

Verified Reliability



GER TÜV



EU CE



EU RoHS



IECEE CB



AU SAA



CSA



ISO9001 Quality Management System



ISO14001 Environmental Management System



ISO45001 Occupational Health and Safety Management Systems

China

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# Leading Next-Generation Heating & Cooling Solutions for Pool and Spa



**2025**  
Catalog



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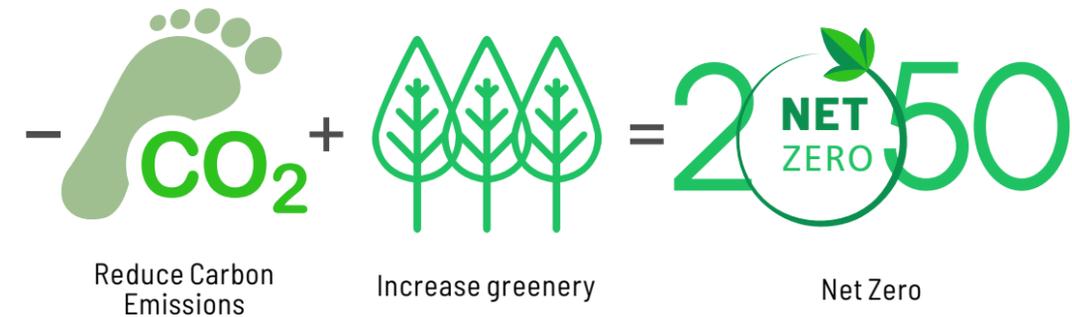
# 01

## Who is ZEALUX®

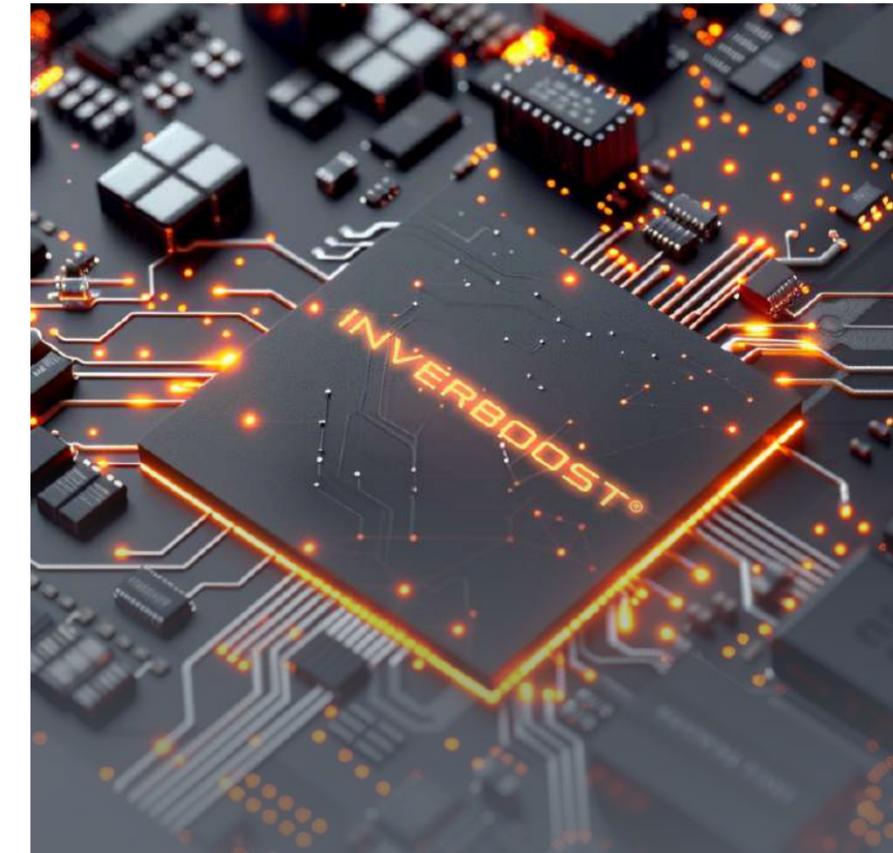
ZEALUX® Group is a global leader in advanced heating and cooling heat pump systems. With over 20 years of innovation, we specialize in integrating heating, cooling, domestic hot water, and renewable energy to provide energy-efficient solutions for homes and buildings.

