Verified Reliability

EU KEYMARK | EU ErP | 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

Headquarter

China

Zealux Electric Limited

No.2-8, No.9 Road, Science and Technology zone, Xingtan Industrial Park, Shunde , Foshan, Guangdong, China

+86-20-86000676

sales@zealux.com

Europe Service Center

France

Sarl Zealux France

8 Allée du Piot, 30660, Gallargues le Montueux, France

+33 (0)6 56 69 58 47

contact@zealux.fr

Stay Tuned with Us

7 YEARS WARRANTY

4-Seasons

365 Days Green Home

Leading Next-generation Heating Solutions for House, Pool, SPA

Air to water heat pump

The ZEALUX® Group is one of the world's leading manufacturers of heating, cooling and heat pump systems. For more than 20 years, the ZEALUX® Group has been committed to providing its customers with an outstanding quality of life. We combine heating, cooling, domestic hot water with renewable energies to provide the most energyefficient, climate-compensated solution for any building or home. We have adopted ***"365 Days Green Home"*** *as a strategic goal for sustainable development, aiming to protect our common home.*

Saving each penny for the planet.

Customized for your garden, no more ugly rusting.

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

As one of China's biggest air to water heat pump and pool heat pump manufacturers, ZEALUX® is currently the only factory with almost the whole industrial chain of swimming pool heat pumps and possesses a world-advanced laboratory and R&D team. ZEALUX® heat pumps with INVERBOOST® technology have been in a leading position in the industry since 2013. For over a decade of innovative development and market validation, ZEALUX® heat pumps have achieved the highest energy efficiency ratio in the industry. We endeavor to ensure that our products and services make a positive difference in protecting natural resources, reducing carbon footprint, and enhancing overall quality of life. Together, let's build a better, more sustainable, and more vibrant planet.

2022-2023

Meet multi-functional needs of home heating.

2020-2021

Ultra silent ZEALUX ® UX solution with a cutting edge back-discharge design.

2019-2020

Innovative INVERBOOST® PX solution with extra 20% heating capacity by turbo function.

2017-2018

Upgraded solution using new refrigerant gas R32.

2016-2017

Narrowed the price gap between inverter-driven and traditional ON/OFF system.

2013-2015

The first INVERBOOST® was introduced.
Achieved the highest efficiency in the industry.

1999-2012

Focused on the reliability issues at the first two years, winning recognition for over 10+ years.

Saving the planet

Core Benefits for Users

ENERGY EFFICIENCY A+++

INTELLIGENT CONTROL

MODERN MINIMALIST AESTHETIC DESIGN

QUIET & COMFORTABLE

MORE APPLICATIONS

Saving each penny for the planet.

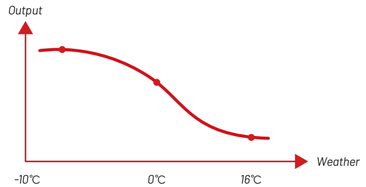
With A+++, the ZEALUX® heat pump adpots the new-generation INVERBOOST® full inverter technology to maximize COP performance with an efficiency increase of 30%.

