Verified Reliability

EU KEYMARK | EU ErP | EU CE | UK UKCA | UK MCS | GER TüV | GER BAFA | GER SG Ready | ISO9001 Quality Management System | ISO14001 Environmental Management System | ISO45001 Occupational Health and Safety Management Systems

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www.zealux.com

Zealux® 365 Days GreenHome

Leading Next-Generation Heating Solutions for House, Pools & Spas

2025
Catalog

01

Who is ZEALUX®

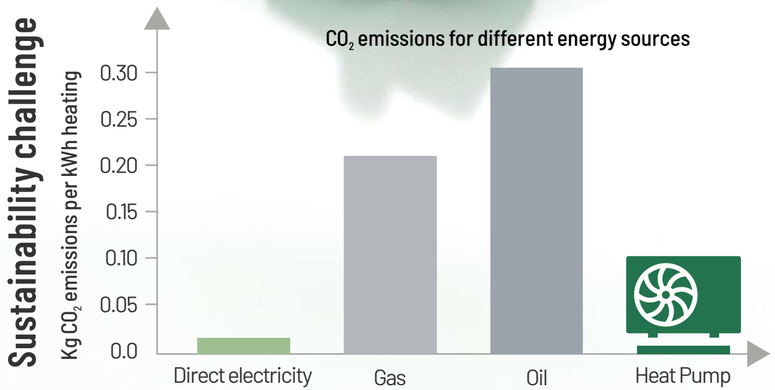
ZEALUX® Group is a global leader in advanced heating and cooling heat pump systems. With over 20 years of innovation, we specialize in integrating heating, cooling, domestic hot water, and renewable energy to provide energy-efficient solutions for homes and buildings.

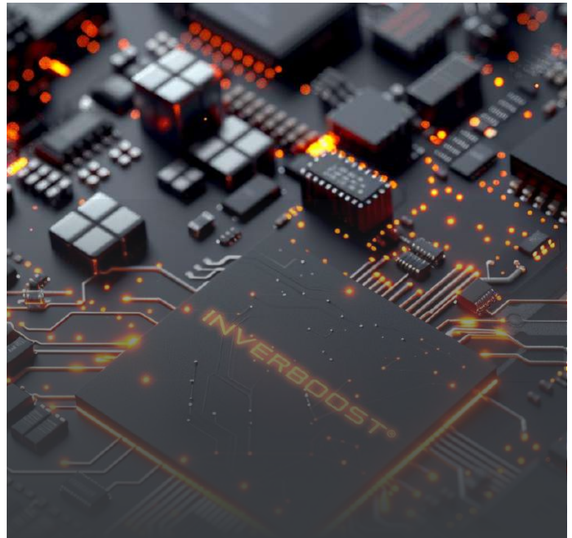
Guided by a vision of sustainability and environmental stewardship, we have established "365 Days Green Home" as our strategic goal. By leveraging cutting-edge technology and a deep commitment to renewable energy, ZEALUX® is leading the charge toward a greener, more sustainable future for generations to come.

Much of the carbon dioxide in the atmosphere originates from fossil energy sources for heating and hot water systems. We need to replace oil, coal and gas with renewable energy sources that minimize the lasting damage to our planet.

Reduce Carbon Emissions | Increase greenery | Net Zero

Zealux's product range offers the best solutions for both the environment and humanity.





INVERBOOST®

Full-inverter Technology Since 2013

For over a decade, INVERBOOST® fully inverter technology has been specifically designed to reduce energy consumption and ensure optimal performance. Our signature full inverter technology serves as the cornerstone for developing energy efficient and eco-friendly products, which are tailored for Space Heating and Cooling, Pool and SPA Heating and Cooling.

Born For Innovation

2025 — 
Pioneered the introduction of the new PAD series with side airflow technology.

2024 — 
Launched a one-stop solution for HVAC engineering needs, including R290 and EVI ultra-low temperature heat pump series.

2022-2023 — 
Expanded home heating solutions to meet multifunctional household needs.

2020-2021 — 
Introduced the ultra-silent ZEALUX® UX solution with a cutting-edge back-discharge design.

2019-2020 — 
Developed INVERBOOST® PX solution with a turbo function, increasing heating capacity by 20%.

2017-2018 — 
Adopted environmentally friendly R32 refrigerant.

2016-2017 — 
Narrowed the price gap between inverter-driven and traditional ON/OFF systems.

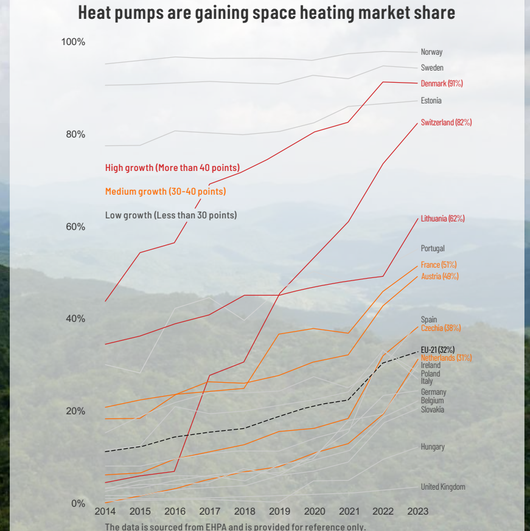
2013-2015 — 
Launched the first INVERBOOST® model, setting a new industry standard for efficiency.

1999-2012 — 
Focusing on enhancing product reliability, earning industry recognition for over a decade.

Zealux, a global company.

Why Install Heat Pumps?

When you transition from fossil fuels to renewable energy, you will experience a range of benefits, including sustainable heating and cooling, improved energy efficiency, cost savings, enhanced indoor comfort, and a reduced carbon footprint. Globally, governments are promoting the adoption of heat pumps through various policies to drive sustainable development and protect our shared home—Earth.



Zealux Air-to-Water Heat Pumps: An Efficient Heating Solution for Cold Winters

Energy Efficiency A+++

A2W heat pumps transfer heat from the air to water, making them more energy-efficient than traditional electric heaters and boilers. They deliver more thermal energy than the electricity they consume, resulting in a high Coefficient of Performance (COP).

Environmentally Friendly

Unlike coal or gas boilers, heat pumps emit no carbon dioxide or other pollutants, reducing greenhouse gas emissions. They contribute to lowering the carbon footprint and align with green energy policies.

Low Operating Costs

While the initial investment may be higher, A2W heat pumps have lower operating costs due to their high energy efficiency. Over time, they can significantly reduce energy expenses.

Strong Adaptability

Heat pumps can operate effectively in various climates, particularly in temperate and cold regions. They perform well even in low-temperature environments, ensuring warmth and comfort during winter.

Precise Temperature Control

Modern heat pump systems come equipped with advanced temperature control technologies, delivering stable and comfortable indoor temperatures. They can intelligently adjust heat output based on user needs.

Multi-Functionality

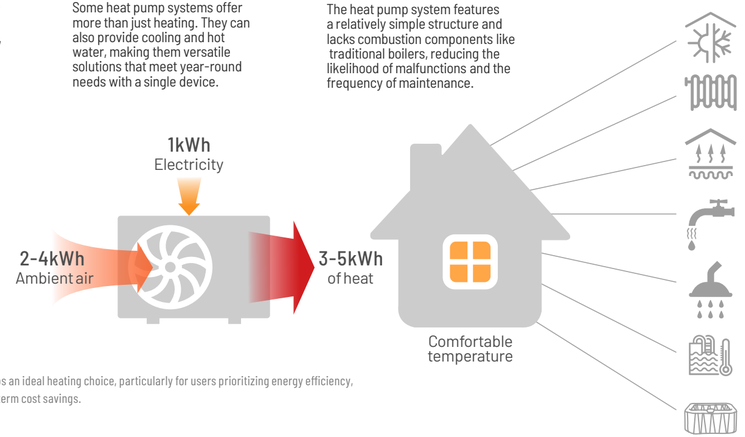
Some heat pump systems offer more than just heating. They can also provide cooling and hot water, making them versatile solutions that meet year-round needs with a single device.

