DAIKIN

Perfecting the Air

Eco King Series

D-Smart King



NEW MODEL OF THE ECOKING SERIES

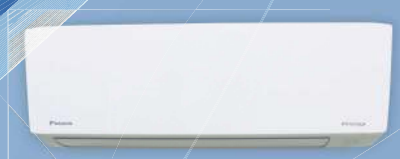
FTKZ-WVM

Upgraded Features

- STREAMER — Streamer Technology
- Wi-Fi — Wi-Fi Capability

Main Features

- COANDA — Delivers air much further
- HYBRID COOLING — Controls humidity & temperature efficiently



FTKC-AVA



FTKQ-TVM

WORLD'S No.1 AIRCONDITIONING COMPANY

Japan Quality

1 YEAR WARRANTY PARTS & LABOR

3 YEARS WARRANTY PRINTED CIRCUIT BOARD

5 YEARS WARRANTY COMPRESSOR

CSPF More stars mean more savings!

ALL VOLTAGE GUARD SUPER PCB

DAIKIN

Eco King

R32 INVERTER

CSPF
More stars mean more savings!

3 YEARS WARRANTY
PRINTED CIRCUIT BOARD
*on outdoor unit

ALL VOLTAGE GUARD
SUPER PCB

D-Smart King

PREMIUM EFFICIENCY MODEL



FTKZ-WVM

STREAMER
Streamer Technology decomposes Virus & Bacteria up to 99.8%

Wi-Fi
Built-in Wi-Fi Control

HYBRID COOLING
Controls humidity & temperature efficiently

ECONO MODE
Energy Saving Mode

MOLD-PROOF OPERATION
Removes mold & moisture inside the unit

ALL VOLTAGE GUARD
Protects from Low & High Voltage

COANDA
Delivers the airflow much farther

FTKZ25WVM FTKZ35WVM FTKZ50WVM FTKZ60WVM FTKZ71WVM

D-Smart King Specifications

Model Name			Indoor Unit	FTKZ25WVM	FTKZ35WVM	FTKZ50WVM	FTKZ60WVM	FTKZ71WVM
			Outdoor Unit	RKZ25WVM	RKZ35WVM	RKZ50WVM	RKZ60WVM	RKZ71WVM
Capacity Indication			HP	1.0	1.5	2.0	2.5	3.0
Rated Cooling Capacity (Min. ~ Max.)/Half			Btu/hr	8,500 (4,100 - 12,300) / 4,300	11,900 (4,100 - 14,000) / 6,000	17,100 (4,100 - 21,200) / 8,900	20,500 (4,100 - 24,200) / 10,200	24,200 (4,100 - 25,900) / 12,100
			kW	2.5 (1.2 - 3.6) / 1,250	3.5 (1.2 - 4.1) / 1,750	5.2 (1.2 - 6.2) / 2,600	6.0 (1.2 - 7.1) / 3,000	7.1 (1.2 - 7.6) / 3,550
Power Supply			Ph/V/Hz	1 Phase / 220-230V / 60 Hz				
Rated Power Consumption (Min. ~ Max.)/Half			Watts	455	790	1,320	1,600	2,140
COP			W/W	5.49	4.43	3.94	3.75	3.32
CSPF Energy Star Level				7.24 / ★★★★★	6.68 / ★★★★★	6.69 / ★★★★★	6.45 / ★★★★★	5.98 / ★★★★★
INDOOR	Air Flow Rate (H/M/L/SL)		m^3/min (CFM)	14.6 (516) / 11.0 (388) / 7.0 (247) / 4.9 (173)	15.2 (537) / 12.3 (434) / 7.9 (279) / 5.6 (198)	18.0 (636) / 14.6 (516) / 12.0 (424) / 9.6 (339)	22.1 (780) / 17.0 (600) / 12.9 (455) / 10.1 (357)	22.1 (780) / 17.0 (600) / 12.9 (455) / 10.1 (357)
	Sound Pressure Level (H/M/L/SL)		dB(A)	42/33/26/19	43/35/28/19	45/40/35/29	48/42/37/29	49/42/37/30
	Dimension (H x W x D)		mm	300 x 920 x 240		300 x 1100 x 240		
	Weight (mass)		kg	13		15		
OUTDOOR	Refrigerant	Charge	kg	0.77		0.60		
	Sound Pressure Level (H/SL)		dB(A)	46/43	47/44	48/44	49/45	52/49
	Dimension (H x W x D)		mm	550 x 675 x 284		595 x 845 x 300		
	Weight (mass)		kg	27		34	36	
Pipe Connection	Liquid		mm	Φ6.4				
	Gas		mm	Φ9.5		Φ12.7		
	Drain		mm	Φ16.0				
Maximum Piping Length			m	20		30		
Maximum Piping Elevation			m	15		20		

