

# Saving Each Penny For The Planet

Leading Next-generation House, Pool & SPA Heating Solutions



Saving the planet



Garden design



4-Seasons



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# About ZEALUX®

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 and hot water with renewable energies to provide the most energy-efficient, climate-compensated solution for any building or home.

We have adopted "**365 Days Green Home**" as a strategic goal for sustainable development, aiming to build a better, more sustainable, and more vibrant planet.

## Born For Innovation

2022-2023			<b>Leading Next-generation Heating Solutions for House, Pool, SPA.</b>	 <p>Saving the planet</p>  <p>Garden design</p>  <p>365 Days 4-Seasons</p>
2020-2021			<i>Ultra silent ZEALUX® UX solution with a cutting edge back-discharge design.</i>	
2019-2020			<i>Innovative INVERBOOST® PX solution with extra 20% heating capacity by turbo function.</i>	
2017-2018			<i>Upgraded solution using new refrigerant gas R32.</i>	
2016-2017			<i>Narrowed the price gap between inverter-driven and traditional ON/OFF system.</i>	
2013-2015			<i>The first INVERBOOST® was introduced. Achieved the highest efficiency in the industry.</i>	
1999-2012			<i>Focused on the reliability issues at the first two years, winning recognition for over 10+ years.</i>	



Saving the planet

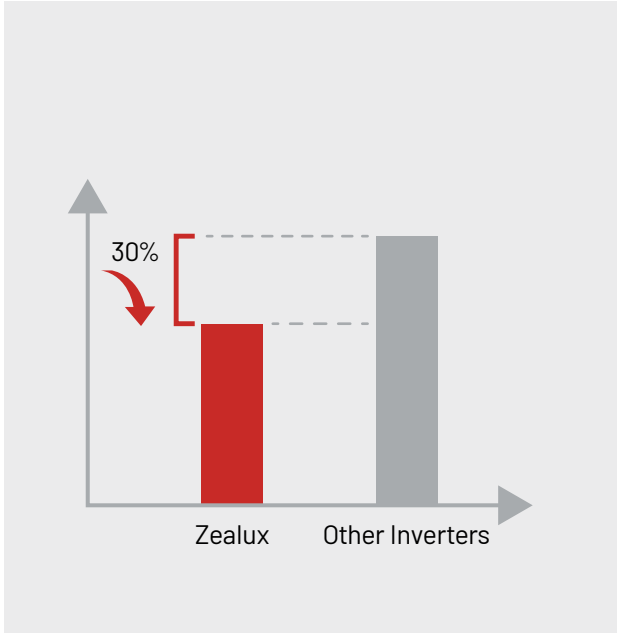
# INVERBOOST®

## Full-inverter Technology Since 2013

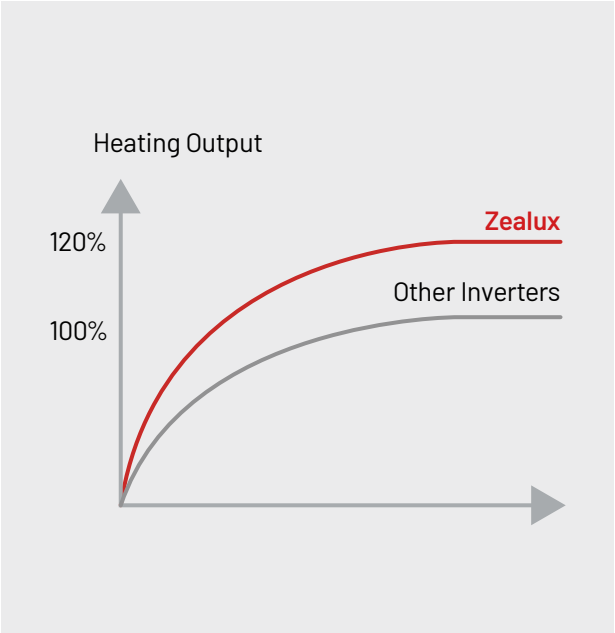
*For over a decade, INVERBOOST® fully inverter technology has been specifically designed to reduce energy consumption and ensure optimal performance. Our signature full inverter technology serves as the cornerstone for developing energy-efficient and eco-friendly products, which are tailored for Space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

# Our Technologies At A Glance

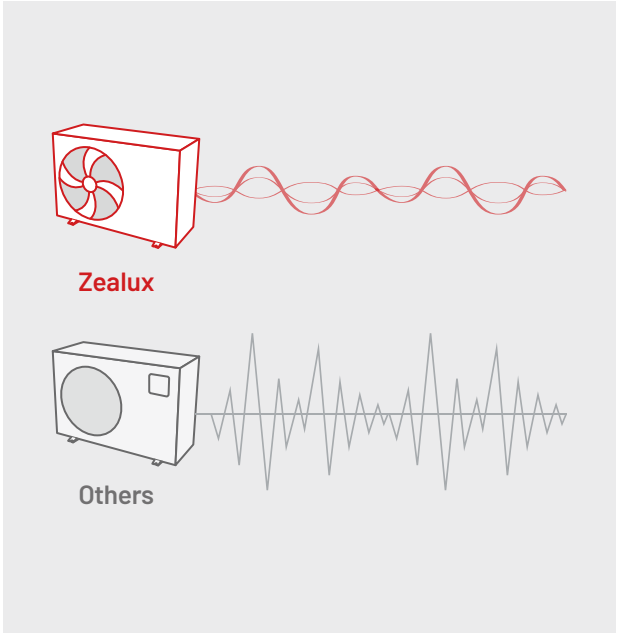
Energy-saving INVERBOOST® technology ensures a greener future



30% Energy Savings



120% Heating Output



20% Noise Reduction



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# Intelligent Control

“TUYA SMART” is an innovative app that gives you complete control of your pool heat pump. Via the app, it's convenient to pre-heat the pool before you arrive home, set the timer ahead of schedule, and switch different modes. The effective built-in Wi-Fi and remote control further reduce running costs – saving each penny.