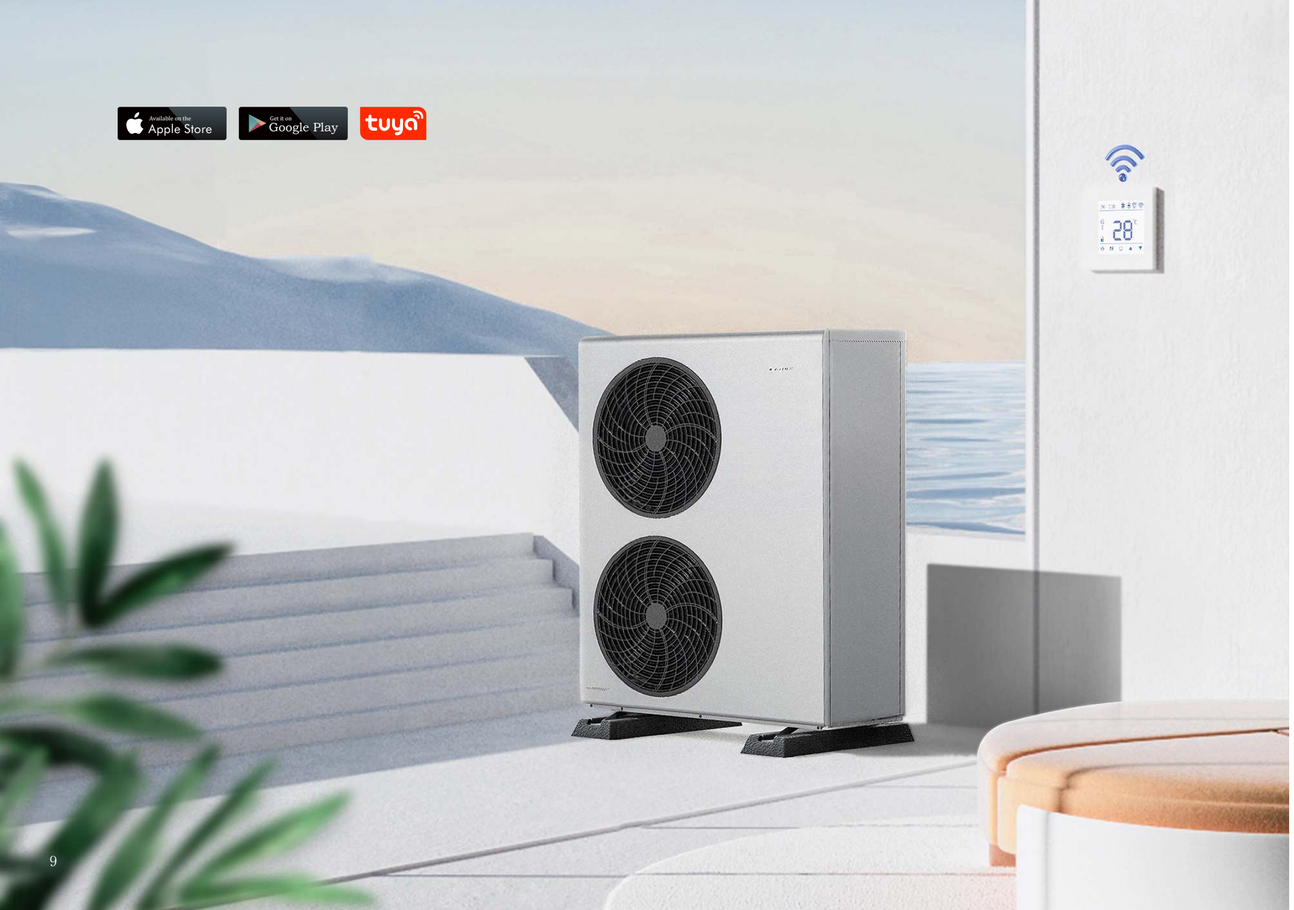
Thanks to its intelligent adjustment, ZEALUX® heat pumps work more efficiently and keep your energy bill as low as possible. Less consumption, same output.

A+++

Weather compensation to achieve the highest Seasonal COP

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





Saving the planet

Intelligent Control

Thanks to the smartphone remote control app, "TUYA SMART", homeowners can simplify smart home management. Via the app, it's simple to set the desired temperature anytime anywhere and maintain a warm indoor environment through subtle and continuous adjustments, resulting in a further reduction of running costs—saving each penny.

- *Switch ON/OFF*
- *Set temperature and operating parameters*
- *Switch operation mode*
- *Check heat pump running status*
- *Set timer*

Key Advantages

***Multi-functional designs retain home comfort and low-carbon life**

***User-friendly operations easily control the entire heating and cooling system**

***Colorful and visual user interfaces display data accurately and intuitively**

Offer smart option for the interactive communication between end-users and technicians and provide instructions for after-sales and troubleshooting.

Saving the planet

Heat pumps are a win-win: great for home owners, and great for the planet. ZEALUX® heat pump is eligible for various subsidies that can save big on your heating and cooling system.

EUROPE HEAT PUMP SUBSIDIES ONGOING

UK

Boiler Upgrade Scheme:

£7500(€ 8714)subsidy for air source heat pumps and £7500(€ 8714) for ground source heat pumps for new buildings and retrofits.

Germany

Die bisherige Förderung des Bundesamtes für Wirtschaft und Ausfuhrkontrolle (BAFA):

Ein Zuschuss von bis zu 15.000 € ist verfügbar, bis zu 18.000 € vor 2030 für nachgerüstete Luftwärmepumpen.

France

MaPrimeRenov and Coup De Pouce chauffage:

Pour les propriétés existantes, une subvention pouvant aller jusqu'à 15 000 € est disponible pour les pompes à chaleur géothermiques, et jusqu'à 9 000 € pour les pompes à chaleur air-air.

Italy

Fiscal bonus scheme:

Tre regimi di sgravi fiscali che coprono il 50-110% dei costi delle pompe di calore per i progetti di ristrutturazione.

Czyste powietrze:

Do €2,300 dotacji na modernizację powietrznych pomp ciepła;W przypadku istniejących nieruchomości, do €15,000 dotacji na gruntową pompę ciepła, do €9,000 na powietrzną pompę ciepła.