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 minimise the lasting damage to our planet.



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** Pioneering the launch of the compact Inverboost Master commercial pool heat pump.
- **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.

-  Zealux Headquarter
-  Zealux EU Headquarter
-  Zealux EU Branch
-  Global Sales Centre
-  Production site
-  R&D Centres
-  Heat Pump Academy





## What sets our inverter heat pumps apart?



### Full Inverter <sup>TECH</sup>

Adopting the latest INVERBOOST® Fully Inverter Technology, it saves 35% more energy compared to ON-OFF heat pumps.



### Multiple Modes

Function modes: Heating, Cooling Power modes: Powerful, Smart, Silent Automatic mode; Timer mode; Night mode Users can choose different operation modes according to their needs.



### WiFi Control

Built-in WiFi allows users to remotely control the pool & spa heat pump via a mobile app, providing convenient smart management and real-time monitoring.



### Smart Protection

Intelligent anti-freezing, intelligent defrosting, Overheat protection, overload protection, automatic screen lock (child lock), etc.



### Smart Energy Saving

Automatically adjusts the operating frequency based on water temperature, ambient temperature, and user-set temperature, preventing the energy waste caused by the frequent start-stop cycles of traditional fixed-frequency devices. This ensures optimal energy efficiency and extends the equipment's lifespan.



### Smart Timer

The time setting is flexible, allowing users to schedule the operation of the pool heat pump according to their needs, including specific start and end times, night-time timed quiet mode, and repeat modes.

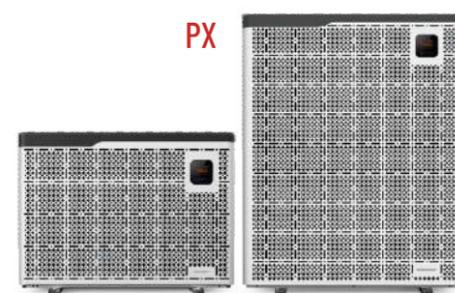
# 02 Zea/uh® Product Series



Suitable for Domestic Pools & Spas  
**Residential**



Suitable for Domestic Pools & Spas  
**Residential**



Suitable for Domestic Pools & Spas  
**Residential**



Suitable for Domestic Pools & Spas  
**Residential**



Suitable for Commercial Pools



Commercial Black



Commercial Net

Suitable for Commercial Pools  
**Public pool series**



Commercial White



Dehumidifier



Mini B Mini W Mini Q

Suitable for Above-ground small pools



## INVERBOOST® UX

Inverter Heat Pump Series



**Unlock Extra Heat**  
Extra 20% Heating Capacity  
by Smart Turbo



**Innovative Unique windproof design**  
Unique side air intake,  
no disturbance to swimmers.



**Eco-Friendly Heating Technology**  
This device delivers excellent performance,  
harnessing up to 80% natural free heat.  
The INVERBOOST UX Pool Heat Pump provides  
both efficient and economical heating.