## Easy-to-use Controller

- Water pump-pilot function
- Heating, cooling and auto mode for options
- Timing priority logic for worry free filtration system



## Control Your Pool Heat Pump Anywhere and Anytime

- Start / Stop your heat pump
- Check / Set the pool temperature and timer
- Switch operation mode
- Check the heat pump data
- Parameter setting
- Error code notifications





## Garden Design

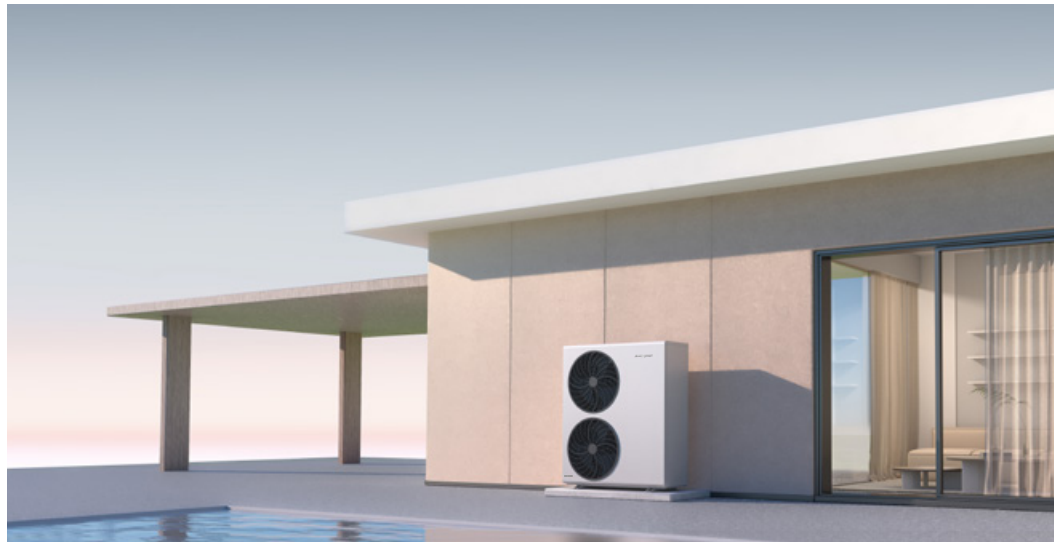
The minimalist design, at the crossroads of contemporary aesthetics and functionality, demonstrates a harmonious fusion between advanced technology and elegance and blends seamlessly into your garden. It uses premium materials and processing to achieve rust-free perfection in each and every detail. We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



*Proven Reliability & Modern  
Design & Rust Proofing  
& Easier Maintenance*



*Hidden Screws*



## Operating at Extreme Temperature -25

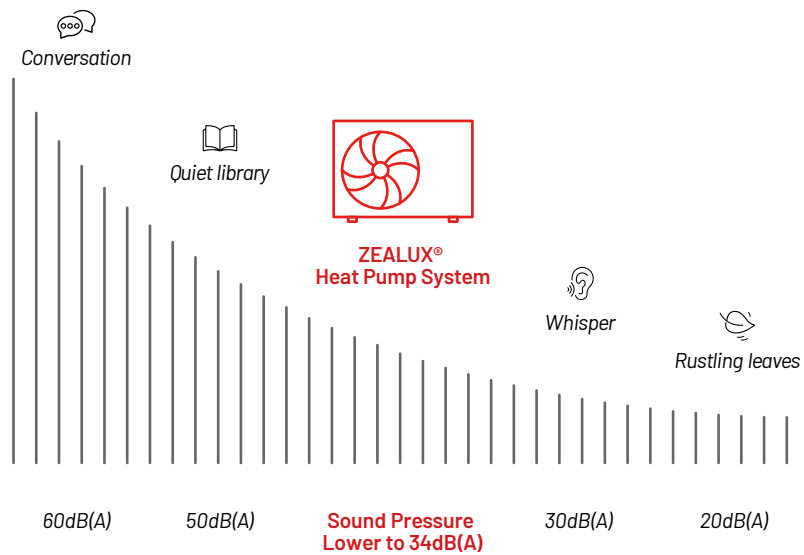
-25°C

43°C

# Harmonious Neighbourhood

ZEALUX® pool heat pump adopts innovative technology to reduce noise with an impressive 20% quieter operation. Customized for your garden, it contributes to a quiet environment and keeps a harmonious neighborhood.

## 34dB(A)



365 Days  
4-Seasons



28°C

40°C

# 365 Days Green Home | Good Times Start Now

ZEALUX® heat pumps bring you the ultimate experience, unlocking the perfect temperature for your House, Pool & SPA. No more too hot or too cold – just the warmth you desire.



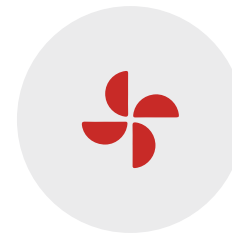
## Smart Mode

Dynamically working to maintain your pool temperature according to the real time heat demand.



## Silent Mode

It achieves the highest energy efficiency and greatly improves customers' experience with a quieter operation.



## Turbo Mode

Intelligent operation to achieve extra 20% heating capacity, fast heating & excellent performance in achieving the desired temperature in the shortest time.

# Product Family

## H & P (P14-21)

- \* A+++ Verification
- \* All-in-one Applications
- \* Government Subsidies Support



-25°C 43°C



7°C 43°C

## UX (P22-25)

- \* Extra 20% Heating Capacity by Smart Turbo
- \* 30% Energy Savings
- \* Chill-Wind Proof Design



-12°C 43°C

## VX (P26-29)

- \* 20% Noise Reduction
- \* COP up to 16
- \* Flexible Installation



-12°C 43°C

## PBS (P30-33)

- \* COP up to 16
- \* Built-in WIFI
- \* Garden Design



-12°C 43°C

## Commercial (P34-37)

- \* 30% Energy Savings
- \* Centralized Control
- \* Galvanized Metal Casing



-12°C 43°C

## MINI Heater (P38-41)

- \* Pay 1 to get 4 Heating Capacity
- \* Plug & Play
- \* Light & Portable



12°C 43°C



## H&P

A+++ Verification, the FIRST INVERBOOST®  
Leading Next-generation House, Pool & SPA Heating  
Solutions with Government Subsidies

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.