Low Maintenance Costs

The heat pump system features a relatively simple structure and lacks combustion components like traditional boilers, reducing the likelihood of malfunctions and the frequency of maintenance.

Extended Lifespan

Due to their operational principles, heat pumps typically last longer than conventional heating systems. With proper maintenance, their lifespan can reach 15-20 years.



These advantages make A2W heat pumps an ideal heating choice, particularly for users prioritizing energy efficiency, environmental sustainability, and long-term cost savings.

Winter for house, summer for Pool & SPA hot water everyday.

More Application

ZEALUX® Multi-functional Air to Water Heat Pump is a unique system that offers a total solution for heating space in winter and heating the Pool & SPA in summer, bringing year-round benefits of hot water for your entire household!

The all-in-one design guarantees your absolute comfort whenever you wish.

All-in-one Design

The new-generation INVERBOOST® with full-inverter technology is designed for house heating in winter, additional heating for Pool & SPA in summer, 365 days green home.

Quiet and efficient home heating/cooling function brings the ideal temperature to your house.

***R32 :** Delivers hot water up to 60°C.*
***R290 :** Delivers hot water up to 70°C.*

Multiple heat pump connections: floor heating, fan coils, or radiators.

02 Zealux® Residential Heat Pumps

- INVERBOOST **PAD**
- INVERBOOST **PLUS**
- INVERBOOST **CLASSIC**

INVERBOOST PAD

Revolutionary Innovation for an Unparalleled Experience

Side Airflow Innovation

Say goodbye to cold drafts! The Zealux Inverboost PAD's advanced centrifugal fan directs air from the sides, enhancing your comfort without the chill of direct front airflow.

* The advertisement is for reference only; decorations are not included.

Design and integration with the building

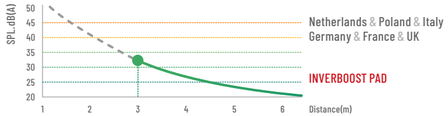
Designed with aesthetics in mind, the heat pump features a hidden fan and can be seamlessly concealed with decorative panels, stones, or plants, maintaining the beauty of your space. Perfect for high-end residences, villas, or commercial properties where style meets function.

7 YEARS WARRANTY · FULL INVERTER · A+++ · WIFI · R290 · R32 · EVI · 12-70℃

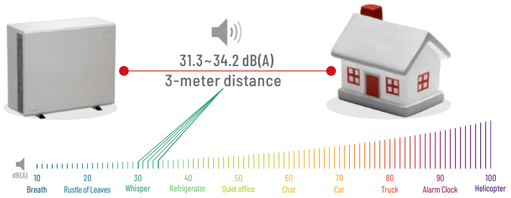
INVERBOOST PAD

Triple Soundproofing, Reducing Noise by 80%

Maintaining regulatory adherence across all EU markets



*Based on internal testing of the INVERBOOST PAD Heat Pump, the noise level was measured 3 meters directly in front of the unit in an anechoic room, with an outside temperature of 7°C and the heat pump operating under constant temperature heating conditions. Results may vary depending on environmental factors and individual use.



ALL-IN-ONE

All-in-One monobloc design, easy installation.

The best combination of energy efficiency and living comfort for new construction and renovation.

Stable operation at low temperature with the EVI technology.

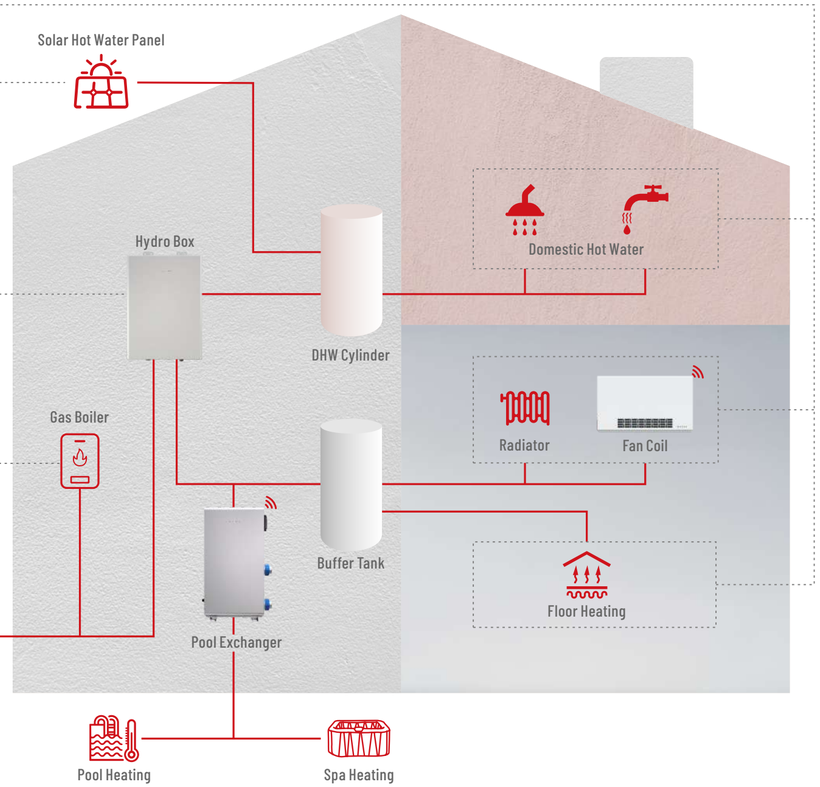
Available on the Apple Store

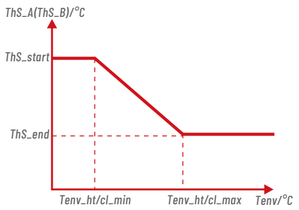
Get it on Google Play

tuya

INVERBOOST PAD

-35°C 43°C



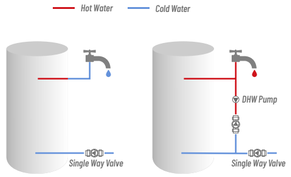


32 Fixed+1 Custom Temperature Curves

With the temperature curve function, the heat pump adjusts the water temperature automatically according to changes in ambient temperature. When the ambient temperature rises or falls, the heat load decreases or increases accordingly, and the water temperature adjusts automatically. There are 32 fixed temperature curves and 1 custom curve (Climate Compensation Curve) to meet diverse temperature needs.

Smart Grid

The heat pump adjusts its operating state based on different digital signals provided by the smart grid, achieving improved efficiency, load balancing, energy storage integration, and enhanced grid stability.

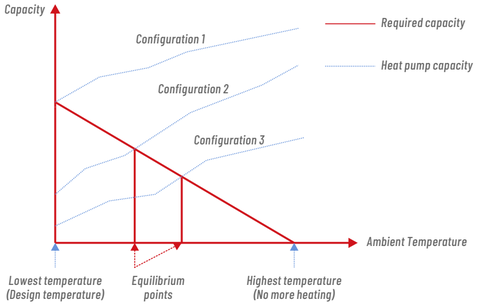


DHW Pump Function

The DHW pump function is designed to circulate water from the pipes back to the hot water tank based on a pre-set schedule. Users can configure up to 12 timers per day, allowing them to customize the pump's operation according to their daily routines, ensuring that hot water is readily available without long time waiting.

Flexible System Configuration

The Zealux heat pump system offers flexibility by allowing the electric heater to be turned on or off and to operate simultaneously with auxiliary heat sources, such as a boiler. The selected configuration will determine the appropriate size of the heat pump required. Below are three common configuration options.



