

**DAIKIN**  
Perfecting the Air

**Eco King Series**

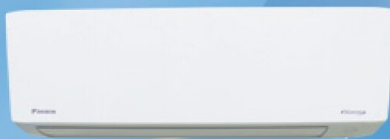


New model of the Eco King Inverter Series  
**D-Smart King FTKZ-WVM**

**Upgraded Features**



**Main Features**



**D-Smart Queen**  
FTKC-AVA



**D-Smart**  
FTKQ-BVA



**ALL VOLTAGE  
GUARD  
SUPER PCB**

# Eco King



## D-Smart King PREMIUM EFFICIENCY MODEL



FTKZ-WVM



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	
Refrigerant	Type	R32					
	Charge	kg	0.77		0.6		
Connecting Pipes	Liquid Pipe	mm					
	Gas Pipe	mm	Ø 9.5		Ø 6.4		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.

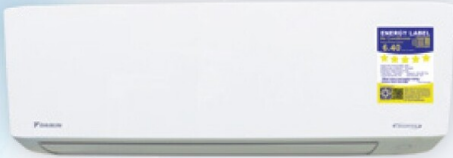


# Eco King



## D-Smart Queen

HIGH EFFICIENCY MODEL



FTKC-AVA



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					
	Gas Pipe	mm	Ø 9.5		Ø 6.4		
	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



## D-Smart STANDARD EFFICIENCY MODEL



FTKQ-BVA



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	
	Liquid Pipe	mm	Ø 6.4					
Connecting Pipes	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.