Saving the planet

### A+++ Verification

- \* Weather compensation to achieve the highest Seasonal COP
- \* Efficiency increase of 30%
- \* Government Subsidies



Garden design

### Modern Minimalist Aesthetic Design

- \* Monobloc compact design
- \* Aluminum casing, no more ugly rusting
- \* 20% lower operating noise



4-Seasons

### All-in-one Applications

- \* Domestic heating/cooling
- \* Additional heating/cooling for Pool&SPA
- \* Domestic hot water supply for homeowners everyday
- \* Compatible with floor heating, fan coils, or radiators





**ZEALUX INVERBOOST Air to Water Heat Pump for House Heating / Domestic Hot Water / Pool&Spa Heating, Plate Heat Exchanger, R32, Horizontal, CE standard, A+++**



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	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
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	10.80	7.40	10.86
	Power input	kW	1.73	3.10	3.41	5.40	3.66	5.43
	COP		2.13	2.20	2.23	2.00	2.02	2.00
Pool &SPA Side at Air 15°C, Water 28°C	Heating capacity	kW	8.79	8.70	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

**General Data**

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	m³/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+++**



Zealux model			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	2.38	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	12.00	18.78	26.00	
	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	16.10	
	Power input	kW	3.01	3.27	5.57	7.00	
	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	11.00	15.10	
	Power input	kW	4.10	4.77	7.90	12.00	
	COP		1.19	1.09	1.39	1.26	
<b>General Data</b>							
Compressor type			Inverter compressor				
Power supply			V	220-240V/50Hz/1PH	380-410V/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			m³/h	1.7	2.1	3.3	3.8
Water connection				G1 "	G1 "	G1 1/4"	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 data above are only for 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+++**



Zealux model			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	7.00	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°C, Water 50/55°C	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°C, Water 30/35°C	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°C, Water 50/55°C	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

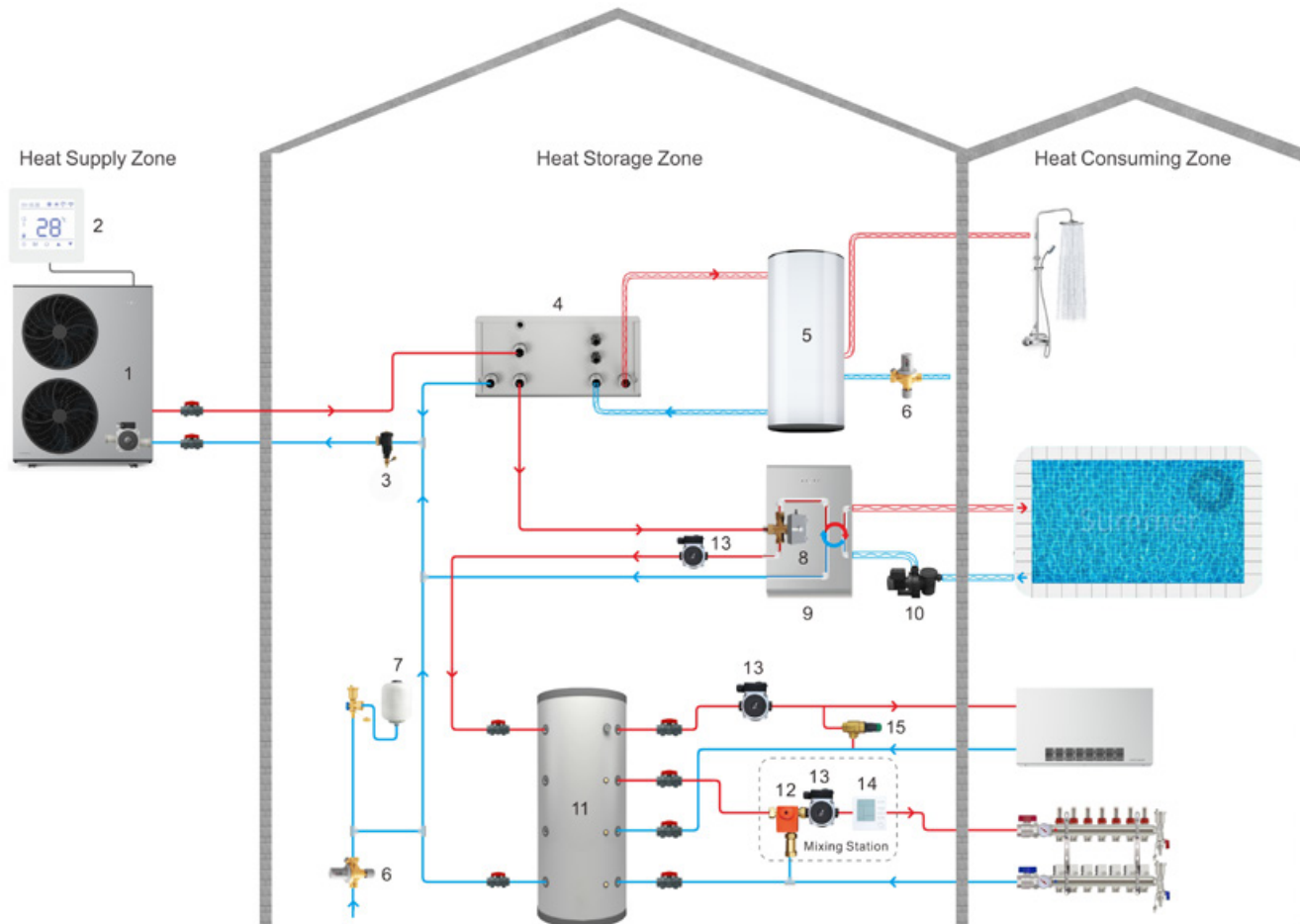
**General Data**

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	m³/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.



The ZEALUX® air-to-water heat pump extracts heat from the air and transfers it through water to heat and cool. It provides consistent room temperature, hot water everyday, domestic heating and cooling, and pool&spa heating and cooling for the ultimate swimming season experience. 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

The full use of air-to-water heat pump and pool exchanger achieves maximum efficiency, making it a wise and ideal choice for users' needs.



Threaded titanium exchanger, high efficiency heat transfer, corrosion resistance.



Smart TUYA APP, remote control available.





Compact and space-saving.



Suitable for use with residential heat pumps, extending Pool&SPA seasons.

**Notice:** Swimming pool heat exchangers are designed to operate between 7°C and 43°C. It must be placed on a level floor.