Dual Zone Control

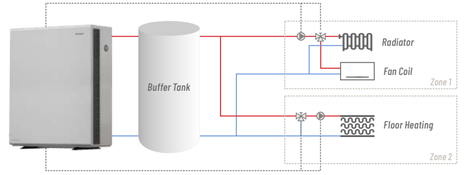
Dual-zone temperature control is available in heating mode, allowing for precise temperature regulation across different areas to accommodate various daily requirements.

1. Wired Controller Only

Wired controller manages mode, temperature and power. Zone 1 is regulated by the outgoing water temperature, while Zone 2 can be managed either by the same parameter or by the built-in sensor within the wired controller.

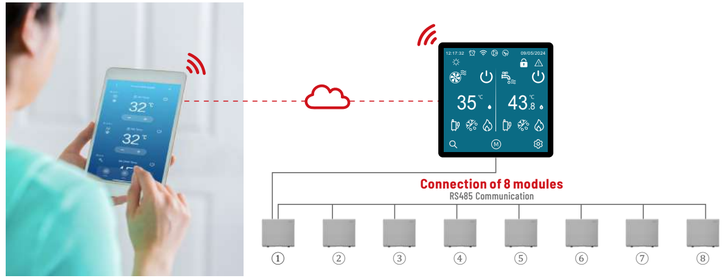
2. Wired Controller with Thermostat

The wired controller sets the mode and water temperature, while both Zone 1 and Zone 2 are directly controlled by individual thermostats.



Multi-Module Cascade System

When the heating/cooling demand necessitates an increase in capacity, the system can be seamlessly expanded by integrating additional modular units. A single controller can manage up to 8 modules, ensuring efficient and scalable operation.



-30°C 43°C ZEALUX INVERBOOST PAD R290 Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, Horizontal, CE standard, A+++

Efficiency data	A+++ R290	Unit	XAH07Csi9-S	XAH10Csi9-S	XAH12Csi9-S	XAH12Csi9T-S	XAH16Csi9T-S
Suggested buffer tank			60L	60L	60L/80L	60L/80L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.08	10.01	12.04	12.07	16.03
	Power input	kW	1.57	2.21	2.63	2.65	3.52
	COP		4.51	4.53	4.57	4.55	4.56
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	7.10	10.09	12.08	12.09	16.05
	Power input	kW	2.35	3.29	3.88	3.93	5.19
	COP		3.02	3.07	3.11	3.08	3.09
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	4.66	6.47	7.84	7.83	10.48
	Power input	kW	1.52	2.09	2.52	2.53	3.38
	COP		3.07	3.09	3.11	3.09	3.10
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	4.52	6.41	7.71	7.71	10.34
	Power input	kW	1.95	2.80	3.28	3.34	4.42
	COP		2.32	2.29	2.35	2.31	2.34
Cooling at Air 35°C, Water 23/18°C	Cooling capacity	kW	7.01	10.11	12.13	11.95	16.09
	Power input	kW	1.74	2.50	2.98	2.91	3.91
	EER		4.03	4.04	4.07	4.10	4.11
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	6.74	9.60	11.53	11.44	15.29
	Power input	kW	2.21	3.13	3.81	3.70	4.93
	EER		3.05	3.07	3.03	3.09	3.10
Compressor type			Inverter compressor				
Power supply		V	220-240V/50Hz/1PH			380-415V/50Hz/3PH	
Rated heating capacity		kW	7	10	12	12	16
Max power input		kW	2.35	3.29	3.88	3.93	5.19
Rated current		A	13.0	18.0	21.0	8.0	10.0
Minimum fuse current		A	16.0	22.0	26.0	12.0	13.0
Suggested water flux		m^3/h	1.2	1.7	2.1	2.1	2.8
Water connection			G1"	G1"	G1"	G1"	G1 1/4"
Sound pressure level (1m)		dB(A)	41.3	42.0	42.3	42.7	42.4
Sound pressure level (3m)		dB(A)	31.8	32.5	32.8	33.2	32.9
Heat exchanger			Plate heat exchanger				
Net weight		kg	103	109	117	117	127
Gross weight		kg	123	129	137	137	147
Net dimension		mm	1100×475×957	1100×475×957	1190×475×1050	1190×475×1050	1120×465×1418
Packing dimension		mm	1160×570×1100	1160×570×1100	1250×570×1355	1250×570×1355	1174×560×1563

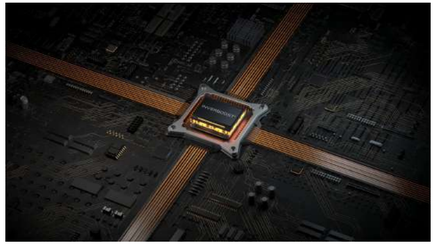
*The above data is only a reference.Please refer to the nameplate on the unit.

-35°C 43°C ZEALUX INVERBOOST PAD R32EVI Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, Horizontal, CE standard, A+++

Efficiency data	A+++ R32 EVI	Unit	XAH07Csiu32-S	XAH10Csiu32-S	XAH12Csiu32-S	XAH12Csiu32T-S	XAH16Csiu32T-S
Suggested buffer tank			60L	60L	60L/80L	60L/80L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.18	10.13	12.04	12.01	16.18
	Power input	kW	1.53	2.21	2.59	2.58	3.54
	COP		4.70	4.58	4.65	4.65	4.57
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	6.90	9.54	11.47	11.48	15.83
	Power input	kW	2.13	3.04	3.57	3.58	4.99
	COP		3.24	3.14	3.21	3.21	3.17
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	6.23	8.60	10.14	10.09	10.71
	Power input	kW	1.97	2.68	3.14	3.09	3.43
	COP		3.17	3.21	3.23	3.27	3.12
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	5.86	8.21	9.68	9.64	13.11
	Power input	kW	2.63	3.72	4.46	4.40	6.01
	COP		2.23	2.21	2.17	2.19	2.18
Heating at Air -15°C, Water 30/35°C	Heating capacity	kW	5.37	7.51	9.01	9.15	12.11
	Power input	kW	1.95	2.67	3.15	3.18	4.34
	COP		2.75	2.81	2.86	2.88	2.79
Heating at Air -15°C, Water 50/55°C	Heating capacity	kW	5.03	6.97	8.40	9.00	11.31
	Power input	kW	2.78	3.89	4.49	4.86	6.35
	COP		1.81	1.79	1.87	1.85	1.78
Heating at Air -22°C, Water 30/35°C	Heating capacity	kW	5.01	7.97	8.44	8.56	11.33
	Power input	kW	1.95	3.05	3.25	3.33	4.44
	COP		2.57	2.61	2.60	2.57	2.55
Heating at Air -22°C, Water 50/55°C	Heating capacity	kW	4.00	5.50	6.50	6.72	8.90
	Power input	kW	2.63	3.72	4.22	4.45	6.14
	COP		1.52	1.48	1.54	1.51	1.45
Cooling at Air 35°C, Water 23/18°C	Cooling capacity	kW	7.10	10.01	11.92	11.90	16.07
	Power input	kW	1.82	2.61	3.14	3.08	4.24
	EER		3.91	3.83	3.80	3.86	3.79
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	6.76	9.61	11.31	11.40	15.31
	Power input	kW	2.24	3.24	3.91	4.00	5.43
	EER		3.02	2.97	2.89	2.85	2.82
Compressor type			Inverter compressor				
Power supply		V	220-240V/50Hz/1PH			380-415V/50Hz/3PH	
Rated heating capacity		kW	7	10	12	12	16
Max power input		kW	2.78	3.89	4.49	4.86	6.35
Rated current		A	15.0	21.0	24.5	9.0	12.0
Minimum fuse current		A	19.0	26.0	31.0	12.0	15.0
Suggested water flux		m^3/h	1.2	1.7	2.1	2.1	2.8
Water connection			G1"	G1"	G1"	G1"	G1"
Sound pressure level (1m)		dB(A)	40.8	41.2	43.4	43.5	43.7
Sound pressure level (3m)		dB(A)	31.3	31.7	33.9	34.0	34.2
Heat exchanger			Plate heat exchanger				
Net weight		kg	103	109	117	117	127
Gross weight		kg	123	129	137	137	147
Net dimension		mm	1100×475×957	1100×475×957	1190×475×1050	1190×475×1050	1120×465×1418
Packing dimension		mm	1160×570×1100	1160×570×1100	1250×570×1200	1250×570×1200	1174×560×1563

*The above data is only a reference.Please refer to the nameplate on the unit.

