

Modular Air-to-Water Inverter Heat Pump



High temperature & natural solution

Wide operating range

Up to 75°C, making it an ideal boiler-replacement solution for residential, commercial, and industrial applications

	Min.	Max.
Heating water	20°C	75°C
Chilled water	-15°C	27°C
Outdoor ambient temperature	-20°C	46°C

Plug & play system

Flexible scalability & modular installation, with nominal heating capacity **up to 2.2 MW**



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

- Modular design
- 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

R-290 Modules

Parameter		EWYK100QZXSA2	EWYK135QZXSA2
Nr of Compressors Circuits Fans	nr	2 2 2	2 2 2
[H1] Heating Capacity	kW	102	135
[H1] COP	kW/kW	3,3	3,3
[H2] Heating Capacity*	kW	75	101
[H2] COP	kW/kW	1,7	1,7
[H3] Heating Capacity	kW	68	91
[H3] COP	kW/kW	2,3	2,3
SCOP Low Temperature	kW/kW	4,2	4,2
SCOP Medium Temperature	kW/kW	3,3	3,2
[C1] Cooling Capacity	kW	91	128
[C1] EER	kW/kW	3	2,6
[C2] Cooling Capacity	kW	121	165
[C2] EER	kW/kW	3,7	3,3
SEER	kW/kW	5,3	4,8
Dimensions incl. manifold kit L x W x H	mm	2740 x 1200 x 2382	2740 x 1200 x 2382

- C1: Cooling Only Mode - Plate heat exchangers water in/out= 12/7°C; Ambient=35°C; Operating fluid: Water; Fouling factor = 0°C/W.
- C2: Cooling Only Mode - Plate heat exchangers water in/out= 23/18°C; Ambient=35°C; Operating fluid: Water; Fouling factor = 0°C/W.
- H1: Heating Only Mode - Plate heat exchangers water in/out= 40/45°C; Ambient=7°C; Operating fluid: Water; Fouling factor = 0°C/W.
- H2: Heating Only Mode - Plate heat exchangers water in/out= 60/70°C; Ambient= -5°C; Operating fluid: Water; Fouling factor = 0°C/W.
- H3: Heating Only Mode - Plate heat exchangers water in/out= 40/45°C; Ambient= -10°C; Operating fluid: Water; Fouling factor = 0°C/W.
- * Instantaneous Heating Capacity

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

Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Fan Coil Units and Variable Refrigerant Flow systems. Daikin Applied Europe S.p.A. participates in the Eurovent Certified Performance programme for Liquid Chilling Packages, Hydronic Heat Pumps and Air Handling Units. Check ongoing validity of certificate: www.euroventcertification.com

Array capacities

Module 1	Module 2	Module 3	Module 4	Array Heating Capacity [kW]	Array Cooling Capacity [kW]	Array Width [mm]
100	100			204	182	3180
100	135			237	219	3180
135	135			270	256	3180
100	100	100		306	273	5170
100	100	135		339	310	5170
100	135	135		372	347	5170
135	135	135		405	384	5170
100	100	100	135	441	401	7160
100	100	135	135	474	438	7160
100	135	135	135	507	475	7160
135	135	135	135	540	512	7160