INVERBOOST UX Series: R32, Heating & Cooling with smart Defrosting, CE Standard

Efficiency data	Unit	UX11	UX14	UX17	UX21	UX26	UX30	UX26T	UX30T	UX35T	UX40T
Advised pool volume (with pool cover)	m <sup>3</sup>	16-60	18-66	25-85	58-120	65-132	78-150	65-132	78-150	85-160	85-180
<b>* Performance at Air 28°C, Water 28°C, Humidity 80%</b>											
Turbo Heating capacity	kW	11	14	17	21	26	30	26	30	35	40
Smart Heating capacity	kW	10	11	14	18	21	25	21	25	30	35
Power consumption	kW	1.49-0.17	1.97-0.22	2.36-0.27	2.96-0.33	3.66-0.29	4.22-0.47	3.62-0.29	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	11.4	12	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	15.5	18	20	18	20	24	28
Smart Heating capacity	kW	7	8	10.5	13.5	16	18	16	18	22	24
Power consumption	kW	1.67-0.26	1.9-0.29	2.31-0.37	3.04-0.47	3.53-0.55	3.92-0.61	3.53-0.55	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	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	7.4	7.4	7.2	7.2	7.2	7.2	7.2	7.4
<b>* General data</b>											
Compressor type		Inverter compressor									
Voltage	V	220-240V/50Hz/1PH					380-415V/50Hz/3PH				
Rated current	A	6.9	8.7	10.6	13.1	16.3	18.5	6.5	7.5	8.8	10.1
Minimum fuse	A	12	15	16	22	28	32	12	15	17	20
Advised water flux	m <sup>3</sup> /h	3.7	4	5	6	8	10	8	10	15	18
Heat exchanger		Twist Titanium exchanger									
Water connection	mm	50									
Sound pressure at 10m	dB(A)	17.8-26.2	2.17-26.7	22.6-28.1	22.9-30.6	23.1-31.8	23.2-32.4	23.1-31.8	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	42-51.8	41-51.6	42-51.8	42.8-52	43.1-53.2
Net weight	kg	71	72	89	95	130	147	130	153	154	159
Gross weight	kg	78	79	96	102	137	154	137	160	161	173
Net dimension	mm	1028×441×685		1073×467×886		1039×467×1289	1113×480×1410	1039×467×1289		1113×480×1410	
Packing dimension	mm	1140×500×830		1185×530×1030		1150×515×1435	1225×540×1555	1150×515×1435		1225×540×1555	

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



## INVERBOOST® PX+

Inverter Heat Pump Series



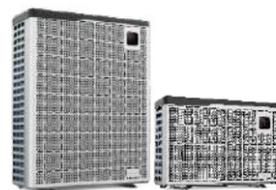
### Artistic Aluminum

Aluminum plate with a cross-star pattern, featuring a unique design, excellent gloss, toughness, UV resistance, and weather resistance.



### COP up to 16

Enjoy up to 30% energy savings and market-leading efficiencies, even during peak summer days. With three heating modes, gain maximum control over your pool's temperature — all seamlessly integrated into your smart home system for unparalleled convenience.



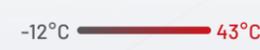
### Also available in classic PX appearance

PX series delivers full range of models, available from 9kW up to 35 kW, meeting requirements of all residential pools.

INVERBOOST PX+ Series: R32, Heating & Cooling with smart Defrosting, CE Standard

Efficiency data	Unit	PX+09	PX+11	PX+14	PX+16	PX+20	PX+25	PX+30	PX+35	PX+25T	PX+30T	PX+35T	
Advised pool volume (with pool cover)	m <sup>3</sup>	10-26	12-35	16-60	18-66	28-85	58-120	65-132	78-156	58-120	65-132	78-156	
<b>* Performance at Air 28°C, Water 28°C, Humidity 80%</b>													
Turbo Heating capacity	kW	9	11	14	16	20	25	30	35	25	30	35	
Smart Heating capacity	kW	7	9	11	14	16	20	26	30	20	26	30	
Power consumption	kW	1.34-0.21	1.64-0.14	2.08-0.18	2.39-0.2	2.99-0.24	3.73-0.29	4.55-0.37	5.22-0.5	3.73-0.29	4.55-0.37	5.22-0.5	
C.O.P.		16-6.7	16-6.7	16-6.7	16-6.7	16-6.7	16-6.7	16-6.6	16-6.6	16-6.7	16-6.6	16-6.6	
C.O.P. at 50% capacity		10.2	10.2	10.2	10.4	10.3	10.3	10.3	10	10.3	10.3	10	
<b>* Performance at Air 15°C, Water 26°C, Humidity 70%</b>													
Turbo Heating capacity	kW	6.6	7.9	9.5	11.2	15	18	22	24	18	22	24	
Smart Heating capacity	kW	5	6.6	7.9	9.5	11.2	15	18	22	15	18	22	
Power consumption	kW	1.32-0.32	1.58-0.24	1.9-0.25	2.24-0.29	3-0.38	3.6-0.49	4.4-0.68	4.8-0.7	3.6-0.49	4.4-0.68	4.8-0.7	
C.O.P.		7.9-5	8-5	8-5	8-5	8.2-5	8.2-5	8.2-5	8.2-5	8.2-5	8.2-5	8.2-5	
C.O.P. at 50% capacity		6.7	6.7	6.8	6.8	6.7	6.7	6.7	6.2	6.8	6.7	6.2	
<b>* General data</b>													
Compressor type		Inverter compressor											
Voltage	V	220-240V/50Hz/1PH						380-415V/50Hz/3PH					
Rated current	A	5.8	7.2	9.2	10.5	13.2	16.5	20.2	23	5.9	7	8.1	
Minimum fuse	A	10	12	15	16	22	28	32	38	11	13	16	
Advised water flux	m <sup>3</sup> /h	2.5	3	3.7	4	5	6	8	10	6	8	10	
Water pressure drop	Kpa	12	12	14	15	15	18	20	25	18	20	25	
Heat exchanger		Twist Titanium exchanger											
Water connection	mm	50											
Fan quantity		1			2			1			2		
Ventilation type		Horizontal											
Sound pressure at 10m	dB(A)	≤27	≤27	≤28	≤29	≤30	≤31	≤32	≤33	≤31	≤32	≤33	
Sound pressure at 1m	dB(A)	38-50	39-51	40-52	40-54	40-54	41-56	42-60	42-60	41-56	42-60	42-60	
Net weight	kg	53	60	62	67	93	95	128	131	95	128	131	
Gross weight	kg	60	67	69	74	100	102	135	138	102	135	138	
Net dimension	mm	862×357×590			989×375×690			1077×425×890			1403×410×1295		
Packing dimension	mm	925×445×735			1105×410×835			1140×510×1035			1155×460×1440		