INVERBOOST PLUS



INVERBOOST PLUS Air to WaterHeat Pumps utilize the latest INVERBOOST adaptive full inverter technology, enabling the compressor to operate with optimal energy consumption for highly efficient heating. Under the same conditions, operating in a 30-square-meter room can save 60% of energy consumption compared to gas wall-mounted boilers and 70% compared to electric wall-mounted boilers.

Custom Heating/Cooling

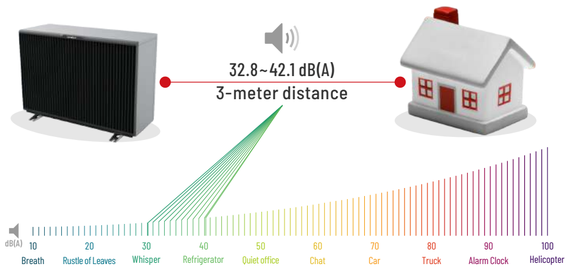
Suitable for single-room or whole-house operation, it intelligently adjusts frequency during low heat demand for efficiency and cost savings. The hydronic system provides warmth without dryness, replacing central heating to eliminate temperature fluctuations and substituting air conditioning to prevent dry air.

Anti-Jamming Water Pump

The unit features a design that prevents the water pump from jamming during shutdown, reducing pump failures in the water system.

Quiet Operation

Low noise running by the intelligent speed control allows free placement on the property like densely built-up areas.



INVERBOOST PLUS

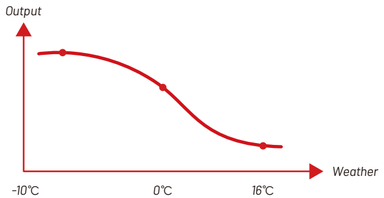
With A+++, the ZEALUX® heat pumps adopts the new-generation INVERBOOST® full inverter technology to maximize COP performance with an efficiency increase of 30%.

Thanks to its intelligent adjustment, ZEALUX® heat pumps work more efficiently and keep your energy bill as low as possible. Less consumption, the same output.

A+++

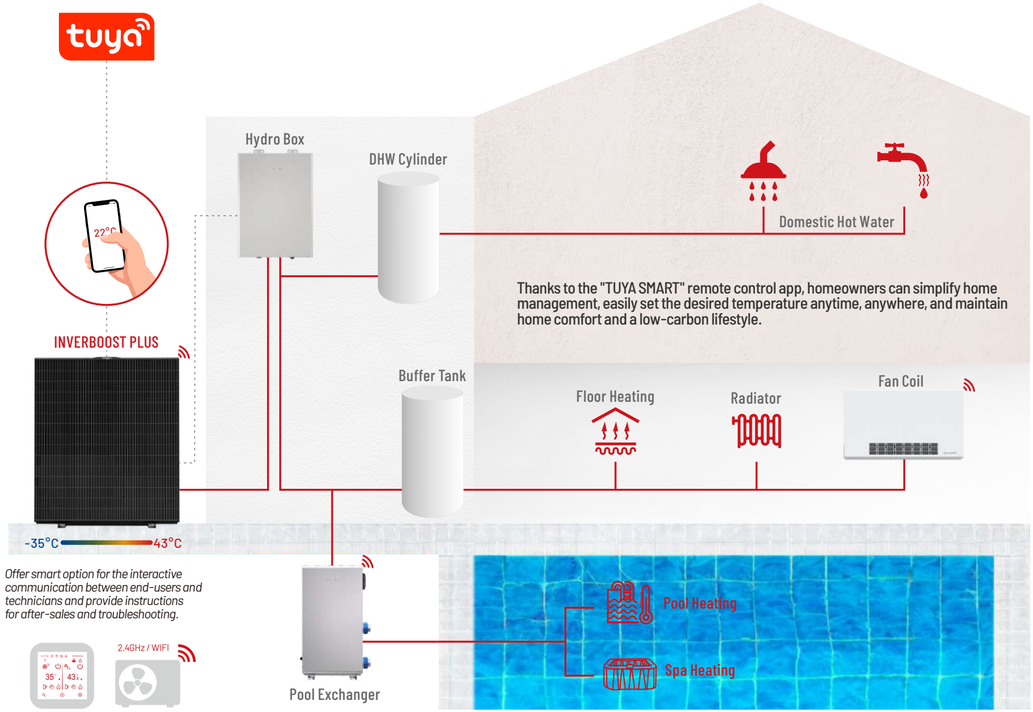
Weather compensation to achieve the highest Seasonal COP

HP adjusts the heating output according to the actual temperature to achieve the highest efficiency.



Available on the Apple Store Get it on Google Play

Smart Control, Smarter Life



-30°C 43°C ZEALUX INVERBOOST PLUS R290 Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, Horizontal, CE standard, A+++

Efficiency data	A+++ R290	Unit	XAH07Csi9-G	XAH10Csi9-G	XAH12Csi9-G	XAH16Csi9T-G
Suggested buffer tank			60L	60L	60L/80L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.13	10.30	12.12	16.18
	Power input	kW	1.58	2.27	2.65	3.55
	COP		4.51	4.53	4.57	4.56
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	6.97	9.59	12.00	16.05
	Power input	kW	2.31	3.12	3.86	5.21
	COP		3.02	3.07	3.11	3.08
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	4.47	6.52	8.52	10.79
	Power input	kW	1.45	2.04	2.63	3.27
	COP		3.09	3.19	3.24	3.30
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	4.27	6.42	7.62	11.01
	Power input	kW	1.81	2.78	3.33	4.48
	COP		2.36	2.31	2.29	2.46
Cooling at Air 35°C, Water 23/18°C	Cooling capacity	kW	6.77	9.81	11.47	15.34
	Power input	kW	1.71	2.50	2.95	4.02
	EER		3.95	3.92	3.89	3.82
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	6.42	9.26	10.90	14.53
	Power input	kW	2.15	3.11	3.66	5.01
	EER		2.99	2.98	2.98	2.90
Compressor type			Inverter compressor			
Power supply		V	220-240V/50Hz/1PH			380-415V/50Hz/3PH
Rated heating capacity		kW	7	10	12	16
Max power input		kW	2.31	3.12	3.86	5.21
Rated current		A	13.0	17.0	21.0	9.5
Minimum fuse current		A	16.0	21.0	26.0	12.0
Suggested water flux		m^3/h	1.2	1.7	2.1	2.8
Water connection			G1"	G1"	G1"	G1 1/4"
Sound pressure level (1m)		dB(A)	46.2	43.1	42.3	49.6
Sound pressure level (3m)		dB(A)	36.7	33.6	32.8	40.1
Heat exchanger			Plate heat exchanger			
Net weight		kg	76	99	107	125
Gross weight		kg	92	117	125	146
Net dimension		mm	1076×456×860	1052×453×1260	1052×453×1260	1190×440×1380
Packing dimension		mm	1140×536×1005	1110×533×1405	1110×533×1405	1230×520×1525

*The above data is only a reference.Please refer to the nameplate on the unit.