Measurement Conditions
1. Cooling capacity is based on: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 7.5 m.
2. Sound pressure levels are measured in an anechoic chamber based on temperature condition 1 above. These values are normally somewhat higher during actual operation as a result of ambient conditions.

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Eco King

R32 INVERTER

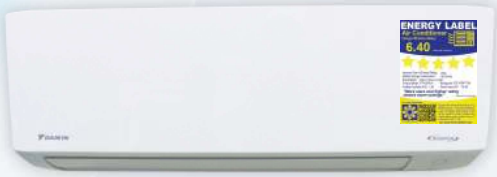
CSPF More stars mean more savings!

3 YEARS WARRANTY PRINTED CIRCUIT BOARD

ALL VOLTAGE GUARD SUPER PCB

D-Smart Queen

HIGH EFFICIENCY MODEL



FTKC-AVA

GIN-ION BLUE FILTER
Decomposes Viruses & Bacteria

BREEZE MODE
Simulates Natural Air

3D
3D AIRFLOW
Swings Vertical & Horizontal Airflow

ECO+
Energy Saving Mode

ANTI CORROSION TREATMENT
Rust-Free Outdoor Unit

ALL VOLTAGE GUARD
Protects from Low & High Voltage

FTKC25AVA	FTKC35AVA	FTKC50AVA	FTKC60AVA	FTKC71AVA

D-Smart Queen Specifications

Model Name		Indoor Unit	FTKC25AVA	FTKC35AVA	FTKC50AVA	FTKC60AVA	FTKC71AVA
		Outdoor Unit	RKC25AVA	RKC35AVA	RKC50AVA	RKC60AVA	RKC71AVA
Capacity Indication		HP	1.0	1.5	2.0	2.5	3.0
Rated Cooling Capacity (Min. ~ Max.)		Btu/hr	9,700 (3,700 - 11,600)	12,100 (4,000 - 13,000)	19,000 (6,000 - 21,200)	22,500 (6,600 - 24,500)	24,000 (6,600 - 24,500)
		kW	2.84 (1.08 - 3.40)	3.55 (1.17 - 3.81)	5.57 (1.76 - 6.21)	6.59 (1.93 - 7.18)	7.03 (1.93 - 7.18)
Power Supply		Ph/V/Hz	1 Phase / 220-240V / 60 Hz				
Rated Power Consumption (Min. ~ Max.)		Watts	730 (260 - 1,200)	940 (2801 - 1250)	1,570 (420 - 2200)	1,835 (380 - 2300)	1,965 (380 - 2300)
COP		W/W	3.89	3.77	3.55	3.59	3.58
CSPF Energy Star Level			6.40 / ★★★★★	6.31 / ★★★★★	5.60 / ★★★★★	6.30 / ★★★★★	6.00 / ★★★★★
INDOOR	Air Flow Rate (T/H/M/L/Q)	CFM	410/380/310/230/190	420/400/330/250/200	450/430/360/290/260	720/640/560/480/360	
	Sound Pressure Level (H/M/L/Q)	dB(A)	39/34/27/20	40/35/28/22	42/38/32/30	43/41/36/30	43/41/36/30
	Dimension (H x W x D)	mm	288 x 770 x 234			297 x 990 x 273	
	Weight (mass)	kg	9		9.5	13	
OUTDOOR	Refrigerant Charge	kg	0.50	0.75	0.98	1.05	
	Sound Pressure Level (H/SL)	dB(A)	45	46	49	52	
	Dimension (H x W x D)	mm	550 x 658 x 273		615 x 845 x 300		
	Weight (mass)	kg	24	26	37		
Pipe Connection	Liquid	mm	Φ6.4				
	Gas	mm	Φ9.5		Φ12.7		
Maximum Piping Length		m	20		30		
Maximum Piping Elevation		m	15		20		

Measurement Conditions
1. Cooling capacity is based on: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 7.5 m.
2. Sound pressure levels are measured in an anechoic chamber based on temperature condition 1 above. These values are normally somewhat higher during actual operation as a result of ambient conditions.