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



## INVERBOOST® PBS+

Inverter Heat Pump Series

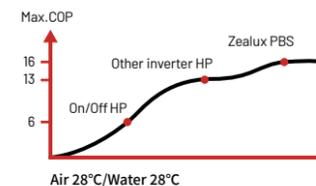


### Stepless DC Full Inverter System

Using full variable frequency technology, a unique electronic expansion valve control system, and the presence of DC brushless fan motors ensure energy savings up to 30 times, combined with noise-reducing heating cycles, exceeding your expectations.

### Custom Front Panels, Tailored for Your Pool

ABS integrated molding, eco-friendly and durable



### COP up to 16

60% energy saving against the traditional heat pump



Also available in classic PBS appearance

INVERBOOST PBS+ Series: R32, Full Inverter, Heating & Cooling with smart Defrosting, CE Standard

Efficiency data	Unit	PBS+075	PBS+095	PBS+125	PBS+145	PBS+165	PBS+215	PBS+255	PBS+305	PBS+305T	
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		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.	kW	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	
<b>* General data</b>											
Compressor type		Inverter compressor									
Voltage	V	220-240V/50Hz/1PH								380-415V/50Hz/3PH	
Rated current	A	7.1	7	8.9	10	12.2	14.4	18.1	21	8.5	
Minimum fuse	A	6.9	8.7	14	15	18	22	27	34	13	
Advised water flux	m <sup>3</sup> /h	12	15	3.7	4	4.6	5	8	10	10	
Water pressure drop	Kpa	3.7	4	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	500-850							(500-850)×2		
Sound pressure at 10m	dB(A)	≤41	≤42	≤42	≤43	≤43	≤45	≤46	≤49	≤49	
Sound pressure at 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	
Net dimension	mm	859×357×593			1073×467×886			1074×379×894		1040×369×1297	
Packing dimension	mm	925×440×738			1185×530×1030			1140×495×1038		1155×435×1440	

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



## INVERBOOST® VX

Inverter Heat Pump Series



### Save Installation Space

Installation more flexible, space-saving, top venting, enhanced user comfort

### Integrated Molding Design

ABS integrated molding reduces the number of seams, offering an attractive, durable, corrosion-resistant, and weather-resistant finish that is easy to clean. Additionally, ABS is a recyclable and environmentally friendly material



Also available in classic PXV appearance

INVERBOOST VX Series: R32, Heating & Cooling with smart Defrosting, CE Standard, Vertical

Efficiency data	Unit	VX17	VX26	VX30T
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.		4.6	4.5	4.5
C.O.P. in TURBO Mode		5	5	5
C.O.P. at 50% capacity		6.8	6.7	6.7
<b>* General data</b>				
Compressor type		Inverter compressor		
Voltage	V	220-240V/50Hz/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		
Water connection	mm	50		
Sound pressure at 10m	dB(A)	≤ 30	≤ 32	≤ 33
Sound pressure at 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 for reference. Please refer to the nameplate on the unit.