Model	 WX-17		 WX-25	
Power supply	220-240V/1Ph/50Hz			
Rated current (A)	0.6		0.6	
Rated power input (W)	12		12	
<b>Heat pump side water supply 35°C, pool side water inlet/outlet 26°C/28°C</b>				
Heating exchange capacity (kW)	13.6		25.5	
Heat pump side water flow (m <sup>3</sup> /h)	2.85		4	
Heat pump side connection	G1"		G1"	
Recommend heat pump	XAH07Csi32	XAH10Csi32	XAH12Csi32	XAH16Csi32
Pool side water flow (m <sup>3</sup> /h)	5.4	10.5	6.6	13.8
Pool side connection	DN50		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	

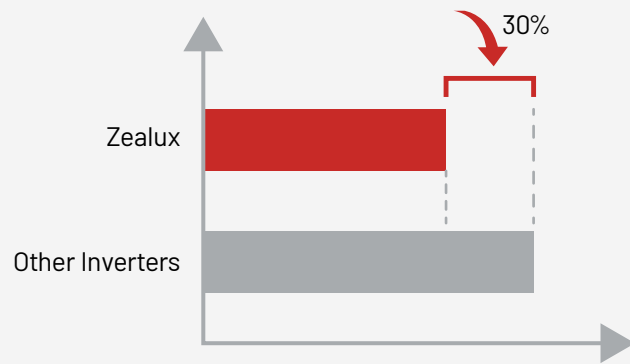


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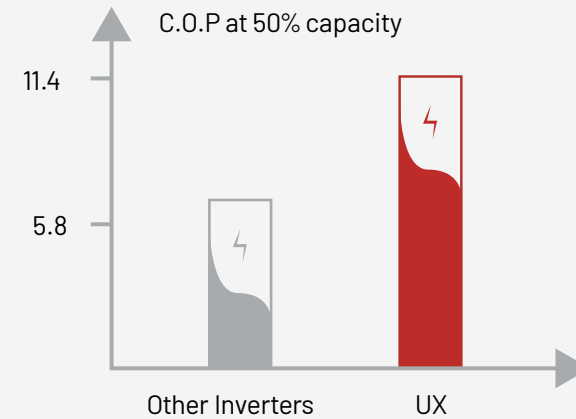


## UX

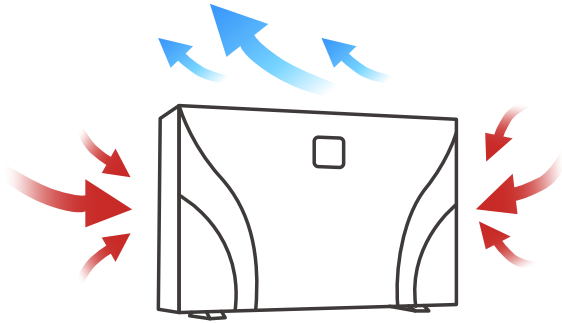
ZEALUX® UX pool heat pumps are an energy-efficient solution for Pool&SPA heating with COP up to 16, leading to lower energy bills and save each penny for the planet.



**30% Energy Savings**



**Extra 20% heating capacity by Smart Turbo**



### Chill-Wind Proof Design

Unique side air intake, no disturbance to swimmers.



### Aluminum+ASA Cabinet

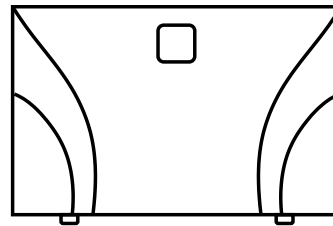
Outstanding rust-proofing, as beautiful as the first sight.



0dB



30dB



Sound Pressure  
Lower to **36dB(A)**



60dB



90dB



365 Days  
4-Seasons



**ZEALUX INVERBOOST UX Series PHP, R32, Aluminum+ Premium ASA cover, Heating & Cooling with compressor defrosting, CE Standard**

Zealux model		UX11Csi32	UX14Csi32	UX17Csi32	UX21Csi32	UX26Csi32	UX26Csi32T	UX30Csi32	UX30Csi32T	UX35Csi32T	UX40Csi32T	
Advised pool volume (with pool cover)	m <sup>3</sup>	16-60	18-66	25-85	58-120	65-132	65-132	78-150	78-150	85-160	85-180	
<b>* Performance at Air 28°C, Water 28°C, Humidity 80%</b>												
Turbo Heating capacity	kW	11.0	14.0	17.0	21.0	26.0	26.0	30.0	30.0	35.0	40.0	
Smart Heating capacity	kW	10.0	11.0	14.0	18.0	21.0	21.0	25.0	25.0	30.0	35.0	
Power consumption	kW	1.49-0.17	1.97-0.22	2.36-0.27	2.96-0.33	3.66-0.29	3.62-0.29	4.22-0.47	4.22-0.47	4.93-0.55	5.64-0.63	
C.O.P.		16-7.4	16-7.1	16-7.2	16-7.1	16-7.1	16-7.1	16-7.1	16-7.1	16-7.1	16-7.1	
C.O.P. in TURBO Mode		7.4	7.1	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	
C.O.P. at 50% capacity		11.4	11.0	11.4	11.2	11.2	11.2	11.2	11.2	11.2	11.4	
<b>* Performance at Air 15°C, Water 26°C, Humidity 70%</b>												
Turbo Heating capacity	kW	8.5	9.5	12.0	15.5	18.0	18.0	20.0	20.0	24.0	28.0	
Smart Heating capacity	kW	7.0	8.0	10.5	13.5	16.0	16.0	18.0	18.0	22.0	24.0	
Power consumption	kW	1.67-0.26	1.90-0.29	2.31-0.37	3.04-0.47	3.53-0.55	3.53-0.55	3.92-0.61	3.85-0.61	4.62-0.73	5.38-0.85	
C.O.P.		8.2-5.1	8.21-5	8.5-5.2	8.3-5.1	8.2-5.1	8.2-5.1	8.2-5.1	8.2-5.2	8.2-5.2	8.3-5.2	
C.O.P. in TURBO Mode		5.1	5.0	5.2	5.1	5.1	5.1	5.1	5.2	5.2	5.2	
C.O.P. at 50% capacity		7.1	7.0	7.4	7.4	7.2	7.2	7.2	7.2	7.2	7.4	
Compressor type	Inverter compressor											
Voltage	V	220-240V/50Hz to 60Hz/1PH					380-415V/50Hz/3PH	220-240V/50Hz to 60Hz/1PH	380-415V/50Hz/3PH			
Rated current	A	6.9	8.7	10.6	13.1	16.3	6.5	18.5	7.5	8.8	10.1	
Minimum fuse	A	12	15	16	22	28	12	32	15	17	20	
Advised water flux	m <sup>3</sup> /h	3.7	4.0	5.0	6.0	8.0	8.0	10.0	10.0	15.0	18.0	
Heat exchanger	Twist Titanium exchanger											
Water connection	mm	50										
Sound pressure at 10m	dB(A)	17.8-26.2	21.7-26.7	22.6-28.1	22.9-30.6	23.1-31.8	23.1-31.8	23.2-32.4	23.2-32.4	23.4-32.8	23.4-33.4	
Sound pressure at 1m	dB(A)	36-46.2	38-47.6	39.5-49.8	40-51	41-51.6	41-51.6	42-51.8	42-51.8	42.8-52	43.1-53.2	
Net weight	kg	71	72	89	95	130	130	147	153	154	159	
Gross weight	kg	78	79	96	102	137	137	154	160	161	173	
Net dimension	mm	1028*441*685		1073*467*886		1039*467*1289		1113*480*1410				
Packing dimension	mm	1140*500*830		1185*530*1030		1150*515*1435		1225*540*1555				

