energy consumption.

“ Experience INVERTERS Innovations At Its Best ”

Advantages Of The Inverter Technology

- Superior Comfort
- Powerful Operation
- Higher Efficiency
- Better Energy Savings

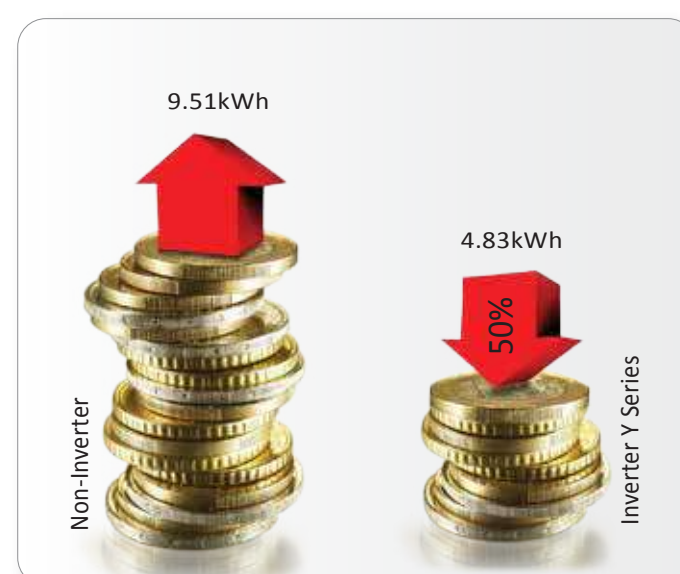
While fixed speed (non-inverter) systems operates by compressor start-stop cycles, this consumes much more energy and room temperature variance is higher.



What Is Inverter Technology?

Inverter air-conditioning technology is today's solution for superior comfort, higher efficiency and better energy-savings. Daikin's inverter technology lowered energy consumption up to 50% and its powerful action allows you to reach the desired temperature quickly and maintains precise temperature to ensure consistent level of comfort.

Cummulative Power Consumption



* Comparison between 1.5hp Inverter and Non-Inverter when operating 8 hours a day.

* Subject to individual operating conditions.

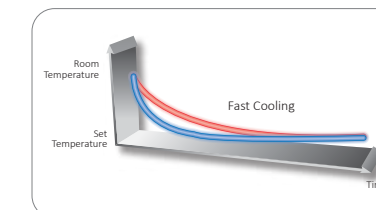
Test Conditions:

1. Room size: 16.5m²(area)
2. Set Temperature: 25 degC
3. Outside Temperature: 33 degC DB
4. Fan speed: High
5. Air flow: Maximum air flow

Flexible Performance

Rapid response time

After quickly reaching Set Temperature, the inverter system constantly adjusts and fine-tunes the cooling capacity to prevent undesired temperature swings. Room comfort level is constantly maintained even when the number of people in the room increases or decreases.

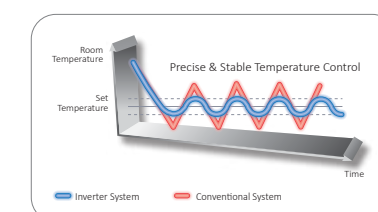


Flexible Installation

The extended piping length promote flexible installation.

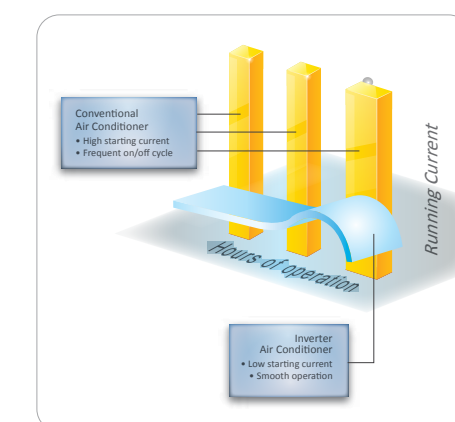
Model	Pre-Charge Length (m)	Maximum Length (m)	Maximum Height (m)
RK25FXV1	7.5	20.0	10.0
RK35FXV1	7.5	20.0	10.0
RK50CXV1	7.5	30.0	10.0
RK60CXV1	7.5	30.0	10.0

Note:
Additional refrigerant is required if the piping is longer than the pre-charge length.
For details, kindly refer to the installation manual.



Low Starting Current

Taking advantage of the ability to modulate the compressor speed, inverters are designed to operate with “ soft start ” feature. The compressor motor does not require to high current during start up.