-35°C 43°C ZEALUX INVERBOOST PLUS R32EVI Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, Horizontal, CE standard, A+++

Efficiency data	A+++ R32 EVI	Unit	XAH10Csiu32-G	XAH12Csiu32T-G	XAH19Csiu32T-G	XAH26Csiu32T-G
Suggested buffer tank			60L	60L/80L	80L/100L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	10.11	12.00	19.00	26.00
	Power input	kW	2.21	2.58	4.08	5.59
	COP		4.58	4.65	4.66	4.65
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	9.54	11.48	18.58	26.00
	Power input	kW	3.04	3.58	5.82	8.05
	COP		3.14	3.21	3.19	3.23
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	8.60	10.09	16.15	21.95
	Power input	kW	2.68	3.09	5.06	6.77
	COP		3.21	3.27	3.19	3.24
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	8.21	9.64	15.18	20.77
	Power input	kW	3.73	4.32	6.93	9.57
	COP		2.20	2.23	2.19	2.17
Heating at Air -15°C, Water 30/35°C	Heating capacity	kW	7.51	9.15	14.04	20.70
	Power input	kW	2.67	3.30	4.98	7.19
	COP		2.81	2.77	2.82	2.88
Heating at Air -15°C, Water 50/55°C	Heating capacity	kW	6.97	8.99	13.44	18.51
	Power input	kW	3.71	4.86	7.19	10.01
	COP		1.88	1.85	1.87	1.85
Heating at Air -22°C, Water 30/35°C	Heating capacity	kW	7.97	8.56	12.96	17.90
	Power input	kW	3.05	3.33	5.00	7.05
	COP		2.61	2.57	2.59	2.54
Heating at Air -22°C, Water 50/55°C	Heating capacity	kW	5.50	6.72	10.83	13.40
	Power input	kW	3.72	4.45	7.03	8.87
	COP		1.48	1.51	1.54	1.51
Cooling at Air 35°C, Water 23/18°C	Cooling capacity	kW	9.73	11.37	18.04	24.63
	Power input	kW	2.54	2.95	4.76	6.64
	EER		3.83	3.86	3.79	3.71
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	9.07	10.75	16.97	23.33
	Power input	kW	3.05	3.79	6.19	8.67
	EER		2.97	2.84	2.74	2.69
Compressor type			Inverter compressor			
Power supply		V	220-240V/50Hz/1PH	380-415V/50Hz/3PH		
Rated heating capacity		kW	10	12	19	26
Max power input		kW	3.73	4.86	7.19	10.01
Rated current		A	20.5	9.0	13.0	18.5
Minimum fuse current		A	25.0	12.0	16.0	24.0
Suggested water flux		m^3/h	1.7	2.1	3.3	4.5
Water connection			G1"	G1"	G1 1/4"	G1 1/4"
Sound pressure level (1m)		dB(A)	46.8	50.5	51.2	51.6
Sound pressure level (3m)		dB(A)	37.3	41	41.7	42.1
Heat exchanger			Plate heat exchanger			
Net weight		kg	76	99	125	145
Gross weight		kg	92	117	146	166
Net dimension		mm	1076×456×860	1052×453×1260	1190×440×1380	1255×460×1460
Packing dimension		mm	1140×536×1005	1110×533×1405	1230×520×1525	1355×550×1600

*The above data is only a reference.Please refer to the nameplate on the unit.

INVERBOOST CLASSIC

Garden design

Minimalist design at the intersection of contemporary aesthetics and functionality, seamlessly integrating advanced technology with elegance. Crafted with high-quality materials and exceptional craftsmanship, every detail is meticulously refined. Designed to blend harmoniously into your garden, it creates a sophisticated and inviting outdoor space.

Proven Reliability
Modern Design
Effortless Maintenance

Hidden screws

Smart Controller

Easy to use visual interface

Safety lock

Saves time and energy

Works according to your personal style

Heating, cooling, domestic hot water and energy

5 types of modes satisfying needs

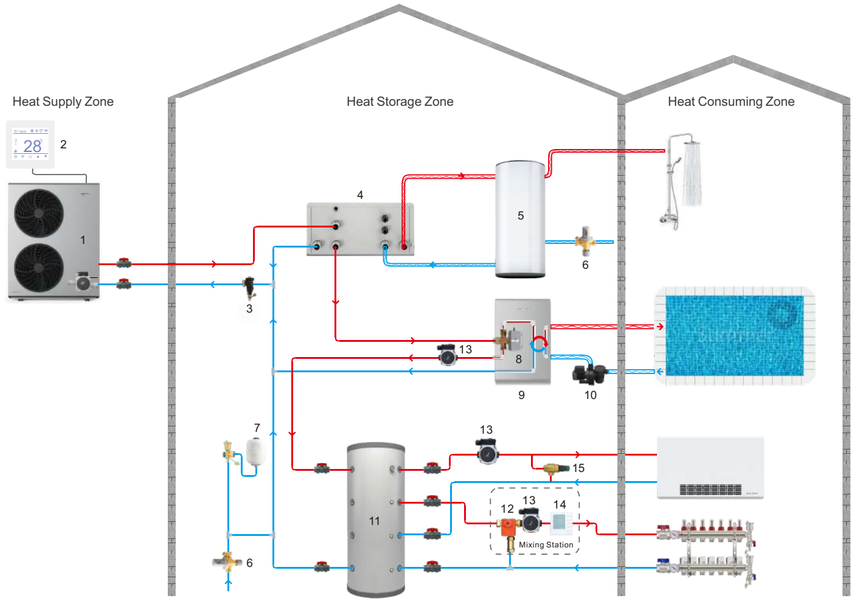
INVERBOOST CLASSIC

- *MONOBLOC COMPACT DESIGN*
- *SPACE-SAVING*
- *EASY INSTALLATION & MAINTENANCE*

INVERBOOST CLASSIC

365 days
4-Seasons

The ZEALUX® air-to-water heat pump extracts heat from the air and transfers it through water to heat and cool. It offers a stable room temperature all year long, produces domestic hot water everyday, provides pleasant coolness in summer if needed, and heat your Pool & Spa. One ZEALUX® heat pump brings you all-round experiences.



1. Monobloc Unit
2. Controller (Monobloc Unit)
3. Magnetic Particle Filter
4. Hydro Box
5. DHW Cylinder
6. Automatic Water Refill Valve
7. Expansion Vessel
8. 3 Way Electromagnetic Valve
9. Heat Exchanger for Pool
10. Circulation Water Pump
11. Buffer Tank
12. Mixer Valve
13. Circulation Pump
14. Controller (Mixing Station)
15. Differential Pressure Bypass Valve

-30°C — 43°C ALSAVO R290 Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, Horizontal, CE standard, A+++