*Inverter Heat Pump Series*



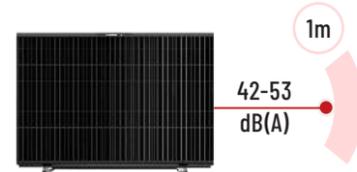
**Compact Elegance for Commercial Pools**

Designed with a more compact size and a sleek, modern appearance. This innovative solution not only saves space but also enhances aesthetic appeal, making it the perfect choice for commercial pool heating with efficiency and style.



**Modular design**

Flexible adaptation to pools of various sizes; you can connect multiple units together to form your pool system.



**Best-in-class for Low Noise Levels**

Equipped with state-of-the-art compressor sound-absorbing foam that reduces noise levels to approximately 43 dB(A), the Commercial range is proud to offer our customers an oasis of tranquillity.

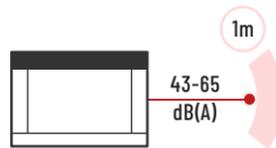
INVERBOOST Master Commercial Series: R32, Full inverter, Heating & Cooling with smart Defrosting, CE Standard

Efficiency data	Unit	CM250	CM350	CM450	CM600
Advised pool volume (with pool cover)	m <sup>3</sup>	65-100	85-120	100-140	150-260
<b>* Performance at Air 28°C, Water 28°C, Humidity 80%</b>					
Turbo Heating capacity	kW	25	35	45	60
Smart Heating capacity	kW	20	30	36	52
Power consumption	kW	3.62-0.29	4.93-0.55	8.03-1.63	10.71-2.62
C.O.P.		7.1	7.1	5.6	5.6
C.O.P. at 50% capacity		11.2	11.2	10.3	10.4
<b>* Performance at Air 15°C, Water 26°C, Humidity 70%</b>					
Turbo Heating capacity	kW	18	24	30	45
Smart Heating capacity	kW	16	22	24	36
Power consumption	kW	3.53-0.55	4.62-0.73	6.67-1.25	10.47-2.47
C.O.P.		5.1	5.2	4.5	4.5
C.O.P. at 50% capacity		7.2	7.2	7.4	7.4
<b>* General data</b>					
Compressor type		Inverter compressor			
Compressor quantity		1	1	1	1
Voltage		380-415V/50Hz/3PH			
Rated current	A	6.5	8.8	14.4	16.5
Minimum fuse	A	12	17	22	25
Advised water flux	m <sup>3</sup> /h	8	15	20-28	26-35
Water pressure drop	Kpa				
Heat exchanger		Titanium exchanger in PVC			
Water connection	mm	63			
Fan quantity		1			2
Ventilation type		Horizontal			
Sound pressure at 10m	dB(A)	≤36	≤38	≤40	≤42
Sound pressure at 1m	dB(A)	41-51.6	42.8-52	41-58	43-62
Refrigerant Type		R32			
Net weight	kg	86	109	117	135
Gross weight	kg	102	128	158	190
Net dimension	mm	1076×456×860	1052×453×1260	1190×471×1411	1255×471×1460
Packing dimension	mm	1135×495×1005	1110×505×1411	1250×525×1561	1315×530×1611

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

# INVERBOOST® Commercial

Inverter Heat Pump Series



### Best-in-class for Low Noise Levels

Equipped with state-of-the-art compressor sound-absorbing foam that reduces noise levels to approximately 43 dB(A), the Commercial range is proud to offer our customers an oasis of tranquility.

### Double & Stable Inverter Heating System

The commercial series utilizes dual independent compressor systems, enabling individual operation based on system demand. This design also provides redundancy and stability, so rest assured.



### Modular design

Flexible adaptation to pools of various sizes; you can connect multiple units together to form your pool system.

### Also available in classic Commercial appearance



Commercial Net

Commercial Black

Commercial White

INVERBOOST Commercial Series: R410A, Full Inverter, Heating & Cooling with smart Defrosting, CE Standard, Vertical

Efficiency data	Unit	CB450	CB600	CB900	CB130	CB190
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 80%</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.		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	36	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.		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				
Voltage		380-415V/50Hz/3PH				
Rated current	A	14.5	16.5	28	34.5	53
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				
Fan speed	RPM	800-550	800-550	700-500	800-550	800-550
Sound pressure at 10m	dB(A)	≤42	≤42	≤43	≤44	≤48
Sound pressure at 1m	dB(A)	43-61	40-54	44-62	46-65	50-68
Refrigerant Type		R410A				
Refrigerant	g	5000	5600	11000	13000	19000
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 for reference. Please refer to the nameplate on the unit.