The data above is just for reference. For model specifications, please refer to the nameplate on the unit.

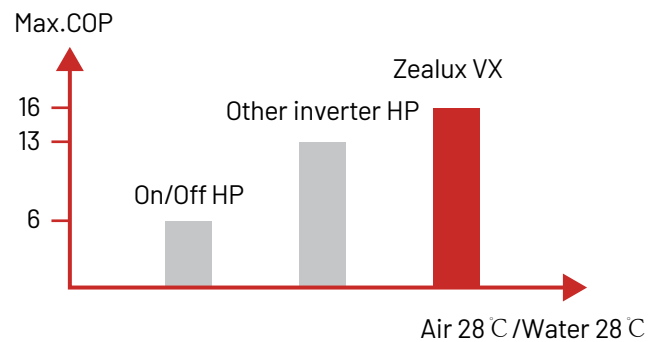


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## VX

Built-in WiFi control allows you to control and monitor your ZEALUX® VX pool heat pumps anytime and anywhere. Intelligent and real-time adjustments achieve the best performance and high efficiency.



### COP up to 16

3 working modes: Turbo, Smart and Silence, the VX range could maximize energy efficiency with a COP up to 16, more energy saving.



### **Flexible Installation**

Air top discharge design, space saving for flexible installation.



### **20% Noise Reduction**

Sound Pressure Lower to 34dB(A)

Designed to be quiet, perfect harmony of performance, energy efficiency, and comfort.

365 Days  
4-Seasons



**ZEALUX INVERBOOST VX Series PHP, R32, Heating&Cooling with compressor defrosting, Vertical**

Zealux model		INVERBOOST VX17i	INVERBOOST VX26i	INVERBOOST VX30iT
Advised pool volume(with pool cover)	m <sup>3</sup>	24-86	63-132	70-182
<b>* Performance at Air 28°C, Water 28°C, Humidity 80%</b>				
Turbo heating capacity	kW	16	26	30
Smart heating capacity	kW	14	20	26
Power consumption	kW	2.39-0.23	3.81-0.37	4.48-0.42
C.O.P.		16-6.7	16-6.7	16-6.7
C.O.P. in Turbo Mode		6.7	6.7	6.7
C.O.P.at 50% capacity		10.4	10.3	10.3
<b>* Performance at Air 15°C, Water 26°C, Humidity 70%</b>				
Turbo heating capacity	kW	11.2	18	22
Smart heating capacity	kW	9.5	15	18
Power consumption	kW	2.24-0.4	3.6-0.59	4.4-0.67
C.O.P.		8.2-5	8.2-5	8.2-5
C.O.P. in Turbo Mode		5	5	5
C.O.P.at 50% capacity		6.8	6.7	6.7
Compressor type		Inverter compressor		
Voltage	V	220-240V/50Hz to 60Hz /1PH		380-415V/50Hz/3PH
Rated current	A	11.3	16.9	8.5
Minimum fuse	A	20	30	13
Advised water flux	m <sup>3</sup> /h	4.7	8.2	10.3
Heat exchanger		Twist Titanium exchanger in PVC		
Water connection	mm	50		
Noise level(10m)	dB(A)	≤ 30	≤ 32	≤ 33
Noise level(1m)	dB(A)	34-48	36-50	36-52
Net weight	kg	87	126	132
Gross weight	kg	94	133	139
Net dimension	mm	744*780*809	910*920*999	
Packing dimension	mm	765*850*949	1000*950*1143	

The data above is just for reference.For model specifications,please refer to the nameplate on the unit.

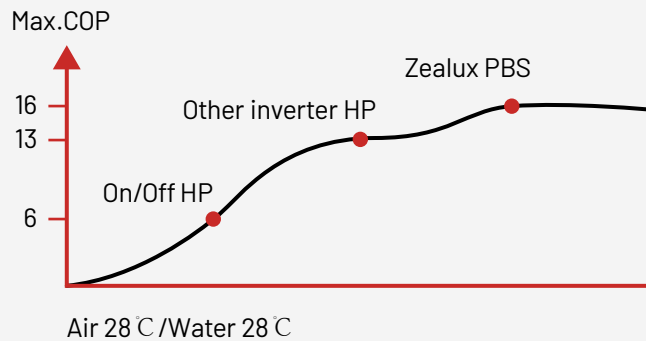


Saving the planet



## PBS

Save money and energy with the ZEALUX® PBS Pool Heat Pumps. Already known as being dependable and efficient, ZEALUX® PBS heats pools and spas in an energy-efficient and economical way.



### COP up to 16

60% energy saving against the traditional heat pump



### Smartphone Control

Set ideal water temperatures ahead of schedule, then enjoy your total comfort.