Efficiency data	A+++ R290	Unit	XAH07Csi9	XAH10Csi9	XAH12Csi9	XAH16Csi9T
Suggested buffer tank			60L	60L	60L/80L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.13	10.30	12.12	16.18
	Power input	kW	1.58	2.27	2.65	3.55
	COP		4.51	4.53	4.57	4.56
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	6.97	9.59	12.00	16.05
	Power input	kW	2.31	3.12	3.86	5.21
	COP		3.02	3.07	3.11	3.08
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	4.47	6.52	8.52	10.79
	Power input	kW	1.45	2.04	2.63	3.27
	COP		3.09	3.19	3.24	3.30
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	4.27	6.42	7.62	11.01
	Power input	kW	1.81	2.78	3.33	4.48
	COP		2.36	2.31	2.29	2.46
Cooling at Air 35°C, Water 23/18°C	Cooling capacity	kW	6.77	9.81	11.47	15.34
	Power input	kW	1.71	2.50	2.95	4.02
	EER		3.95	3.92	3.89	3.82
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	5.80	8.15	9.68	12.83
	Power input	kW	1.94	2.73	3.25	4.42
	EER		2.99	2.98	2.98	2.90
Compressor type			Inverter compressor			
Power supply		V	220-240V/50Hz/1PH			380-415V/50Hz/3PH
Rated heating capacity		kW	7	10	12	16
Max power input		kW	3.20	3.60	5.20	7.20
Rated current		A	14.5	16.5	24.0	11.0
Minimum fuse current		A	18.0	21.0	30.0	14.0
Suggested water flux		m^3/h	1.2	1.7	2.1	2.8
Water connection			G1"	G1"	G1"	G1 1/4"
Sound pressure level (1m)		dB(A)	46.2	43.1	42.3	49.6
Sound pressure level (3m)		dB(A)	36.7	33.6	32.8	40.1
Heat exchanger			Plate heat exchanger			
Net weight		kg	76	99	107	125
Gross weight		kg	92	117	125	146
Net dimension		mm	1076×456×860	1052×453×1260	1052×453×1260	1190×440×1380
Packing dimension		mm	1140×536×1005	1110×533×1405	1110×533×1405	1230×520×1525

**The above data is only a reference. Please refer to the nameplate on the unit.*

-35°C — 43°C ALSAVO R32EVI Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, Horizontal, CE standard, A+++

Efficiency data	A+++ R32 EVI	Unit	XAH10Csiu32	XAH12Csiu32T	XAH19Csiu32T	XAH26Csiu32T
Suggested buffer tank			60L	60L/80L	80L/100L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	10.11	12.00	19.00	26.00
	Power input	kW	2.21	2.58	4.08	5.59
	COP		4.58	4.65	4.66	4.65
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	9.54	11.48	18.58	26.00
	Power input	kW	3.04	3.58	5.82	8.05
	COP		3.14	3.21	3.19	3.23
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	8.60	10.09	16.15	21.95
	Power input	kW	2.68	3.09	5.06	6.77
	COP		3.21	3.27	3.19	3.24
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	8.21	9.64	15.18	20.77
	Power input	kW	3.73	4.32	6.93	9.57
	COP		2.20	2.23	2.19	2.17
Heating at Air -15°C, Water 30/35°C	Heating capacity	kW	7.51	9.15	14.04	20.70
	Power input	kW	2.67	3.30	4.98	7.19
	COP		2.81	2.77	2.82	2.88
Heating at Air -15°C, Water 50/55°C	Heating capacity	kW	6.97	8.99	13.44	18.51
	Power input	kW	3.75	4.86	7.11	10.06
	COP		1.86	1.85	1.89	1.84
Heating at Air -22°C, Water 30/35°C	Heating capacity	kW	7.97	8.56	12.96	17.90
	Power input	kW	3.05	3.33	5.00	7.05
	COP		2.61	2.57	2.59	2.54
Heating at Air -22°C, Water 50/55°C	Heating capacity	kW	5.50	6.72	10.83	13.40
	Power input	kW	3.72	4.45	7.03	8.87
	COP		1.48	1.51	1.54	1.51
Cooling at Air 35°C, Water 23/18°C	Cooling capacity	kW	9.73	11.37	18.04	24.63
	Power input	kW	2.54	2.95	4.76	6.64
	EER		3.83	3.86	3.79	3.71
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	8.09	9.71	15.18	20.60
	Power input	kW	2.72	3.42	5.54	7.66
	EER		2.97	2.84	2.74	2.69
Compressor type			Inverter compressor			
Power supply		V	220-240V/50Hz/1PH	380-415V/50Hz/3PH		
Rated heating capacity		kW	10	12	19	26
Max power input		kW	3.75	4.86	7.11	10.06
Rated current		A	20.5	9.0	13.0	18.5
Minimum fuse current		A	25.0	12.0	16.0	24.0
Suggested water flux		m^3/h	1.7	2.1	3.3	4.5
Water connection			G1"	G1"	G1 1/4"	G1 1/4"
Sound pressure level (1m)		dB(A)	46.8	50.5	51.2	51.6
Sound pressure level (3m)		dB(A)	37.3	41	41.7	42.1
Heat exchanger			Plate heat exchanger			
Net weight		kg	76	99	125	145
Gross weight		kg	92	117	146	166
Net dimension		mm	1076×456×860	1052×453×1260	1190×440×1380	1255×460×1460
Packing dimension		mm	1140×536×1005	1110×533×1405	1230×520×1525	1355×550×1600

*The above data is only a reference. Please refer to the nameplate on the unit.

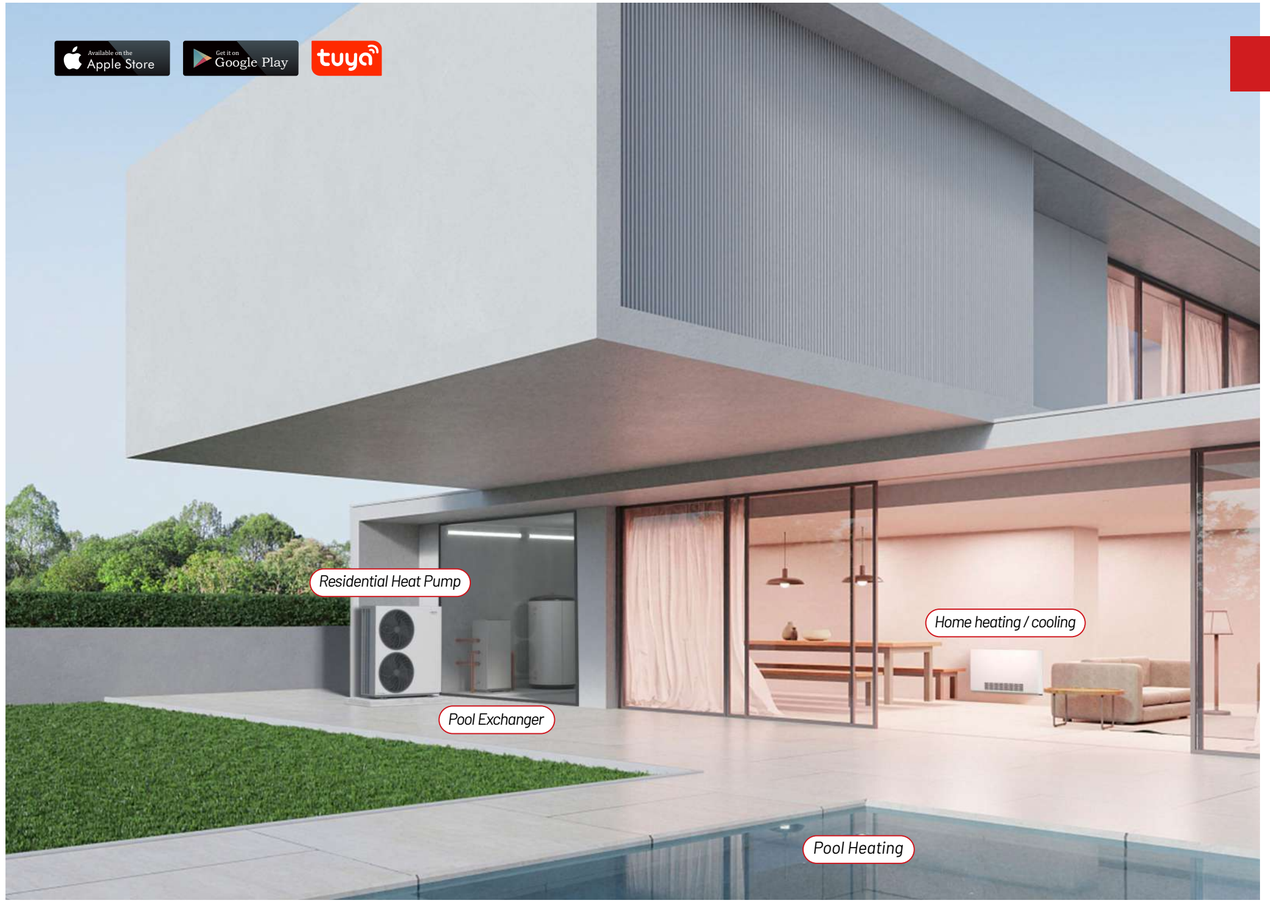
-15°C — 43°C ALSAVO R32 Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, Horizontal, CE standard, A+++