## INVERBOOST® Dehumidifier

Thanks to the precise INVERBOOST® full-inverter technology, the Inverter Dehumidifier is able to always run smartly according to the humidity of your indoor room and pool space. Superior energysaving, intelligent dehumidification capacity & quiet operations.

### Saving 50% energy

High humidity sensing accuracy, fast response, and it can be efficiently and automatically defrosted to maintain the highest efficiency and keep the air dry.

### No more ugly rusting

Adopted anti-rusting casing and designed for aesthetics and practicality.

### Ultra-thin

Small size, easy to carry and place in any space.

### Applications



Suitable for all indoor hot tub rooms and most indoor swimming pool rooms. They can also be used to advantage in changing rooms, wellness centers, basements, and all other rooms.



Efficiency data	Unit	XDH40i
Dehumidifying Capacity at 30°C - 80% H.R	L/H	4
Dehumidifying Capacity at 30°C- 70% H.R	L/H	3.5
* General data		
Power input	kW	1.2
Electric heating input	kW	0.7
Energy factor (EF)	L/KW.H	3.3
Rated power	kW	1.9
Rated current (with electric heating)	A	10
Fuse current (with electric heating)	A	12
Air flow	m <sup>3</sup> /h	800
Power supply		220-240V/50Hz/1PH
Compressor type		Rotary
Selection of cable	mm <sup>2</sup>	4
Noise level (5m)	dB(A)	46.5
Net weight	kg	73
Gross weight	kg	80
Net dimension	mm	1132x255x853
Packing dimension	mm	1170x290x920

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



## Zealux® Mini

ON-OFF Heat Pump Series



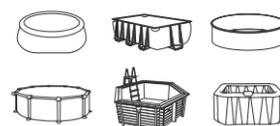
### Small Size, Big Energy

The mini series runs at 120% compressor & fan speed for fast heating. A compact heater, low in cost, yet high in energy efficiency.



### Portable and User-friendly

Easy plug & play, press & heat controller bring more comfortable and convenient experience to swimmers.



### Suitable for Small Above-ground Pools

The mini pool heat pump is designed for above-ground inflatable pools and spas with a capacity of up to 15 m<sup>3</sup>, offering easy installation and versatility.

Zealux Mini Series: R32, ABS + Metal Cabinet / Plastic + Metal Cabinet

Efficiency data	Unit	MINIQ 025	MINIQ 045	MINIQ 055
Advised pool volume (with pool cover)	m <sup>3</sup>	0-10	5-16	10-20
<b>* Performance at Air 28°C, Water 28°C, Humidity 80%</b>				
Heat Output	kW	2.5	4.2	5.5
Power consumption	kW	0.59	1	1.31
C.O.P.		4.2	4.2	4.2
<b>* Performance at Air 15°C, Water 26°C, Humidity 70%</b>				
Heat Output	kW	1.9	3.2	4.2
Power consumption	kW	0.56	0.91	1.2
C.O.P.		3.4	3.5	3.5
<b>* General data</b>				
Voltage	V	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 38		
Sound pressure at 10m	dB(A)	48	46	46
Sound pressure at 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 for reference. Please refer to the nameplate on the unit.