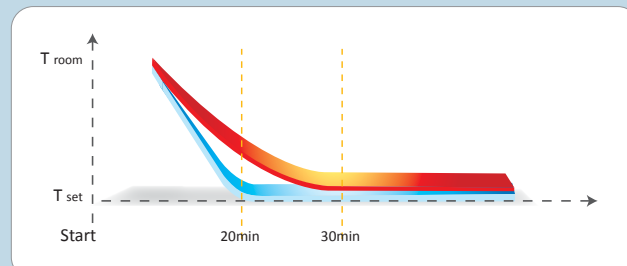




Inverter Wall Mounted Series

Turbo Mode

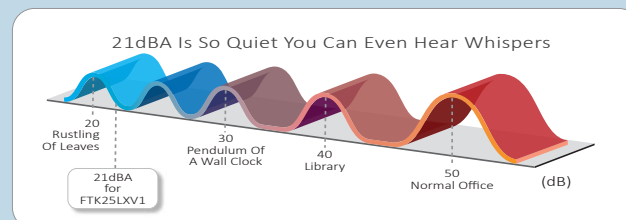
TURBO function is available in COOL and HEAT modes only. Once it is activated, the air-conditioner will run into full power with indoor fan running at MAX speed for 20 minutes. This enables the set temperature to be achieved faster. If TURBO and SLEEP are activated at the same time, the SLEEP mode timer will be reset, it will resume after TURBO function is cleared.



Lower Sound Level

More quiet room environment.

- With up to five selectable fan speeds, users are given more choices. By selecting Quiet mode, the sound pressure level is reduced down to an unobtrusive 21 dBA.
- To quickly cool down the room, Turbo Mode can be selected for maximum cooling power and highest airflow.

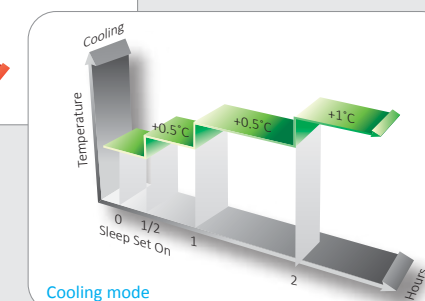
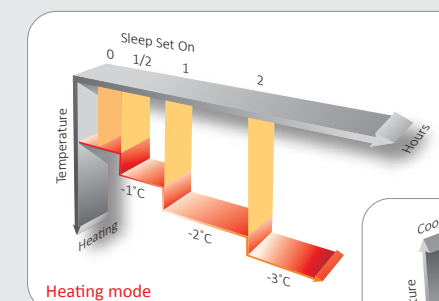


	Turbo	SL	L	M	H
Fan Speed		Low			High

Sleep Function

Providing right conditions for restful sleep.

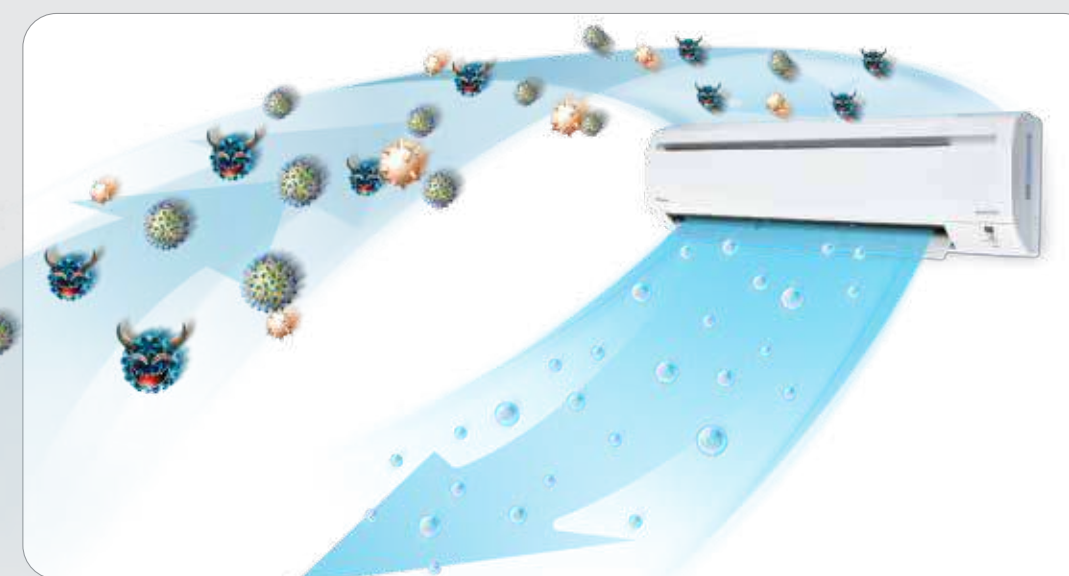
- Once activated, sleep mode ensures a comfortable environment for restful sleep.
- Set temperature is increased gradually according to normal sleeping temperature patterns.



