DAIKIN

Perfecting the Air

Eco King Series

R32 INVERTER



New model of the Eco King Inverter Series

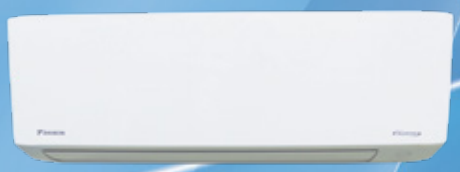
D-Smart King FTKZ-WVM

Upgraded Features

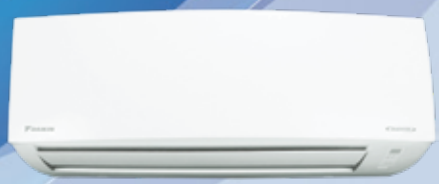
- STREAMER — Streamer Technology
- Wi-Fi — Wi-Fi Capability

Main Features

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



D-Smart Queen
FTKC-AVA



D-Smart
FTKQ-BVA

Japan Quality

1 YEAR WARRANTY PARTS & LABOR

3 YEARS WARRANTY OUTDOOR PRINTED CIRCUIT BOARD

5 YEARS WARRANTY COMPRESSOR

CSPF More stars mean more savings!

ALL VOLTAGE GUARD SUPER PCB

Eco King

R32 INVERTER | CSPF More stars mean more savings! | 3 YEARS WARRANTY OUTDOOR PRINTED CIRCUIT BOARD | ALL VOLTAGE GUARD SUPER PCB

D-Smart King

PREMIUM EFFICIENCY MODEL



FTKZ-WVM

- STREAMER — Streamer technology inactivates virus & bacteria up to 99.9%
- Wi-Fi — Built-in Wi-Fi control
- HYBRID COOLING — Automatically controls humidity & temperature
- ECONO MODE — Energy saving mode
- MOLD-PROOF OPERATION — Prevents mold & moisture inside the unit
- ALL VOLTAGE GUARD — Low & high voltage protection
- COANDA SERIES — Delivers the airflow much further

SCAN THIS CSPF QR CODE TO KNOW HOW EFFICIENT YOUR UNIT IS:

FTKZ25WVM | FTKZ35WVM | FTKZ50WVM | FTKZ60WVM | FTKZ71WVM

D-Smart King Series

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.)		kW	2.5 (1.2 - 3.6)	3.5 (1.2 - 4.1)	5.2 (1.2 - 6.2)	6.0 (1.2 - 7.1)	7.1 (1.2 - 7.6)
		Btu / h	8,500 (4,100 - 12,300)	11,900 (4,100 - 14,000)	17,700 (4,100 - 21,200)	20,500 (4,100 - 24,200)	24,200 (4,100 - 25,900)
Rated Power Consumption (Min. ~ Max.)		kW	0.455 (0.16 - 0.89)	0.79 (0.16 - 1.12)	1.32 (0.185 - 2.0)	1.60 (0.22 - 2.14)	2.14 (0.22 - 2.80)
COP		W / W	5.49	4.43	3.94	3.75	3.32
CSPF		Wh / Wh	7.24	6.68	6.69	6.45	5.98
DOE Star Rating		★	5★	5★	5★	5★	5★
Running Current (Rated)		A	2.3	3.9	6.4	7.7	10.3
Power Supply		Φ / V / H	1Φ / 220V / 60Hz				
INDOOR	Front Panel Color	-	Two Tone White, Light Gray				
	Airflow Rate (H/M/L/Q)	CFM	516 / 388 / 247 / 173	537 / 434 / 279 / 198	636 / 516 / 424 / 339	780 / 600 / 455 / 357	780 / 600 / 455 / 357
	Sound Level (H/M/L/Q)	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	13.0		15.0		
OUTDOOR	Casing Color	-	Ivory White				
	Compressor	-	Hermetically Sealed Swing Type				
	Sound Level (H)	dB(A)	46.0	47.0	48.0	49.0	52.0
	Dimension (H x W x D)	mm	550 x 675 x 284		595 x 845 x 300		
	Weight (mass)	kg	27.0		34.0	36.0	
Refrigerant	Type	-	R32				
	Charge	kg	0.77		0.6		
Connecting Pipes	Liquid Pipe	mm	Ø 6.4				
	Gas Pipe	mm	Ø 9.5		Ø 12.7		
	Drain	mm	Ø 16				
Max. Interunit Piping Length		m	20.0		30.0		
Min. Circuit Amps		A	6.8		11.5	12	12
Max. Fuse Amps		A	15				