# 03

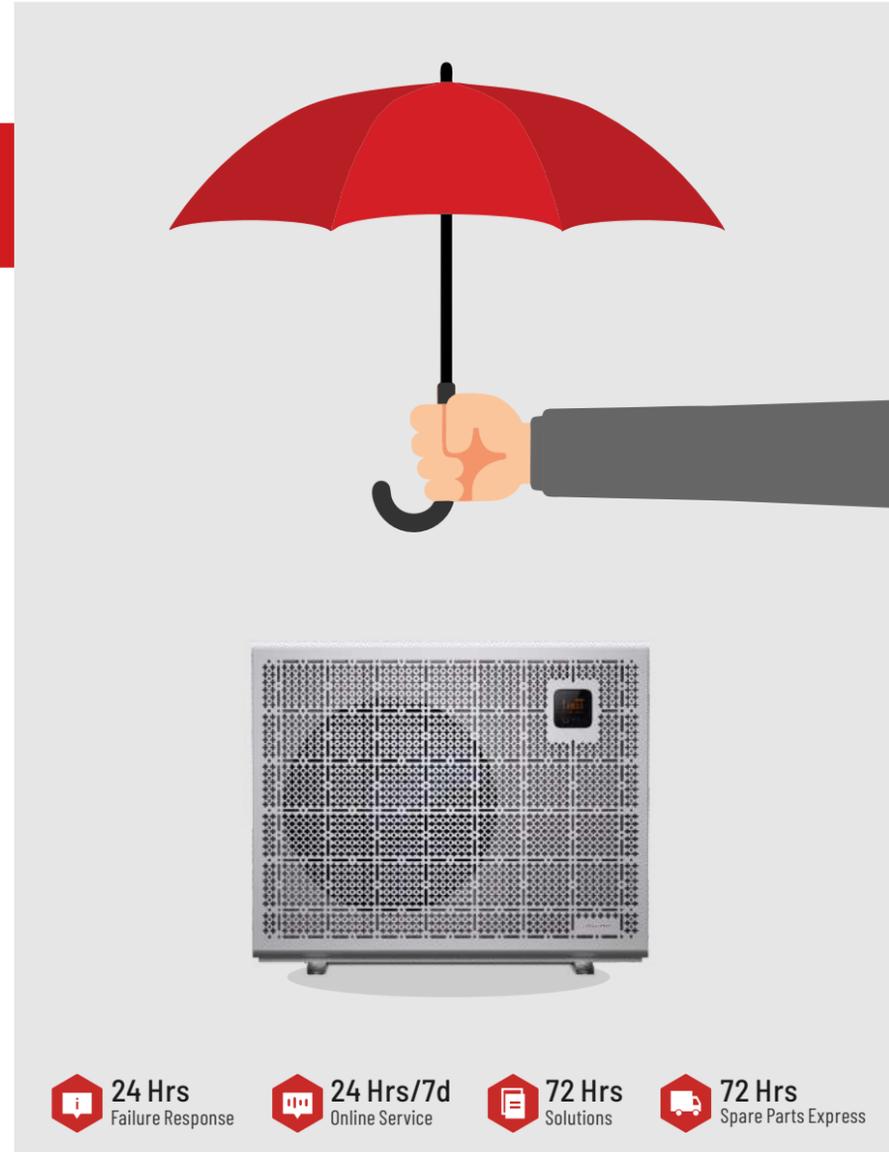
## Customer Care Experience

(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

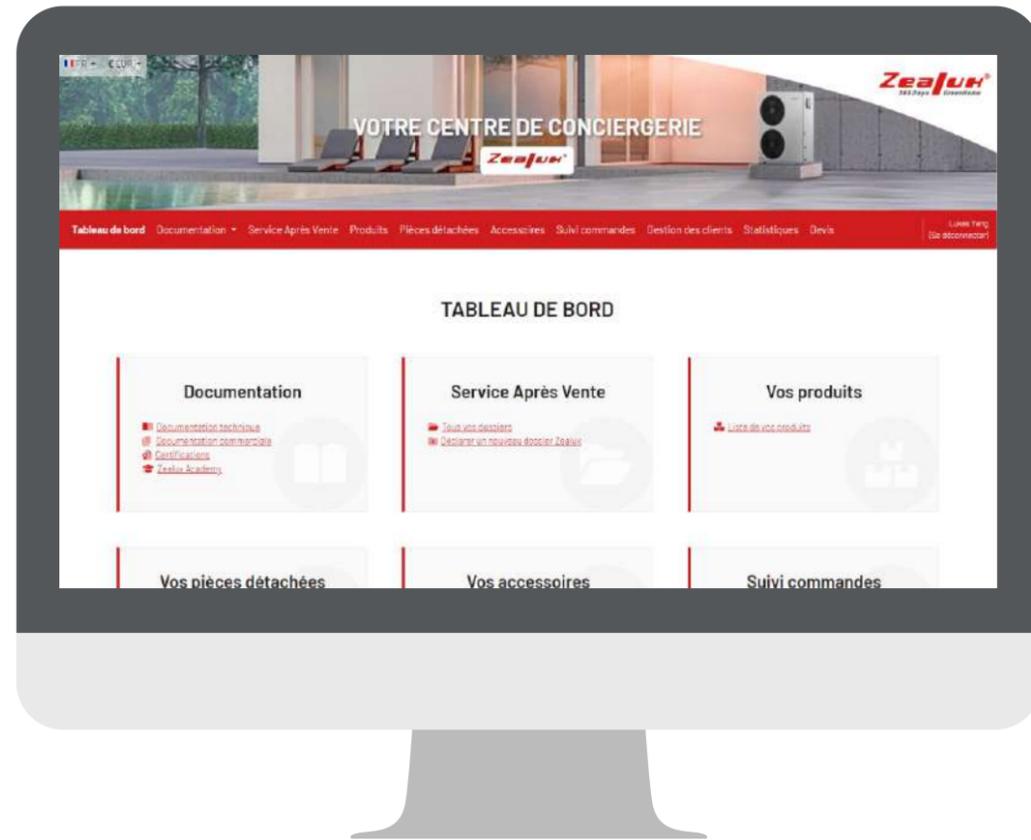
- To respect installation requirements of Zealux and technical supports
- To monitor maintenance visit every year following the maintenance prog
- To use only Zealux spares and tools
- To be an authorized Zealux installer / dealer / service partner
- To participate at least min 1 time a year to our training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