Stylish Flat-Panel

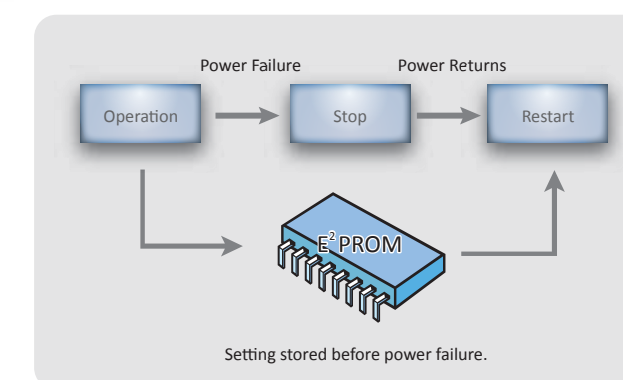
Ideal blend of style and function.

- The front panel is designed for contemporary style without compromising on function.
- Air intake area is designed to ensure smooth air flow profile for better sound quality and optimized volume.



Auto Random Restart with Last-State-Memory

In the event of a sudden power failure during operation, unit can be automatically restarted in 64 different recovery timing patterns and the unit will operate base on the previous setting (Operating Mode, Temperature Setting and Fan Speed). This ensures that air conditioners in the same building resume randomly instead of all at the same time, preventing power surges after a blackout.



Compact & Easy-to-Use Handset

- Prominent 40mm LCD display
- Real time clock display
- Dedicated buttons for Quiet and Turbo functions.

Inverter Wall Mounted Series (60Hz)



* Optional



FTK25/35JXVL



FTK50/60JXVL



RK25/35FXVL



RK50/60CXVL

- › Uniform air distribution
- › Easy maintenance
- › Stylish flat-panel
- › Turbo / Quiet mode
- › Lower sound pressure Level
- › Dry mode
- › Auto mode
- › Sleep mode
- › 5 Selectable fan speed
- › Automatic vertical swing
- › Manual horizontal swing
- › Washable saranet filter
- › Wireless handset BRC52A62 is supplied as standard

Specification for Wall Mounted - Cooling Only

Indoor Model Name		FTK25JXVL	FTK35JXVL	FTK50JXVL	FTK60JXVL
Outdoor Model Name		RK25FXVL	RK35FXVL	RK50CXVL	RK60CXVL
Nominal Cooling Capacity (min-max)	Btu/hr	8700 (4400 - 10200)	11000 (4400 - 12600)	18600 (6415 - 21155)	21200 (6824 - 22178)
	W	2550 (1300 - 3000)	3220 (1300 - 3700)	5450 (1880 - 6200)	6210 (2000 - 6500)
Nominal EER	W/W	3.49	3.07	3.73	3.30
Indoor	Power Supply	V/Ph/Hz	220/1/60	220/1/60	220/1/60
	Air Flow	CFM	378/345/272/215/165	392/358/282/232/165	578/529/471/418/374
	Sound Pressure Level	dBA	41/40/34/29/21	42/41/34/30/22	44/40/38/35/32
	Height	mm	288	288	310
	Width	mm	800	800	1065
	Depth	mm	206	206	228
	Net Weight	kg	9	9	14
	Power Supply	V/Ph/Hz	220/1/60	220/1/60	220/1/60
Outdoor	Sound Pressure Level	dBA	46	47	51
	Height	mm	550	550	753
	Width	mm	658	658	855
	Depth	mm	273	273	328
	Net Weight	kg	29	31	49
	Pipe Connection - Liquid	mm	6.35	6.35	6.35
	Pipe Connection - Gas	mm	9.52	9.52	12.70
				12.70	15.88

Inverter Wall Mounted Series (50Hz)



* Optional



FTK25/35/50/60JXV1
FTXN25/35/50/60MV1



RK25/35FXV1
RXN25/35MV1



RK50/60/CXV1
RXN50/60MV1

- › Uniform air distribution
- › Easy maintenance
- › Stylish flat-panel
- › Turbo / Quiet mode
- › Lower sound pressure level
- › Dry mode
- › Auto mode
- › Sleep mode
- › 5 Selectable fan speed
- › Automatic vertical swing
- › Manual horizontal swing
- › Washable saranet filter
- › Wireless handset BRC52A62 (C/O) or BRC52A61 (H/P) is supplied as standard.

