EWA(Y)K-CZ

R-290

Air-to-Water
Inverter Chiller & Heat Pump

Daikin **Safety** Shield

- Two refrigerant leak detectors
- Compressor box & electrical panel extraction fans
- A siren for alert in case of refrigerant leakage
- All safety components on a separate power supply

The Small Inverter is **always ready from stock**, ensuring **ultra-fast deliveries** and **maximum flexibility** for customers

EWA(Y)K-CZ

R-290

High temperature & natural solution

Large operating range

Up to 75°C, making it an ideal boiler-replacement solution in many applications

	Min.	Max.
Heating water	**20°C**	**75°C**
Chilled water	**-15°C**	**20°C**
Outdoor ambient temperature	**-20°C** in Heating Mode	**46°C** in Cooling Mode

Applications

- Comfort heating and cooling for office and light commercial
- High temperature heating for radiators in residential application
- Domestic hot water for hotel and sport centers
- Process applications in industrial applications

EWAK~CZ N / P			020CZN / PA1	025CZN / PA1	030CZN / PA1	040CZN / PA1	050CZN / PA2	060CZN / PA2	070CZN / PA2	085CZN / PA2
Cooling	Cooling capacity*	kW	17.60 / 17.81	21.07 / 21.33	24.61 / 24.88	34.73 / 35.06	43.97 / 44.29	51.41 / 51.83	60.23 / 60.76	71.38 / 72.43
	Capacity control		Inverter Controlled							
	Power input	kW	5.10 / 5.05	6.43 / 6.37	8.10 / 8.03	10.98 / 10.88	12.92 / 12.77	16.39 / 16.21	20.08 / 20.07	23.49 / 23.56
	EER		3.45 / 3.52	3.28 / 3.35	3.04 / 3.10	3.16 / 3.22	3.40 / 3.47	3.14 / 3.20	3.00 / 3.03	3.04 / 3.07
	SEER		5.10 / 5.37	5.15 / 5.41	5.00 / 5.25	5.57 / 5.8	5.29 / 5.54	5.00 / 5.21	5.09 / 5.33	5.32 / 5.48
Heat exchanger	Air		Al Fins & Cu Tubes							
	Water		Brazed Plate							
Fan	Type		Axial							
	Quantity		1			2			3	4
Sound Power level		dB(A)	84			85	87	88		89
Dimensions	H x W x L	mm	1878 x 1259 x 812			1878 x 1757 x 812	1878 x 2516 x 816		1878 x 3016 x 816	1878 x 3516 x 816
Compressor	Type		Inverter Scroll with Vapour Injection							
	Quantity		1				2			
	Economiser		1				2			
	Refrigerant charge	kg	2.65			2.8	5.3		5.45	5.6

EWYK~CZ N / P			020CZN / PA1	025CZN / PA1	030CZN / PA1	040CZN / PA1	050CZN / PA2	060CZN / PA2	070CZN / PA2	085CZN / PA2
Cooling	Cooling capacity*	kW	17.60 / 17.81	21.07 / 21.33	24.61 / 24.88	34.73 / 35.06	43.97 / 44.29	51.41 / 51.83	60.23 / 60.76	71.38 / 72.43
	Capacity control		Inverter Controlled							
	Power input	kW	5.10 / 5.05	6.43 / 6.37	8.10 / 8.03	10.98 / 10.88	12.92 / 12.77	16.39 / 16.21	20.08 / 20.07	23.49 / 23.56
	EER		3.45 / 3.52	3.28 / 3.35	3.04 / 3.10	3.16 / 3.22	3.40 / 3.47	3.14 / 3.20	3.00 / 3.03	3.04 / 3.07
	SEER		5.10 / 5.37	5.15 / 5.41	5.00 / 5.25	5.57 / 5.8	5.29 / 5.54	5.00 / 5.21	5.09 / 5.33	5.32 / 5.48
Heating	Heating capacity*	kW	20.15 / 19.88	24.79 / 24.51	30.50 / 30.21	39.92 / 39.55	49.66 / 49.25	59.13 / 58.67	71.02 / 70.39	83.25 / 82.63
	Power input	kW	5.15 / 5.09	6.46 / 6.40	8.26 / 8.22	11.05 /10.92	13.29 / 13.10	16.19 / 16.00	20.65 / 20.55	23.99 / 23.95
	COP		3.92 / 3.91	3.84 / 3.83	3.69 / 3.68	3.61 / 3.62	3.74 / 3.76	3.65 / 3.67	3.44 / 3.43	3.47 / 3.45
	SCOP MT 55°C		3.42 / 3.50	3.49 / 3.56	3.45 / 3.51	3.56 / 3.61	3.41 / 3.50	3.39 / 3.45	3.47 / 3.50	3.52 / 3.55
	SCOP LT 35°C		4.58 / 4.75	4.65 / 4.82	4.53 / 4.68	4.61 / 4.74	4.47 / 4.62	4.38 / 4.52	4.50 / 4.57	4.58 / 4.66
Heat exchanger	Air		Al Fins & Cu Tubes							
	Water		Brazed Plate							
Fan	Type		Axial							
	Quantity		1			2			3	4
Sound Power level	Heating = Cooling	dB(A)	84			85	87	88		89
	EN12102	dB(A)	68		78					
Dimensions	H x W x L	mm	1878 x 1259 x 812			1878 x 1757 x 812	1878 x 2516 x 816		1878 x 3016 x 816	1878 x 3516 x 816
Compressor	Type		Inverter Scroll with Vapour Injection							
	Quantity		1				2			
	Economiser		1				2			
	Refrigerant charge	kg	2.65			2.8	5.3		5.45	5.6

* The Cooling capacity is referred to 12/7°C 35°C OAT and the Heating capacity is referred to 40/45°C 7°C OAT. Performance data is preliminary and may change before the sales launch.

Optimised Defrost Control

- Minimised system impact
- Seamless integration
- Reduced water volume
- Stable long-term heating performance

Enhanced Connectivity

- User-friendly interface
- App control
- Daikin on Site
- Modbus & BACnet compatibility

Achieving best performances

- Inverter scroll compressor
- High efficiency at full and partial load
- Top performance in cooling and heating

Daikin Core Technology

- Daikin Inverter Driven Fans
- Daikin Tube & Fins (Cu/Al) Heat Exchanger

This product is in development and expected to be available by May 2026. Final specifications may vary.

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