# Garden design



Modern Minimalist Aesthetic Design

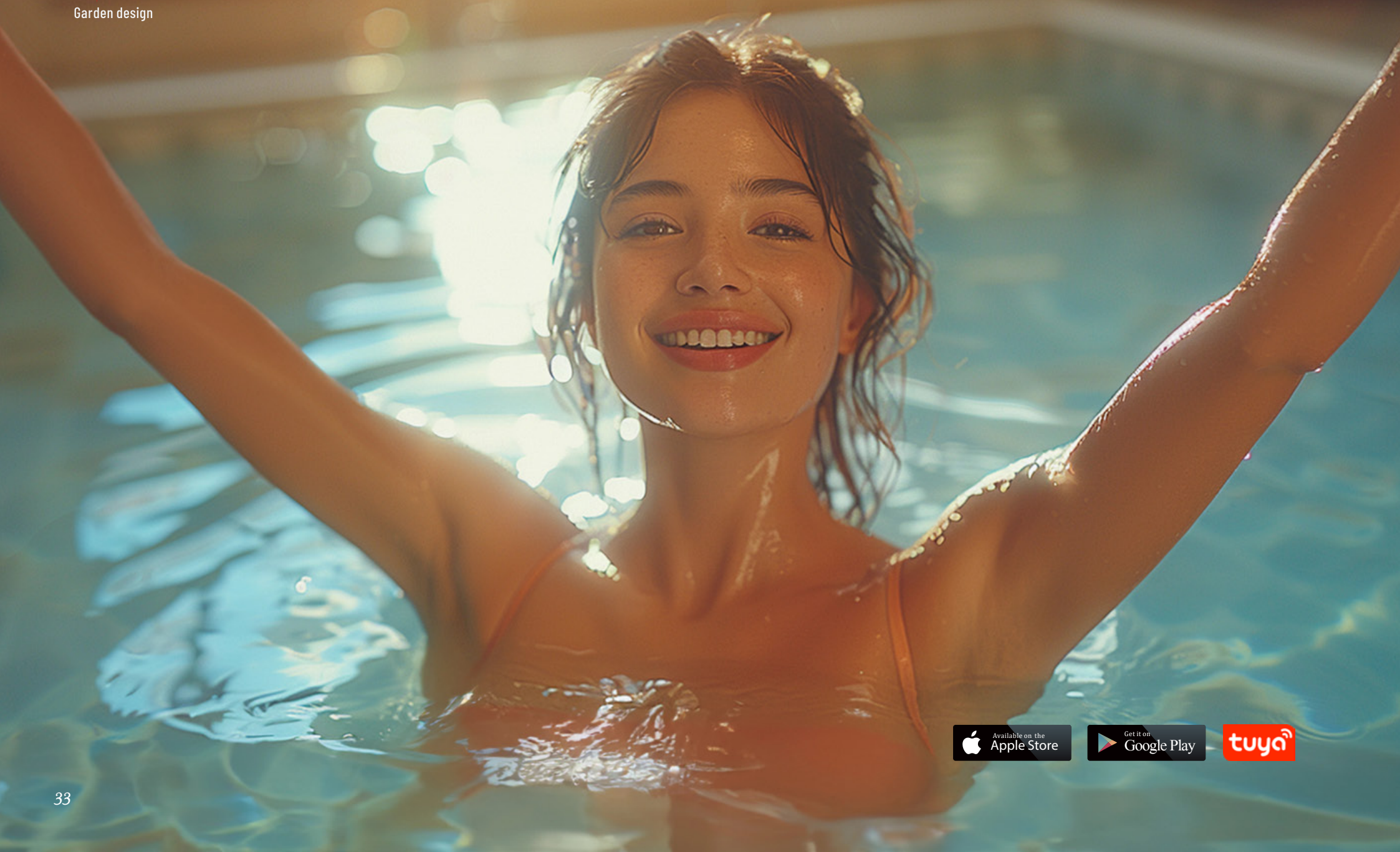


Durable ABS Cabinet



Rust-proof & UV-resistance





**ZEALUX INVERBOOST PBS Series PHP, Full inverter, Heating&Cooling with compressor defrosting, ABS cabinet, CE Standard,Horizontal**

Zealux model		INVERBOOST 075P	INVERBOOST 095P	INVERBOOST 125P	INVERBOOST 145P	INVERBOOST 165P	INVERBOOST 215P	INVERBOOST 255P	INVERBOOST 305P	INVERBOOST 305PT	
Advised pool volume (with pool cover)	m <sup>3</sup>	10-25	12-33	15-60	18-66	25-85	55-120	65-130	75-180	75-180	
<b>* Performance at Air 28°C, Water 28°C, Humidity 80%</b>											
Heating capacity	kW	7.5-2.2	9.5-2.3	12.5-2.9	14.5-3.2	16.5-3.8	19.5-4.7	24.5-5.9	28.5-6.8	28.5-6.8	
Power consumption	kW	1.3-0.14	1.64-0.14	2-0.18	2.34-0.2	2.75-0.24	3.25-0.29	4.08-0.37	4.75-0.43	4.75-0.43	
C.O.P.		16-5.6	16-5.8	16-6.2	16-6.2	16-6	16-6	16-6	16-6	16-6	
<b>* Performance at Air 15°C, Water 26°C, Humidity 70%</b>											
Heating capacity	kW	4.7-2.5	6.6-1.9	8.5-2	9.5-2.2	11.2-3	14-3.9	17.2-4.5	22.2-5.6	22.2-5.6	
Power consumption	kW	1.02-0.35	1.43-0.27	1.89-0.28	2.07-0.31	2.43-0.42	3.11-0.54	3.74-0.63	4.82-0.78	4.82-0.78	
C.O.P.		7.1-4.5	7.1-4.5	7.2-4.5	7.2-4.5	7.2-4.5	7.2-4.5	7.2-4.5	7.2-4.6	7.2-4.6	
Compressor type		Inverter compressor									
Voltage	V	220-240V/50Hz to 60Hz/1PH								380-415V/ 50Hz/3PH	
Rated current	A	5.8	6.9	8.9	10.0	12.2	14.4	18.1	21.0	8.5	
Minimum fuse	A	9	10	14	15	18	22	27	34	13	
Advised water flux	m <sup>3</sup> /h	2.5	2.8	3.7	4.0	4.6	5.0	8.0	10.0	10.0	
Water pressure drop	Kpa	12	12	14	15	15	18	20	25	25	
Heat exchanger		Twist-titanium tube in PVC									
Water connection	mm	50									
Fan quantity		1							2		
Ventilation type		Horizontal									
Fan speed	RPM	550-850							(550-850)*2		
Noise level(10m)	dB(A)	≤41	≤42	≤42	≤43	≤43	≤45	≤46	≤49	≤49	
Noise level(1m)	dB(A)	40-50	40-52	40-52	40-54	41-54	41-54	42-60	42-60	42-60	
Net weight	kg	44	47	54	57	62	78	84	112	112	
Gross weight	kg	51	54	61	64	69	85	91	119	119	
Net dimension	mm	859*357*593			986*375*693			1074*379*894		1040*369*1297	
Packing dimension	mm	925*440*738			1095*410*838			1140*495*1038		1155*435*1440	