Specification for Wall Mounted - Cooling Only

Indoor Model Name		FTK25JXV1	FTK35JXV1	FTK50JXV1	FTK60JXV1
Outdoor Model Name		RK25FXV1	RK35FXV1	RK50CXV1	RK60CXV1
Nominal Cooling Capacity (min-max)	Btu/hr	8700 (4400-10200)	11300 (4400-13000)	19300 (5600-21200)	21500 (6000-22200)
	W	2550 (1300-3000)	3320 (1300-3800)	5650 (1630-6200)	6300 (1750-6500)
Nominal EER	W/W	3.49	3.42	3.42	3.35
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	CFM	378/345/272/215/165	392/358/282/232/165	578/529/471/418/374
	Sound Pressure Level	dBA	41/40/34/29/21	42/41/34/30/22	44/40/38/35/32
	Height	mm	288	288	310
	Width	mm	800	800	1065
	Depth	mm	212	212	228
	Net Weight	kg	9	9	14
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
	Sound Pressure Level	dBA	45	46	51
	Height	mm	550	550	753
	Width	mm	658	658	855
	Depth	mm	273	273	328
	Net Weight	kg	29	31	49
	Pipe Connection - Liquid	mm	6.35	6.35	6.35
	Pipe Connectionn - Gas	mm	9.52	9.52	12.7

Specification for Wall Mounted - Cooling And Heating

Indoor Model Name		FTXN25MV1	FTXN35MV1	FTXN50MV1	FTXN60MV1
Outdoor Model Name		RXN25MV1	RXN35MV1	RXN50MV1	RXN60MV1
Nominal Cooling Capacity (min-max)	Btu/hr	8700 (4400-10200)	11300 (4400-13000)	19300 (5600-21200)	21500 (6000-22200)
	W	2550 (1300-3000)	3320 (1300-3800)	5650 (1630-6200)	6300 (1750-6500)
Nominal Heating Capacity (min-max)	Btu/hr	9700 (4400-13300)	12200 (4400-16200)	19200 (4000-22500)	21800 (4300-24200)
	W	2840 (1300-3900)	3580 (1300-4750)	5620 (1170-6600)	6400 (1250-7100)
Nominal EER	W/W	3.49	3.42	3.42	3.35
Nominal COP	W/W	4.06	3.77	3.75	3.81
Indoor	Power Supply	V/ø/Hz	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	CFM	378/345/272/215/165	392/358/282/232/165	578/529/471/418/374
	External Static Pressure	Pa	na	na	na
	Sound Pressure Level	dBA	41/40/34/29/21	42/41/34/30/22	44/40/38/35/32
	Height	mm	288	288	310
	Width	mm	800	800	1065
	Depth	mm	212	212	228
	Net Weight	kg	9	9	14
Outdoor	Power Supply	V/f/Hz	220-240/1/50	220-240/1/50	220-240/1/50
	Sound Pressure Level	dBA	45	46	51
	Height	mm	550	550	753
	Width	mm	658	658	855
	Depth	mm	289	289	328
	Net Weight	Kg	29	31	44
	Pipe Connection - Liquid	mm	6.35	6.35	6.35
	Pipe Connectionn - Gas	mm	9.52	9.52	12.70

Standard Features

COMFORT



Turbo Mode- Rapid cooling/heating with highest fan speed for immediate comfort



Quiet Mode- Effective cooling with lower noise level



Dry Mode- Keeping the room dehumidified, while maintaining room temperature



Auto Mode- Auto switching between cooling and heating mode depending on room and set temperature



Sleep Mode

AIR FLOW



Selectable Fan Speed- Different fan speed is available for comfort selection



Belt Driven Evaporator Motor



Variable Pitch Pulley Drive Package



Automatic Vertical Swing- Automatic movement of air discharge louver for uniform air distribution



Manual Horizontal Air Flow- Adjustable horizontal discharge grille for desired air flow direction



4 Way Air Discharge

IAQ



Washable Saranet Filter- Removal of airborne dust particles through saranet filter ensures cleaner air supply



Titanium Apatite Photocatalytic Air-Purifying Filter



Bio Antibody Filter



Ionizer

FIN TYPE



Bare Aluminium Fin



Anti Corrosion Hydrophilic Gold Fin

The outdoor models in the catalog comes with bare / blue fin condenser. For gold fin outdoor models, specification remains the same with the below model name change : eg :

RYN25CXV1 to RYN25CGXV1 "G" comes after the series name of the outdoor.

CONTROLLER



With Wireless Remote Controller



With Wired Remote Controller

POWER SUPPLY



Power from Indoor



Power from Outdoor