DAIKIN

Eco King

R32 INVERTER

CSPF More stars mean more savings!

3 YEARS WARRANTY PRINTED CIRCUIT BOARD

ALL VOLTAGE GUARD SUPER PCB

D-Smart

STANDARD EFFICIENCY MODEL



FTKQ-TVM

- Odor Removal & Mold-proof Air Filter
- Comfortable Airflow
- ALL VOLTAGE GUARD Protects from Low & High Voltage
- ECONO MODE Energy Saving Mode
- Quiet Cool
- ANTI CORROSION TREATMENT Rust-Free Outdoor Unit

FTKQ20TVM FTKQ25TVM FTKQ35TVM FTKQ50TVM FTKQ60TVM

D-Smart Specifications

Model Name		Indoor Unit	FTKQ20TVM	FTKC25TVM	FTKC35TVM	FTKC50TVM	FTKC60TVM
		Outdoor Unit	RKC20TVM	RKC25TVM	RKC35TVM	RKC50TVM	RKC60TVM
Capacity Indication		HP	0.8	1.0	1.5	2.0	2.5
Rated Cooling Capacity (Min. ~ Max.) / Middle		Btu/hr	6,800 (3,400 - 8,200) / 3,400	9,000 (3,400 - 9,900) / 4,500	11,900 (4,400 - 13,000) / 6,000	17,100 (4,800 - 18,400) / 8,500	20,500 (5,800 - 20,500) / 10,200
		kW	2.0 (1.0 - 2.4) / 1.0	2.65 (1.0 - 2.9) / 1.325	3.5 (1.3 - 3.8) / 1.75	5.0 (1.4 - 5.4) / 2.5	6.0 (1.7 - 6.0) / 3.0
Power Supply		Ph/V/Hz	1 Phase / 220-240V / 60 Hz				
Rated Power Consumption (Min. ~ Max.) / Middle		Watts	510 (220-650)	810 (220-990)	1,200 (250-1,460)	1,730 (355-2,070)	2,210 (370-2,510)
COP		W/W	3.92	3.27	2.92	2.89	2.71
CSPF Energy Star Level			5.20 / ★★★★★	5.16 / ★★★★★	5.13 / ★★★★★	4.50 / ★★★★★	4.78 / ★★★★★
INDOOR	Air Flow Rate (H/M/L/SL)	m^3/min (CFM)	9.4 (330)		9.6 (339)	12.7 (448)	13.2 (466)
	Sound Pressure Level (H/M/L/SL)	dB(A)	36/32/27/23		37/33/28/24	44/40/35/29	45/42/37/31
	Dimension (H x W x D)	mm	285 x 770 x 223				
	Weight (mass)	kg	8				
OUTDOOR	Refrigerant Charge	kg	0.50		0.65	0.8	0.85
	Sound Pressure Level (H)	dB(A)	49			51	52
	Dimension (H x W x D)	mm	418 x 695 x 244		550 x 658 x 275	595 x 845 x 300	
	Weight (mass)	kg	21		26	36	40
Pipe Connection	Liquid	mm	Φ6.35				
	Gas	mm	Φ9.52			Φ12.7	
	Drain	mm	Φ16.0				
Maximum Piping Length		m	15			30	
Maximum Piping Elevation		m	12			20	

Measurement Conditions
1. Cooling capacity is based on: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 7.5 m.
2. Sound pressure levels are measured in an anechoic chamber based on temperature condition 1 above. These values are normally somewhat higher during actual operation as a result of ambient conditions.

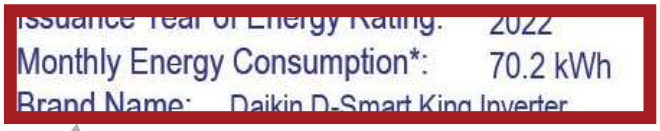
DAIKIN
Perfecting the Air

"HOW MUCH AM I REALLY SAVING FROM THIS?"