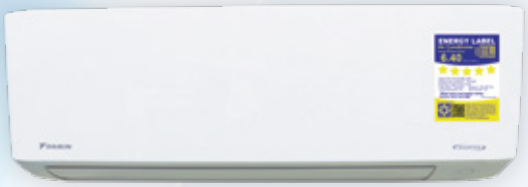
MEASUREMENT CONDITIONS:
1. Cooling capacity is based on: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 7.5 m.
2. Sound pressure levels are measured in an anechoic chamber based on temperature condition 1 above. These values are normally somewhat higher during actual operation as a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

Eco King

R32 INVERTER | CSPF More stars mean more savings! | 3 YEARS WARRANTY OUTDOOR PRINTED CIRCUIT BOARD | ALL VOLTAGE GUARD SUPER PCB

D-Smart Queen

HIGH EFFICIENCY MODEL



FTKC-AVA

- **GIN-ION BLUE FILTER** — Decomposes virus & bacteria
- **BREEZE MODE** — Simulates natural air
- **3D AIRFLOW** — Vertical and horizontal airflow
- **ECONO MODE** — Energy saving mode
- **ANTI CORROSION TREATMENT** — Coated heat exchanger
- **ALL VOLTAGE GUARD** — Low & high voltage protection

SCAN THIS CSPF QR CODE TO KNOW HOW EFFICIENT YOUR UNIT IS:

FTKC25AVA | FTKC35AVA | FTKC50AVA | FTKC60AVA | FTKC71AVA

D-Smart Queen Series

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.)		kW	2.84 (1.08 - 3.4)	3.55 (1.17 - 3.81)	5.57 (1.76 - 6.21)	6.59 (1.93 - 7.18)	7.03 (1.93 - 7.18)
		Btu / h	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)
Rated Power Consumption (Min. ~ Max.)		kW	0.730 (0.26 - 1.20)	0.940 (0.28 - 1.25)	1.57 (0.42 - 2.20)	1.835 (0.38 - 2.30)	1.965 (0.38 - 2.30)
COP		W/W	3.89	3.77	3.55	3.59	3.58
CSPF		Wh/Wh	6.40	6.31	5.60	6.30	6.00
DOE Star Rating		★	5★	5★	5★	5★	5★
Running Current Rated		A	3.53	4.3	6.9	8.05	8.61
Power Supply		Φ / V / H	1Φ / 220V / 60Hz				
INDOOR	Front Panel Color	-	White				
	Airflow Rate (H/M/L/Q)	CFM	380 / 310 / 230 / 190	400 / 330 / 250 / 200	430 / 360 / 290 / 260	640 / 560 / 480 / 360	640 / 560 / 480 / 360
	Sound 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	9.0		9.5	13.0	
OUTDOOR	Casing Color	-	Ivory White				
	Compressor	-	Hermetically Sealed Swing Type				
	Sound Level (H)	dB(A)	45.0	46.0	48.0	52.0	
	Dimension (H x W x D)	mm	550 x 658 x 273		615 x 845 x 300		
	Weight (mass)	kg	24.0	26.0	37.0		
Refrigerant	Type	-	R32				
	Charge	kg	0.5	0.75	0.98	1.05	
Connecting Pipes	Liquid Pipe	mm	Ø 6.4				
	Gas Pipe	mm	Ø 9.5		Ø 12.7		
	Drain	mm	Ø 19.05				
Max. Interunit Piping Length		m	20.0		30.0		
Min. Circuit Amps		A	6.14	6.66	10.2	10.3	
Max. Fuse Amps		A	16		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.