Poland

Moja energia elektryczna:

Dotacja do €1,060 na powietrzne pompy ciepła i pompy ciepła do ciepłej wody użytkowej w połączeniu z systemami fotowoltaicznymi i magazynowaniem energii;

Moje ciepło:

Dotacja do €1,500 na instalacje pomp ciepła w nowych budynkach;

Ulga podatkowa na modernizację:

Ulga podatkowa do €3,600 na modernizację pomp ciepła.

For more details on heat pump subsidies, please refer to the European Heat Pump Association (EHPA)

website : https://www.ehpa.org/subsidies-for-residential-heat-pumps-in-europe/

At present, the governments of most countries are actively promoting the application of heat pumps and subsidy policies, which shows that the broad prospect of heat pump as a green renewable energy. The choice of heat pump is not only a powerful practice of low-carbon life, but also a stable and reliable home heating solution. We will continue to pay attention to the heat pump subsidy policy, to provide more efficient, more environmentally friendly products, as well as more intimate service, so that our customers use our heat pump more economically and conveniently.

Customized for your garden, no more ugly rusting.

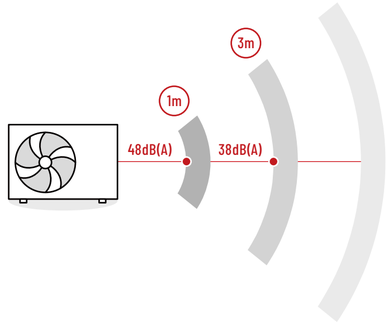
The minimal design, at the crossroads of contemporary aesthetics and functionality, demonstrates a harmonious fusion between advanced technology and elegance and blends seamlessly into your garden. It uses premium materials and processing to achieve rust-free perfection in each and every detail. We balance quality and craftsmanship, creating harmonious spaces for your garden.

Proven Reliability & Modern Design & Rust proofing & Easier Maintenance

Hidden screws

Silent Operation

ZEALUX® heat pumps adopt innovative technology to reduce noise with an impressive 20% quieter operation. Invest in our low-noise heat pumps to enjoy a quieter and more harmonious living environment.



Garden design

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

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

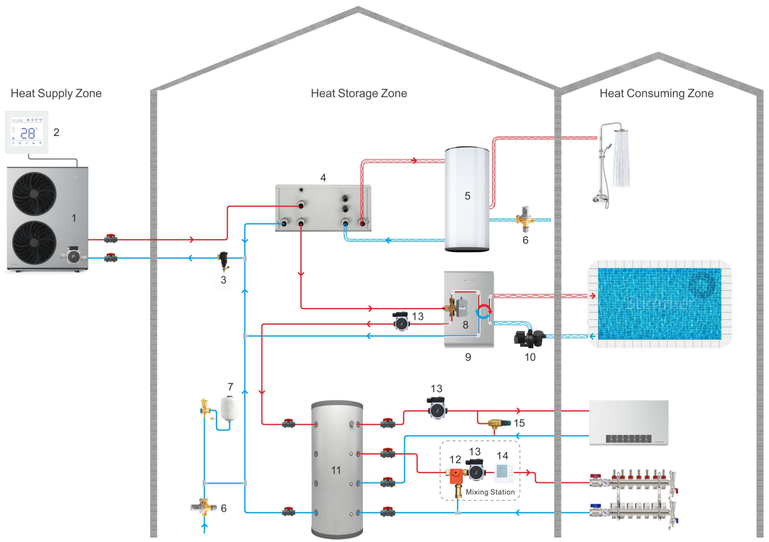
The new-generation INVERBOOST® with full-inverter technology is designed for house heating in winter, additional heating for Pool&SPA in summer, 365 days green home.

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

ZEALUX® cylinders provide hot water up to 65°C.

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

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

ZEALUX INVERBOOST Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, R32, Horizontal, CE standard, A+++

