

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			m³/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.

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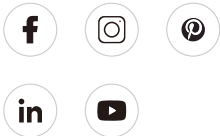
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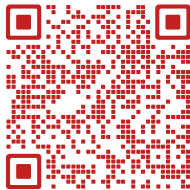
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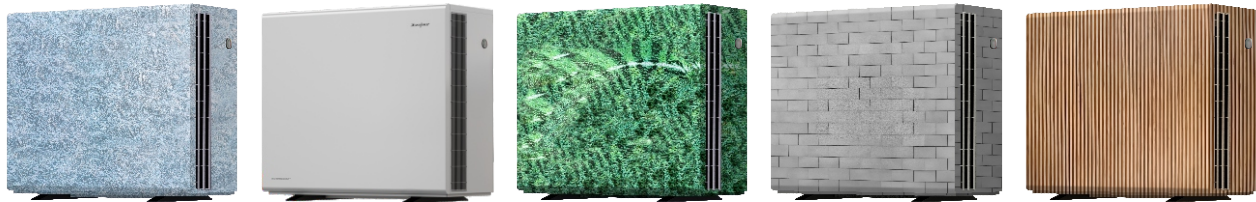
Leading Next-Generation Heating Solutions for House, Pools & Spas  
The First Ever Domestic Heat Pump with Pad Design

INVERBOOST PAD



R290

A+++



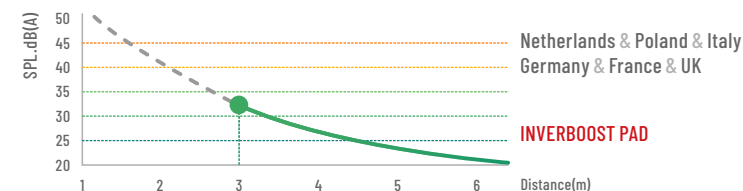
Design and integration with the building

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.

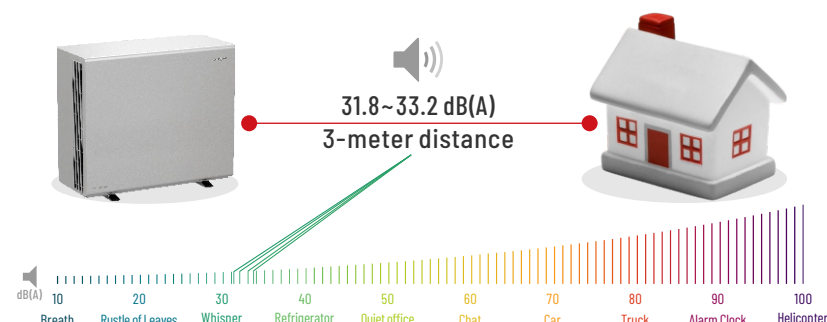


## Triple Soundproofing, Reducing Noise by 80%

Maintaining regulatory adherence across all EU markets

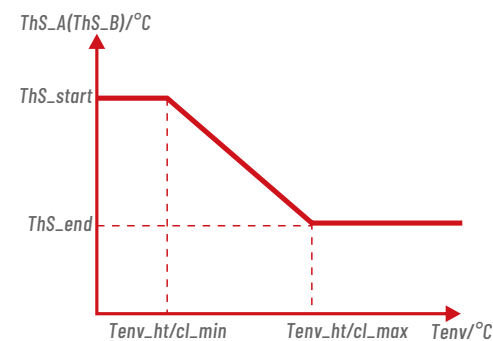


Based on internal testing of the INVERBOOST PAD Heat Pump, the noise level was measured 3 meters directly in front of the unit in an anechoic room, with an outside temperature of 7°C and the heat pump operating under constant temperature heating conditions. Results may vary depending on environmental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