The data above is just for reference. For model specifications, please refer to the nameplate on the unit.



Saving the planet



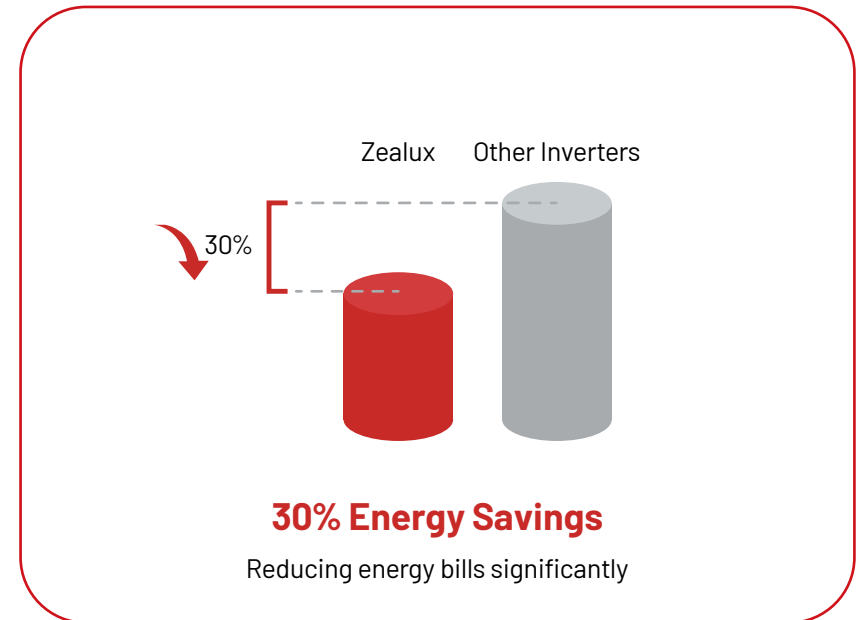
## Commercial

ZEALUX® commercial pool heat pumps ensure year-round comfortable pool water temperature for commercial use while saving big.



### Centralized Control

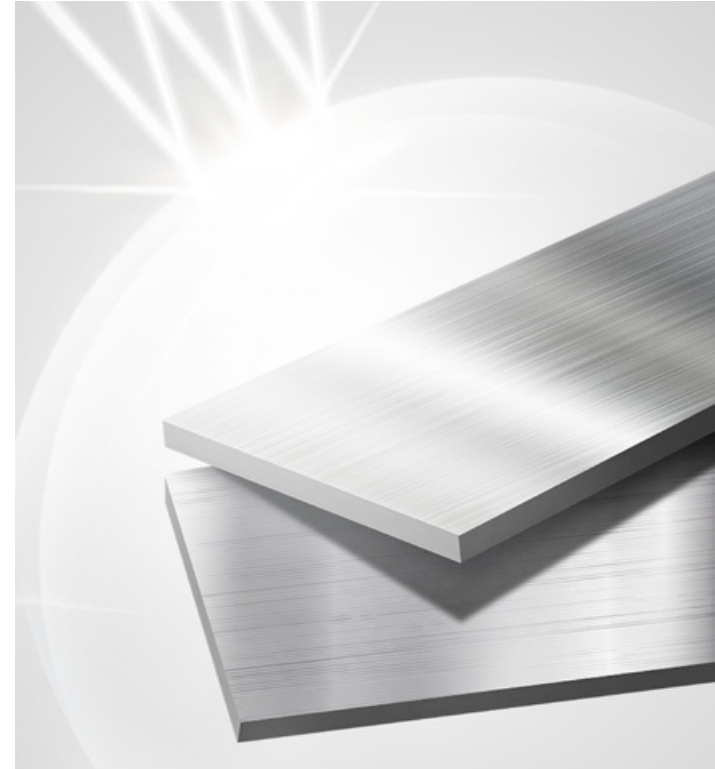
Modular design, 4 units can be set as one module and controlled flexibly, reaching max. 480kW heating capacity.





### **Elegant Design**

Minimalist and aesthetic design for commercial buildings



### **Exceptional Quality**

Galvanized metal casing, Rust-proof & UV-resistance,  
Long-lasting and trouble-free operation

365 Days  
4-Seasons

Well applied to public pools, hotel pools, school pools, and aqua parks, etc.



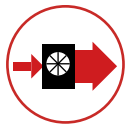
**Zealux Inverboost Commercial Pool Heat Pump, R410A, Full inverter, Heating & Cooling function, Vertical design**