# 04

## Unique Concierge Platform



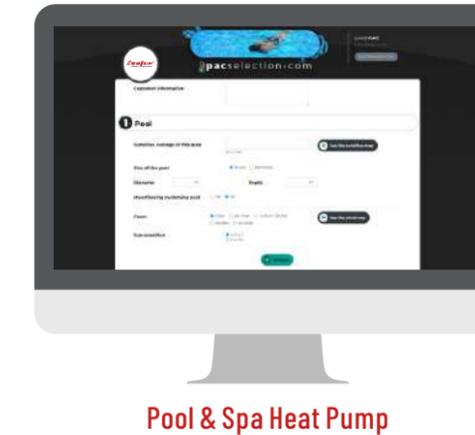
### A full set of options

- A 24/7 concierge service providing a unique customer experience.
- Technical and commercial documentation
- Tutorials : technical docs and videos
- Webinars with 6 courses
- Replacement parts
- Resale 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

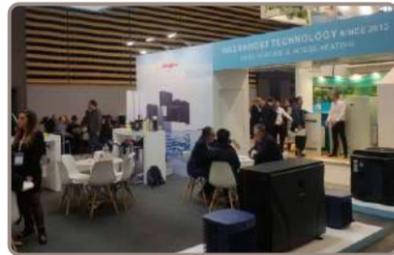
# 05

## Factory & Exhibitions

The ZEALUX factory spans over 30,000m<sup>2</sup> and is located in the Shunde region of Guangdong, China. This fully integrated manufacturing facility is equipped with production lines for heat pumps, titanium heat exchangers, copper pipes, ABS/ASA cabinets, and metal casings.



**Zealux**<sup>®</sup>  
365Days GreenHome



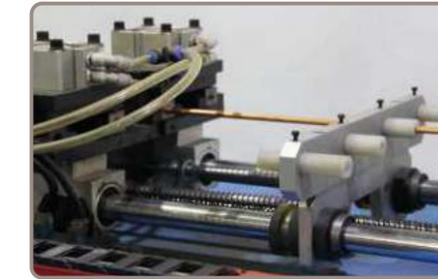
### METAL CABINET WORKSHOP ▶

Advanced laser cutters, punchers, bending machines well applied.



### ◀ ABS/ASA CABINET WORKSHOP

Diverse cabinet design to meet different customer needs flexibly.



### ▲ COPPER PIPE WORKSHOP

### PROFESSIONAL LAB ▶

Multiple professional laboratories provide rigorous testing conditions to evaluate heat pump performance down to -25°C.



### ▲ TITANIUM HEAT EXCHANGER WORKSHOP



### ◀ PRODUCTION LINE

Multiple professional U-shape assembly lines dedicated to the production of R32 and R410A pool heat pumps.