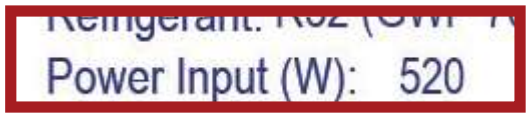
step 01

Check the energy consumption on your CSPF labels.





step 02



Multiply it with the power rates for the monthly consumption.

step 03

Get the difference between the SRP and the consumption.



step 04

$$\frac{\text{Difference in SRP}}{\text{Difference in consumption}} = \textbf{Return of Investment} \text{ in months}$$



REFER TO QR CODES AT THE PRODUCT PAGES PER MODEL FOR COMPARISON.



Function List

	Indoor Unit	HP	D-SMART KING PREMIUM EFFICIENCY FTKZ-WVM 1.0/1.5	D-SMART KING PREMIUM EFFICIENCY FTKZ-WVM 2.0/2.5/3.0	D-SMART QUEEN HIGH EFFICIENCY FTKC-AVA 0.8/1.0/1.5	D-SMART QUEEN HIGH EFFICIENCY FTKC-AVA 2.0/2.5/3.0	D-SMART STANDARD EFFICIENCY FTKQ-TVM 0.8/1.0/1.5/2.0/2.5
Comfortable Airflow	Streamer Technology		●	●			
	DC Inverter Control		●	●	●	●	●
	HYBRID COOLING (dehumidifier)		●	●			
	COANDA (delivers air much farther)		●	●			
	Power Airflow Flap		●		●		●
	Power Airflow Dual Flaps			●		●	
	Wide Angle Louvers		●	●	●	●	●
	Vertical Auto-Swing (up & down)		●	●	●	●	●
	Horizontal Auto-Swing (left & right)		●	●	●	●	
	3D Airflow (vertical & horizontal auto-swing)		●	●	●	●	
Comfort Control	Comfort Airflow Mode (prevents direct blow to the body)		●	●	●	●	●
	Indoor Unit Quiet Operation		●	●	●	●	●
	Auto Fan Speed		●	●	●	●	●
	Intelligent Eye (saves energy by detecting human presence)		●	●			
	Two-Area Intelligent Eye (direct airflow toward or away from the person)		●				
	Fan Only		●	●	●	●	●
Lifestyle Convenience	Programme Dry Function				●	●	●
	Standby Electricity Saving		●	●	●	●	●
	Econo Mode		●	●	●	●	●
	Inverter Powerful Operation		●	●	●	●	●
	Indoor Unit On / Off Switch		●	●	●	●	●
	Wireless Remote Controller (with Backlight)		●	●	●	●	
	Wireless Remote Controller (with Luminous Button)						●
	Wi-Fi Capability		●	●			Optional
Cleanliness	Gin-ION Blue Filter				●	●	
	Enzyme Blue Deodorizing Filter	Accessory	●	●	●	●	Optional
	Dust Collection Filter (PM 2.5)	Accessory	Optional	Optional	Optional	Optional	Optional
	Mold-Proof Air Filter		●	●	●	●	●
	Mold-Proof Operation		●	●			
	Odor Removal		●	●	●	●	●
	Wipe-Clean Flat Panel		●	●	●	●	●
	Removable Drain Pan		●	●	●	●	●
Timers	24 Hour On / Off Timer		●	●	●	●	
	Count Up-Down On / Off Timer		●	●			●
	Weekly Timer		●	●			
	Night Set Mode		●	●			●
Worry Free	Auto-Restart after Power Failure		●	●	●	●	●
	Self-Diagnosis with Remote Controller		●	●	●	●	●
	Outdoor Unit						
Comfort Control	Outdoor Unit Quiet Operation (protects your aircon from voltage fluctuations)		●	●	●	●	
Worry Free	All Voltage Guard - Super PCB		●	●	●	●	●
	Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins		●	●	●	●	●

PHILIPPINE GREEN BUILDING COUNCIL SUSTAINING MEMBER

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Daikin Philippines

Authorized Dealer Locator

- Specifications, designs, and other content appearing in this brochure are current as of July 2022. Subject to change without prior notice.
- 1 year warranty for parts and labor | 3 years warranty for PCB | 5 years warranty for compressor only (Labor and Consumables are chargeable after 1 year).

DPH-RA-072022I