Eco King

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D-Smart

STANDARD EFFICIENCY MODEL



FTKQ-BVA

ECONO MODE
Energy saving mode

Quiet cool

ALL VOLTAGE GUARD
Protects from Low & High Voltage

Wired remote control (OPTIONAL)

intelligent Manager iTM
iTM Connection (OPTIONAL)

ANTI CORROSION TREATMENT
Coated heat Exchanger

SCAN THIS CSPF QR CODE TO KNOW HOW EFFICIENT YOUR UNIT IS:

FTKQ20BVA **FTKQ25BVA** **FTKQ35BVA** **FTKQ50BVA** **FTKQ60BVA** **FTKQ71BVA**

D-Smart Series

Model Name	Indoor Unit		FTKQ20BVA	FTKQ25BVA	FTKQ35BVA	FTKQ50BVA	FTKQ60BVA	FTKQ71BVA
	Outdoor Unit		RKQ20BVA	RKQ25BVA	RKQ35BVA	RKQ50BVA	RKQ60BVA	RKQ71BVA
Capacity Indication		HP	0.8	1.0	1.5	2.0	2.5	3.0
Rated Cooling Capacity (Min. ~ Max.)		kW	1.99 (1.00 - 2.40)	2.64 (1.00 - 2.70)	3.60 (1.20 - 3.81)	5.28 (1.52 - 5.42)	6.59 (1.93 - 7.18)	7.03 (1.93 - 7.18)
		Btu / h	6,800 (3,400 - 8,200)	9,000 (3,400 - 9,200)	12,300 (4,100 - 13,000)	18,000 (5,200 - 18,500)	22,500 (6,600 - 24,500)	24,000 (6,600 - 24,500)
Rated Power Consumption		kW	0.650	0.860	1.175	1.880	1.835	1.965
COP		W / W	3.07			2.81	3.59	3.58
CSPF		Wh / Wh	4.60			5.02	6.10	5.75
DOE Star Rating		☆	5★	5★	5★	5★	5★	5★
Running Current (Rated)		A	3.69	3.89	5.28	8.25	8.05	8.61
Power Supply		Φ / V / H	1Φ / 220V / 60Hz					
INDOOR	Front Panel Color	-	White					
	Airflow Rate (H/M/L/Q)	CFM	340 / 260 / 205 / 150		400 / 330 / 250 / 200	430 / 380 / 290 / 260	640 / 560 / 480 / 360	
	Sound Level (H/M/L/Q)	dB(A)	39 / 33 / 26 / 21			89.0	43 / 41 / 36 / 30	
	Dimension (H x W x D)	mm	280 x 730 x 219		288 x 770 x 246		297 x 990 x 288	
	Weight (mass)	kg	8.5		9.0	9.5	13.0	
OUTDOOR	Casing Color	-	Ivory White					
	Compressor	-	Hermetically Sealed Rotary Type			Hermetically Sealed Swing Type		
	Sound Level (H)	dB(A)	48.0			52.0		
	Dimension (H x W x D)	mm	418 x 695 x 244		550 x 675 x 284	615 x 845 x 300		
	Weight (mass)	kg	18.0		21.0	33.0	37.0	
Refrigerant	Type	-	R32					
	Charge	kg	0.4		0.45	0.65	1.05	
Connecting Pipes	Liquid Pipe	mm	Ø 6.4					
	Gas Pipe	mm	Ø 9.5			Ø 12.7		
	Drain	mm	Ø 19.05					
Max. Interunit Piping Length		m	20.0			30.0		
Min. Circuit Amps		A	10.6			12.6	12.8	
Max. Fuse Amps		A	16			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.

"HOW MUCH AM I REALLY SAVING FROM THIS?"

step 01

Check the energy consumption on your CSPF labels.

FTKZ CSPF LABEL



Monthly Energy Consumption*: 61.43 kWh

step 02

SAMPLE COMPUTATION:
Based on FTKZ25WVM (1HP) Inverter

monthly consumption x power rate*

61.43 kWh x P11.43/kw
= P 702.14/month

*based on Meralco rates as of March 2023

Multiply it with the power rates for the monthly consumption.

step 03

Get the difference between the SRP and the consumption.

(1HP comparison)

FTKZ (Inverter)		FTN (Non-Inverter)
SRP: ₱ 56,800.00 ₱ 702.14/month	**vs.**	SRP: ₱ 28,400.00 ₱ 2,086.20/month

*based on May 1, 2023 Daikin Pricelist

SRP: ₱ 56,800.00 (FTKZ) - ₱ 28,400.00 (FTN) = ₱ 28,400.00

CONSUMPTION RATE: ₱ 2,086.20 (FTN) - ₱ 702.14 (FTKZ) = ₱ 1,384.06/month

step 04

$$\frac{\text{Difference in SRP}}{\text{Difference in consumption}} = \frac{₱28,400.00}{₱1,384.06}$$

= 21 MONTHS!