Efficiency data	A+++ R32	Unit	XAH07Csi32	XAH10Csi32	XAH12Csi32	XAH16Csi32	XAH12Csi32T	XAH16Csi32T
Suggested buffer tank			60L	60L	60L/80L	80L/100L	60L/80L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.21	10.11	12.00	16.52	12.00	16.18
	Power input	kW	1.53	2.21	2.58	3.61	2.58	3.54
	COP		4.70	4.58	4.65	4.58	4.65	4.57
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	6.90	9.55	11.47	16.22	12.00	15.83
	Power input	kW	2.13	3.04	3.57	5.13	3.73	4.99
	COP		3.24	3.14	3.21	3.16	3.22	3.17
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	4.62	6.54	7.74	10.71	7.52	10.71
	Power input	kW	1.46	2.04	2.40	3.48	2.37	3.43
	COP		3.17	3.21	3.23	3.08	3.17	3.12
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	4.63	6.83	7.60	11.06	7.44	10.86
	Power input	kW	2.16	3.08	3.39	5.50	3.68	5.40
	COP		2.14	2.22	2.24	2.01	2.02	2.01
Cooling at Air 35°C, Water 23/18°C	Cooling capacity	kW	7.06	9.92	11.70	16.20	11.80	15.70
	Power input	kW	1.84	2.59	3.03	4.21	3.09	4.11
	EER		3.84	3.83	3.86	3.85	3.82	3.82
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	5.75	8.10	9.63	13.18	9.61	12.82
	Power input	kW	1.92	2.73	3.39	4.66	3.44	4.58
	EER		2.99	2.97	2.84	2.83	2.79	2.80
Pool & Spa Side at Air 15°C, Water 28°C	Heating capacity	kW	7.02	8.70	8.77	8.88	6.50	9.62
	Power input	kW	1.08	1.44	1.46	1.47	0.96	1.58
	COP		6.51	6.04	6.01	6.04	6.78	6.09
Compressor type			Inverter compressor					
Power supply		V	220-240V/50Hz/1PH				380-415V/50Hz/3PH	
Rated heating capacity		kW	7	10	12	16	12	16
Max power input		kW	3.34	3.89	5.43	6.51	5.43	6.37
Rated current		A	14.0	16.0	23.0	26.0	12.0	12.0
Minimum fuse current		A	18.0	20.0	29.0	32.0	15.0	15.0
Suggested water flux		m^3/h	1.2	1.7	2.1	2.8	2.1	2.8
Water connection			G1"	G1"	G1"	G1"	G1"	G1"
Sound pressure level (1m)		dB(A)	48	51	56.3	57.5	55.3	56.1
Sound pressure level (3m)		dB(A)	38	41.5	46.8	48	45.8	46.6
Heat exchanger			Plate heat exchanger					
Net weight		kg	70	76	99	107	99	107
Gross weight		kg	86	92	117	125	117	125
Net dimension		mm	1076×456×860	1076×456×860	1052×453×1260	1052×453×1260	1052×453×1260	1052×453×1260
Packing dimension		mm	1140×536×1005	1140×536×1005	1110×533×1405	1110×533×1405	1110×533×1405	1110×533×1405

*The above data is only a reference. Please refer to the nameplate on the unit.

03 Zealux® Heating System Solution

- Pool Exchanger
- Fan Coil Unit
- Hydro Box
- Water Mixing Station



Zealux® Pool Exchanger

Discover our unique and sustainable solution, an exceptional innovation that redefines simplicity and efficiency.

With a simple installation operating with an air to-water heat pump, the pool exchanger acts as a media to heat and cool the swimming and spa pool, extend the use of air-to-water heat pump through seasons and lower the heat pump's seasonal vacancy rate.

Notice: It must be placed on a level floor.

- Galvanized sheet with double coating, high hardness, and strong rust resistance.
- At the price of a traditional 5kW pool heater, it can achieve a constant temperature of 30kW for the pool.
- 0dB operation, no mechanical noise, no wind noise, enjoy 0dB silent swimming.
- Ultra-low energy consumption, only 8W operational energy consumption, which is 0.0016 times the energy consumption of pool heaters with the same heating capacity.
- Occupies only 0.15m² of space, flexibly adapting to various installation environments such as equipment rooms and gardens.

CE

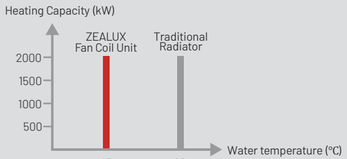
Efficiency data	Unit	WX-17		WX-25	
Power supply		220-240V/1Ph/50Hz			
Rated current	A	0.6		0.6	
Rated power input	W	12		12	
Heat pump side water supply 28°C, pool side water inlet/outlet 26°C/28°C					
Heating exchange capacity	kW	18.6		28.4	
Heat pump side water flow	m³/h	2.62		3.05	
Heat pump side connection		G1"			
Heat pump output capacity	kW	7	10	12	16
Pool side water flow	m³/h	5.6	8.1	9.9	12
Pool side connection		DN50			
Water pressure drop	Kpa	3.1	13.7	5.1	14.8
Unit dimension	mm	445 × 350 × 845		445 × 350 × 1006	
Packing dimension	mm	595 × 395 × 876		595 × 395 × 1036	
Net weight	kg	30		40	
Gross weight	kg	35		47	

** The data above is for reference.Please refer to the nameplate on the unit.*

Zealux® Fan Coil Unit

The ZEALUX® fan coil series meets today's stringent requirements for performance, size, acoustics, low energy consumption, and ease of installation and maintenance. With the fan being the only moving part, it operates at a constant temperature with a power consumption of only about 10W, amounting to just 0.24 kWh over 24 hours. Noise levels are as low as 30dB(A), making it ideal for residential and work environments (offices, shops, restaurants, hotel rooms, etc.).

- Aluminum plate design, double spray coating, lightweight, thin, and rust-resistant.
- DC inverter frequency conversion, anti-cold wind/heat design, 5-speed wind control, meets rapid heating/cooling needs, delivering fine air output, quiet and efficient.
- Can be installed on the wall or as a floor -standing unit, offering dual installation options.



To replace traditional radiators, simply use corrugated pipes for connection. Installation is simple and quick.