-15°C 43°C

Zealux Model			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	3.98	6.53	7.74	10.71	7.50	10.71
	Power input	kW	1.27	2.16	2.45	3.52	2.37	3.49
	COP		3.14	3.02	3.16	3.04	3.17	3.07
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	3.68	6.83	7.60	10.8	7.40	10.86
	Power input	kW	1.73	3.10	3.41	5.4	3.66	5.43
	COP		2.13	2.20	2.23	2.00	2.02	2.00
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.21	10.11	12.03	16.52	12.00	16.18
	Power input	kW	1.53	2.38	2.62	3.91	2.58	3.62
	COP		4.70	4.25	4.59	4.23	4.65	4.47
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	7.15	9.73	11.97	16.22	12.00	15.83
	Power input	kW	2.49	3.21	3.89	6.12	3.90	4.99
	COP		2.87	3.03	3.08	2.65	3.08	3.17
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW	4.62	7.44	9.77	12.18	9.90	12.56
	Power input	kW	1.58	2.96	3.66	4.11	3.27	4.12
	EER		2.92	2.51	2.67	2.96	3.03	3.05
Pool & SPA Side at Air 15°C, Water 28°C	Heating capacity	kW	8.79	8.7	8.77	8.88	6.5	9.62
	Power input	kW	1.35	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	17.0	20.0	28.0	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.*

ZEALUX INVERBOOST EVI Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, R32, Horizontal, CE standard, A+++

-25°C 43°C

Zealux Model				XAH10Csiu32	XAH12Csiu32T	XAH19Csiu32T	XAH26Csiu32T
Suggested buffer tank				60L	60L/80L	60L/80L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW		10.11	12.0	19.0	26.0
	Power input	kW		2.38	2.58	4.08	5.60
	COP			4.25	4.65	4.66	4.65
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW		9.73	12.0	18.78	26.0
	Power input	kW		3.21	3.90	6.16	8.45
	COP			3.03	3.08	3.05	3.06
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW		6.53	7.50	11.88	16.25
	Power input	kW		2.16	2.37	3.74	5.14
	COP			3.02	3.17	3.17	3.16
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW		6.83	7.40	11.72	16.03
	Power input	kW		3.10	3.66	5.58	7.63
	COP			2.20	2.02	2.10	2.10
Heating at Air -15°C, Water 30/35°C	Heating capacity	kW		7.96	9.31	15.02	20.55
	Power input	kW		3.04	3.23	5.25	7.16
	COP			2.61	2.88	2.86	2.87
Heating at Air -15°C, Water 50/55°C	Heating capacity	kW		6.91	9.25	14.71	20.13
	Power input	kW		3.74	4.44	7.09	9.68
	COP			1.85	2.08	2.08	2.08
Heating at Air -22°C, Water 30/35°C	Heating capacity	kW		6.76	7.66	11.73	16.1
	Power input	kW		3.01	3.27	5.57	7.0
	COP			2.25	2.35	2.11	2.30
Heating at Air -22°C, Water 50/55°C	Heating capacity	kW		4.87	5.18	11.0	15.1
	Power input	kW		4.10	4.77	7.90	12.0
	COP			1.19	1.09	1.39	1.26
Cooling at Air 35°C, Water 12/7°C	Cooling capacity	kW		6.56	8.06	12.76	17.82
	Power input	kW		2.54	2.67	4.17	5.86
	EER			2.58	3.02	3.06	3.04
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	3.68	4.61	6.58	8.56
Rated current			A	16.0	6.0	10.0	13.0
Minimum fuse current			A	20.0	8.0	12.0	16.0
Suggested water flux			m^3/h	1.7	2.1	3.3	3.8
Water connection				G1"	G1"	G1"	G1-1/4"
Sound pressure level (1m)			dB(A)	51	55.3	56.1	57.4
Sound pressure level (3m)			dB(A)	41.5	45.8	46.6	47.5
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.

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

-25°C 43°C

Zealux Model			XAH07Csi9	XAH10Csi9	XAH12Csi9	XAH16Csi9T
Suggested buffer tank			60L	60L	60L/80L	80L/100L
Heating at Air -7℃, Water 30/35℃	Heating capacity	kW	7.00	10.00	12.07	16.00
	Power input	kW	1.56	2.22	2.68	3.56
	COP		4.50	4.50	4.50	4.50
Heating at Air -7℃, Water 50/55℃	Heating capacity	kW	7.00	10.00	12.00	16.00
	Power input	kW	2.33	3.33	4.00	5.33
	COP		3.00	3.00	3.00	3.00
Heating at Air 7℃, Water 30/35℃	Heating capacity	kW	4.00	7.00	8.00	11.00
	Power input	kW	1.29	2.26	2.58	3.55
	COP		3.10	3.10	3.10	3.10
Heating at Air 7℃, Water 50/55℃	Heating capacity	kW	4.00	7.00	8.00	11.00
	Power input	kW	1.82	3.18	3.64	5.00
	COP		2.20	2.20	2.20	2.20
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	3.60	7.20
Rated current		A	10.6	16.0	6.0	11.0
Minimum fuse current		A	14.0	20.0	9.0	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)	51	55.3	56.1	56.3
Sound pressure level (3m)		dB(A)	41.5	45.8	46.6	46.8
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.