Return of Investment in months



*Computation is based on FTKZ & FTN energy consumption

FUNCTION LIST

	SERIES	FTKZ25/35WVM	FTKZ50/60/71WVM	FTKC25/35AVA	FTKC50AVA	FTKC60/71AVA	FTKQ20/25/35BVA	FTKQ50BVA	FTKQ60/71BVA
COMFORTABLE AIRFLOW	Inverter	●	●	●	●	●	●	●	●
	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 Airflow Mode (prevents direct blow to the body) COANDA (delivers air much farther)	●	●						
COMFORT CONTROL	Auto Fan Speed	●	●	●	●	●	●	●	●
	Indoor Unit Quiet Operation	●	●	●	●	●	●	●	●
	Outdoor Unit Quiet Operation	●	●						
	Intelligent Eye (saves energy by detecting human presence)	●	●						
	Two-Area Intelligent Eye (direct airflow toward or away from the person)	●							
OPERATION	HYBRID COOLING (dehumidifier)	●	●						
	Programme Dry Function			●	●	●	●	●	●
	Fan Operation	●	●	●	●	●	●	●	●
LIFESTYLE CONVENIENCE	Inverter Powerful Operation	●	●	●	●	●	●	●	●
	Econo Mode	●	●	●	●	●	●	●	●
	Indoor Unit On / Off Switch	●	●	●	●	●	●	●	●
	Wireless Remote Controller (with Backlight)	●	●						
	Wired Remote Controller (with Backlight)						○	○	○
HEALTH AND CLEANLINESS	Streamer Technology	●	●						
	Titanium Apatite Deoderizing Filter	○	○	○	○	○			
	Anti-virus Gin-Ion Filter			●	●	●	●	●	●
	Air Quality Filter (PM 2.5)	○	○	○	○	○	○	○	○
	Deodorizing Enzyme Blue Filter	●	●	○	○	○	○	○	○
	Saranet Filter (Prefilter)	●	●						
	Wipe-clean panel	●	●	●	●	●	●	●	●
	Mold-Proof Operation	●	●						
	Removable Drain Pan	●	●	●	●	●	●	●	●
TIMER	Weekly Timer	●	●				○ SHIRO	○ SHIRO	○ SHIRO
	24 Hour On / Off Timer	●	●	●	●	●	●	●	●
	Count Up-Down On / Off Timer	●	●						
	Night Set Mode/Sleep Mode	●	●	●	●	●	●	●	●
WORRY FREE (Reliability & Durability)	Auto-Restart after Power Failure	●	●	●	●	●	●	●	●
	Self-Diagnosis with Remote Controller	●	●	●	●	●	●	●	●
	Anti-corrosion Treatment of OD HEX fin	●	●	●	●	●	●	●	●
	All Voltage Guard - Super PCB (protects your aircon from voltage fluctuations)	●	●	●	●	●	●	●	●
REMOTE CONTROLLER	Wireless	●	●	●	●	●	●	●	●
	Wired						○ SHIRO	○ SHIRO	○ SHIRO
REMOTE CONTROL	Wireless LAN Adaptor (built-in)	●	●						
	HA and DIII-NET Application	○	○						
	ITM Connection	○	○				○	○	○

LEGENDS:

● Featured Functions ● Available Functions ○ Optional Accessory

DAIKIN AIRCONDITIONING PHILIPPINES INC.

18th Floor Exxa Tower, Bridgetowne, C5 Road, Brgy. Ugong Norte, Quezon City, Metro Manila, Philippines

#DAIKIN Cool Line: #324546

Social Media Hashtag: #DaikinPH

PHILIPPINE GREEN BUILDING COUNCIL SUSTAINING MEMBER

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assd_cs@daikin.com.ph

Daikin Philippines

daikinph

Authorized Dealer Locator

• Specifications, designs, and other content appearing in this brochure are current as of May 2023. Subject to change without prior notice.

• 1 year warranty for parts and labor | 3 years warranty for outdoor PCB | 5 years warranty for compressor only (Labor and Consumables are chargeable after 1 year).

DPH-RA-042023