Zealux Wall Mounted Type Fan Coil Unit

CE

		BLACK	AFC020	AFC030	AFC045	AFC065
		WHITE	WFC020	WFC030	WFC045	WFC065
Power Supply	V/Ph/Hz		220-240V/50Hz/1PH			
Air flow (H)	m^3/h		330	500	580	340
Air flow (M)	m^3/h		230	360	470	680
Air flow (L)	m^3/h		130	210	340	510
Performance in heating: Ambient temp. (DB/WB): 20°C, Water temp. inlet/outlet: 45/40°C						
Heating capacity	kW		1.95	2.86	3.94	5.5
Performance in heating: Ambient temp. (DB/WB): 20°C, Water temp. inlet/outlet: 55/50°C						
Heating capacity	kW		2.86	4.15	5.49	7.24
Performance in heating: Ambient temp. (DB/WB): 20°C, Water temp. inlet/outlet: 60/55°C						
Heating capacity	kW		3.4	5.1	6.3	8.5
Performance in cooling: Ambient temp. (DB/WB): 27/19°C, Water temp. inlet/outlet: 7/12°C						
Cooling capactity	kW		1.62	2.64	5.4	6
Power input (H)	W		18.5	24.3	35.8	51.5
Fan motor	Type		DC fan motor		Centrifugal fan motor	
Fan	Type		Cross-flow Fan		Centrifugal Fan	
Heat exchanger	Type		Copper tube aluminum fin			
Water flow rate	m^3/h		1	1	1.14	1.14
Water pressure drop	Kpa		30	40	30	30
Noise level in 1m	dB(A)		30	32	40	40
Water inlet/outlet pipe	inch		G3/4''	G3/4''	G3/4''	G3/4''
Drain pipe	inch		G1/2"	G1/2"	G1/2"	G1/2"
Net weight	kg		15.5	19.5	32	43
Gross weight	kg		18.5	23	36	48
Dimension	mm		980×145×573	1250×145×573	1130×178×588	1385×178×588
Package Dimension	mm		1075×195×615	1330×195×615	1210×228×628	1465×228×628

** The data above is for reference.Please refer to the nameplate on the unit.*

Zealux® Hydro Box

Hydro Box is a revolutionary integrated system that simplifies traditional heating system installation. It combines key components like three-way valves, air release valves, and pumps into one unit, completing a heating circuit with just "five connections." This system ensures precise temperature control and significantly improves heat exchange efficiency.

Aluminum body, galvanized frame, dual coating, lightweight and rust-resistant.

Water distribution center with pure copper solenoid three-way valve, automatic switching between domestic hot water, heating, and pool temperature control.

Multifaceted heat exchange, heat pump efficiency up to 94%, separates working fluid water, ensuring safe domestic hot water.

High-efficiency sterilization with high-power inline electric heating, water-electricity separation for safety, easily reaching 75°C for thorough sterilization.

Water tank load reduction, replacing traditional static heating coils and electric heaters, reducing limescale buildup and cleaning frequency.

Wall-mounted installation, only 0.3m² wall space.

Efficiency data	Unit	WD-17	WD-25	WD-25S	WD-25ST
Heating capacity	kW	9.71	11.62	15.20	15.49
Advised water flux (House heat pump side)	m³/h	1.54	2.20	2.41	2.30
Electric heating capacity	kW	3	3	6	6
Advised water flux (DHW cylinder side)	m³/h	2.05	2.05	2.05	2.05
Power supply		220-240V/50Hz/1Ph			380-415V/50Hz/3PH
Water connection		G1''			
Unit dimension	mm	460*235*660			
Net weight	kg	32	35	36	38
Gross weight	kg	35	38	39	40

** The data above is for reference. Please refer to the nameplate on the unit.*

Zealux® Water Mixing Station

Water mixing station blends hot and cold water to achieve a stabilized temperature and compensate for temperature variations. Its flexible system meets different temperature needs in an intelligent and detailed way.

Galvanized base plate, 1.2mm thick double coating, strong load-bearing, rust-free, easy wall-mounting.

Independent temperature control with automatic mixing valve and smart controller, one circuit, two temperatures.

High-end pump, pure copper, rust-free, 3-speed adjustment, 6m lift, easily reaches second floor.

Low power consumption, stable at 0.1 kWh/hour, ample water, stable temperature, energy-saving.

Electromagnetic manual-automatic mixing valve, adaptive adjustment, responsive, no wait for stable temperature.

Large coverage, 180m²/about 3-4 heating terminals, easily matched.

Wall-mounted design, only 0.08m² wall space, fits four 8mm stainless steel screws for enhanced stability and safety.

Efficiency data	Unit	MS-01
Power supply	V	220-240V/50Hz/1PH
Water inlet/outlet distance	mm	60
Temperature setting range	°C	5-85
Default temperature setting	°C	45
Rated water flow	m³/h	1.9
Circulation pump head height	m	3.1
Max water inlet supply	°C	95
Connector size (Heat pump side)		G1"
Max operation pressure	Bar	10
Max power	W	100
Recommended house size	m²	Under 200
Net dimension	mm	276 × 304 × 145
Packing dimension	mm	355 × 360 × 195

** The data above is for reference. Please refer to the nameplate on the unit.*

04

Customer care experience
(i.e.pre-sale, post-sale and after-sale)

Zealux product is backed with a three-year after sales warranty, and can be extended to seven years if the following conditions are met:

- Register on the Zealux website and upload needed documents after installation
- Installed by authorized professional installers
- Annual heat pump servicing and maintenance by the authorized installer with ticket retention

« The promise is to give the great benefit to every user with 7 years of peace of mind »

The 7 years commitment

By Zealux

- To provide the required technical documents and product info
- To organize the trainings and webinars min one time a year
- To give the best in class customer service
- To select the right partners
- To hold enough spares and repair kit for installers

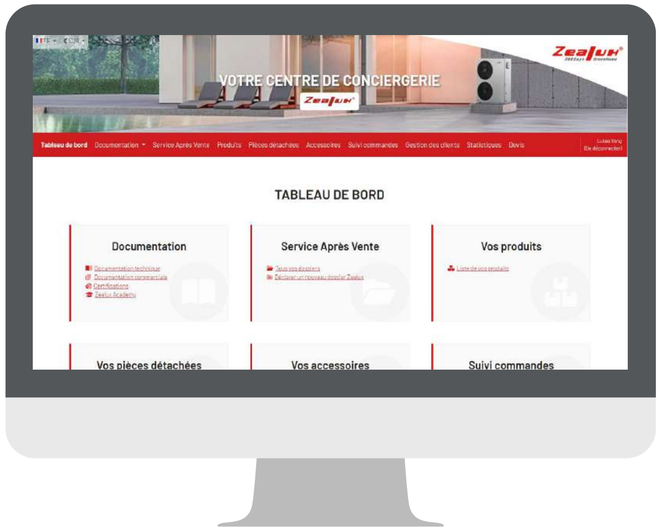
By the person in charge of maintenance

- To respect installation requirements of Zealux and technical supports
- To monitor maintenance visit every year following the maintenance prog
- To use only Zealux spares and tools
- To be an authorized Zealux installer / dealer / service partner
- To participate at least min 1 time a year to our training course or webinars

For more details about maintenance, troubleshooting, training courses and technical guidance, please visit https://zealux.com/contact-us/ or contact the Zealux dealer that installed your product.

05

Unique Concierge Platform

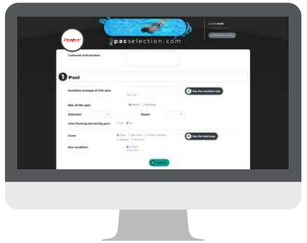


A full set of options

- A 24/7 conciergery service providing a unique customer experience.
- Technical and commercial documentation
- Tutorials : technical docs and videos
- Webinars with 6 courses
- Replacement parts
- Presale capabilities
- After sales management
- Repair assistance
- Ordering process
- Order tracking
- Stock management
- Available in over 10 languages

Our selection website for heating and pool heat pumps is specifically designed for distributors, making it easier to choose the most suitable heat pump models and generate standardized detailed reports.

Residential Heat Pump



Pool & Spa Heat Pump

How to use the selection website:

1. Distributors collect customer requirements for pool or heating needs.
2. Enter the information about these requirements on the website, such as house area or pool size.
3. The website generates a PDF report containing customer requirements, recommended heat pump models, and the procurement and operating costs of the heat pump.
4. Distributors can download the report for record-keeping and print it to provide to customers as a reference.

Fault diagnosis by our experts

Spare parts

Repaired equipment