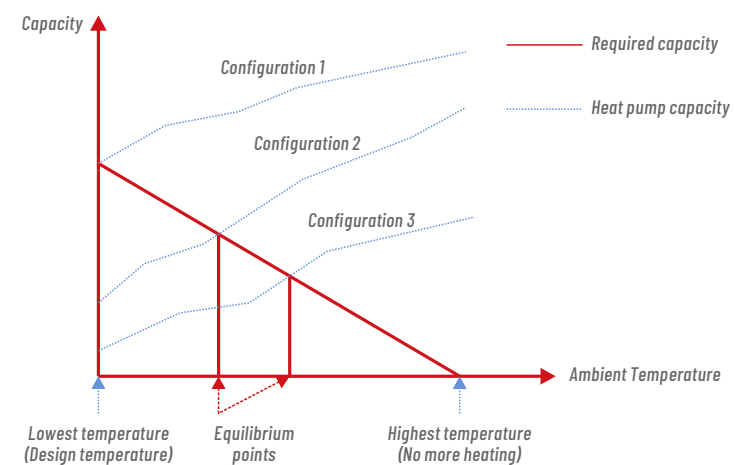
## 32 Fixed+1 Custom Temperature Curves

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.



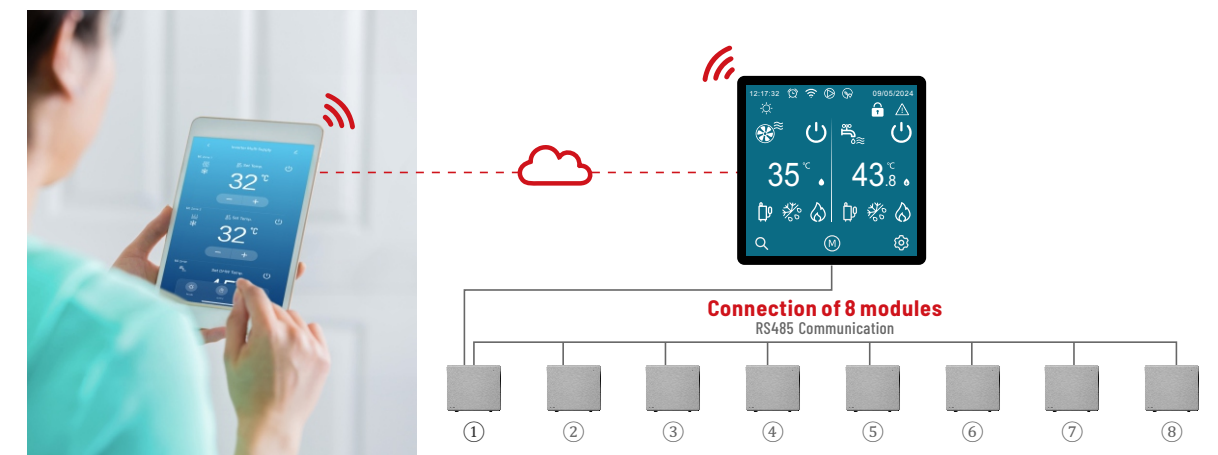
## Flexible System Configuration

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.



## 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.



## Dual Zone Control

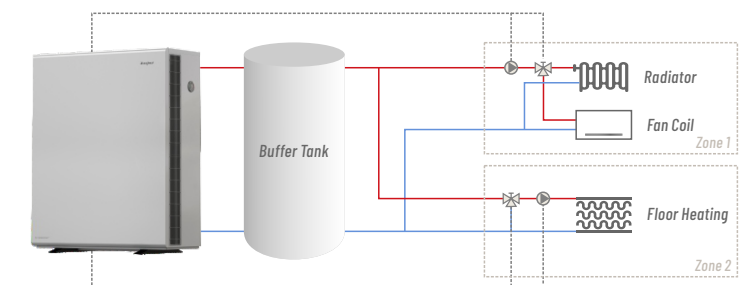
Dual-zone temperature control is available in heating mode, allowing for precise temperature regulation across different areas to accommodate various daily requirements.

### 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.



## 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.