Zealux model		XP450Cvi-400	XP660Cvi-400	XP900Cvi-400	XP1350Cvi-400	XP1900Cvi-400
Advised pool volume (with pool cover)	m <sup>3</sup>	110-160	150-260	180-360	220-520	360-650
<b>* Performance at Air 28°C, Water 28°C, Humidity 70%</b>						
Turbo Heating capacity	kW	45	60	90	130	185
Smart heating capacity	kW	36	55	77	110	150
Power consumption	kW	8.03-1.63	10.71-2.62	15.52-2.85	22-5.24	33.1-6.27
C.O.P. in Turbo Mode		5.6	5.6	5.8	5.9	5.9
C.O.P. at 50% capacity		10.3	10.4	10.5	10.5	10.5
<b>* Performance at Air 15°C, Water 26°C, Humidity 70%</b>						
Turbo heating capacity	kW	30	45	66	100	130
Smart heating capacity	kW	24	26	52	75	104
Power consumption	kW	6.67-1.25	10.47-2.47	13.75-2.38	23.26-5.49	27.65-5.25
C.O.P. in Turbo Mode		4.5	4.5	4.8	4.8	4.7
C.O.P.at 50% capacity		7.4	7.5	7.9	7.9	7.8
<b>* General data</b>						
Compressor type		Inverter compressor				
Compressor quantity		2	2	2	2	2
Voltage		380~415V / 50Hz / 3PH				
Rated current	A	14.50	16.50	28.00	34.50	53.00
Minimum fuse	A	22	25	42	52	80
Advised water flux	m <sup>3</sup> /h	22-30	26-35	37-45	55-65	80-95
Water pressure drop	KPa	30	32	35	38	46
Heat exchanger		Titanium exchanger in PVC				
Water connection	mm	63		90		
Fan quantity		1		2		
Ventilation type		Vertical				
Power input of Fan	kW	750		750*2		1100*2
Fan speed	RPM	800-550	800-550	700-500	800-550	800-550
Noise level(10m)	dB(A)	≤42	≤42	≤43	≤44	≤48
Noise level(1m)	dB(A)	43-61	44-62	44-62	46-65	50-68
Refrigerant Type		R410 A				
Refrigerant	g	5000	5600	11000	13000	19000
GWP Value		10.50	11.70	22.97	27.20	39.68
<b>Dimension/Weight</b>						
Net weight	kg	230	270	450	530	720
Gross weight	kg	258	310	500	600	800
Net dimension	mm	865*855*1495		1960*945*1565		2080*1172*1830
Packing dimension	mm	965*985*1665		2060*1045*1735		2360*1200*1935

The data above is just for reference. For model specifications, please refer to the nameplate on the unit.

# MINI Heater

Creates the new healthy lifestyle for above ground pools or spas.



## Pay 1 to get 4 heating capacity

More than 75% energy saving against the traditional electrical heater.



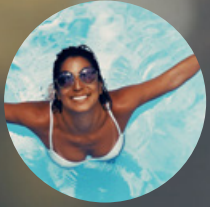
## Plug & Play

Quick installation, no need for a pre-installed by-pass.



## Light & Portable

Thoughtfully designed with a smaller footprint and lighter weight ensuring a space-saving installation.



**Good for health**



**Beneficial for children's growth**



**Enhance parent-child relationships**





**Various water temperature ranges**

From 10 to 42°C to meet different consumers' needs



**Eco-friendly**

R32 refrigerant



**Safe operation, hydropower  
deparation**



**Flexible water connection**

32 mm/38 mm

mini  
**Heater**



### R32 Mini Heater, Horizontal design, ABS + Metal cabinet

Model		XP025MINIDR3	XP045MINIDR3	XP055MINIDR3
Advised pool volume (with pool cover)	m <sup>3</sup>	0-10	5-16	10-20
<b>* Air 28°C, Water 28°C, Humidity 80%</b>				
Heat Output (kW)	kW	2.5	4.2	5.5
Power Consumption (kW)	kW	0.59	1.00	1.31
COP		4.2	4.2	4.2
<b>* Air 15°C, Water 26°C, Humidity 70%</b>				
Heat Output (kW)	kW	1.9	3.2	4.2
Power Consumption (kW)	kW	0.56	0.91	1.2
COP		3.4	3.5	3.5
Voltage		220-240V/50Hz/1Ph		
Rated Current	A	2.6	4.4	5.8
Fuse Current	A	7.5	13	16
Advised water flux	m <sup>3</sup> /h	2	2	2.5-3.2
Water Pressure Drop	KPa	4	2.5	8.5
Condenser		Titanium exchanger in PVC		
Water pipe in-out	mm	32 or 38mm		
Noise level(10m)	dB(A)	48	46	46
Noise level(1m)	dB(A)	57	55	55
Net Weight	kg	22	33	33
Gross Weight	kg	24	35	35
Net Dimension	mm	328*346*420	437*437*521	
Packing Dimension	mm	385*480*480	495*570*585	

The data above is just for reference. For model specifications, please refer to the nameplate on the unit.

# Product Support

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



**24Hrs**  
Failures Respond



**72 Hrs**  
Solutions



**24 Hrs/7d**  
Online Service



**72 Hrs**  
Spare Parts Express



## Maintenance

Heat pump is a versatile, efficient and environmentally friendly system. But like anything with a motor, regular maintenance and servicing is a necessity for your heat pump as it can go a long way in improving peak performance, decreasing your heating and cooling costs, and bringing you peace of mind.

## Troubleshooting

Heat pumps are a great home temperature control option for both heating and cooling. Like any equipment in your home, it's not unusual to experience heat pump problems from time to time. Therefore, we offer heat pump troubleshooting guide for you to better understand your system and diagnose whether the problem is something you can solve on your own – or whether you should reach out to a professional for help.

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.

## ZEALUX Online Training Course

ZEALUX Group offers diversified courses from installation to service for the full range of heat pump products. In addition, we are constantly expanding our training resources, so please stay tuned with us for updates.

## Heat Pump Technical Guidance

Heat Pump Basics Training

Heat Pump Sizing, Selection, and Design Training

Heat Pump Installer Training

Heat Pump New Technology Training



# ZEALUX® Group



Saving the planet



Garden design



4-Seasons



## Headquarter China

*Location: Guangzhou, China*

The Headquarter China serves as the central hub for decision-making, strategic planning, and overall management of the ZEALUX® Group's business operations. It coordinates activities among different branches, ensuring alignment with the company's overall goals.

## Europe Service Center

*Location: France*

The Europe Service Center focuses on providing customer support, technical assistance, pre-sales and after-sales services to clients in the European region. It ensures a responsive and efficient service network for European customers.

## Manufacturing Base

*Location: Shunde, China*

The Manufacturing Base is where ZEALUX® produces its heating, cooling, and heat pump systems. This factory is responsible for the design, production, research and development, and quality control of the products before they are distributed globally.

## Marketing Support

*Location: China & France*

The Marketing Support branch operates globally to promote ZEALUX® products. It handles marketing strategies, advertising campaigns, and promotional activities to enhance brand visibility and reach a wider audience.

## Verified Reliability



Headquarter

### China

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