



THE WEDGE ULTIMATE CHILLER / HEATING SYSTEMS



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ABOUT THE SYSTEM

The Wedge Ultimate is our most advanced heating and chilling system yet, created in partnership with one of the UK's leading heat pump engineers. With models ranging from 8kW to 41kW, the Wedge Ultimate delivers industry-leading performance and control, whether you're managing a personal plunge tub or a full multi-bath commercial setup.

It's fully Wi-Fi connected, whisper-quiet, and housed in a premium powder-coated steel casing. Every detail – from the waterproof flush-fit touch screen to the ultra-efficient spiral titanium heat exchanger, is built with durability and energy-saving performance in mind. And with full Inverter + EVI (Enhanced Vapour Injection) technology, it's capable of maintaining your chosen temperature with exceptional COP even in sub-zero conditions.

The Wedge Ultimate comes with a 4 year warranty, 10 year (total) parts warranty on the compressor and heat exchanger.



POWER.



PRECISION.



PERFORMANCE.

KEY BENEFITS

what sets the wedge apart?

all-in-one heating & chilling: 5°C–40°C

industry-leading energy efficiency with Full Inverter + EVI

spiral titanium heat exchanger – 40% more efficient than standard

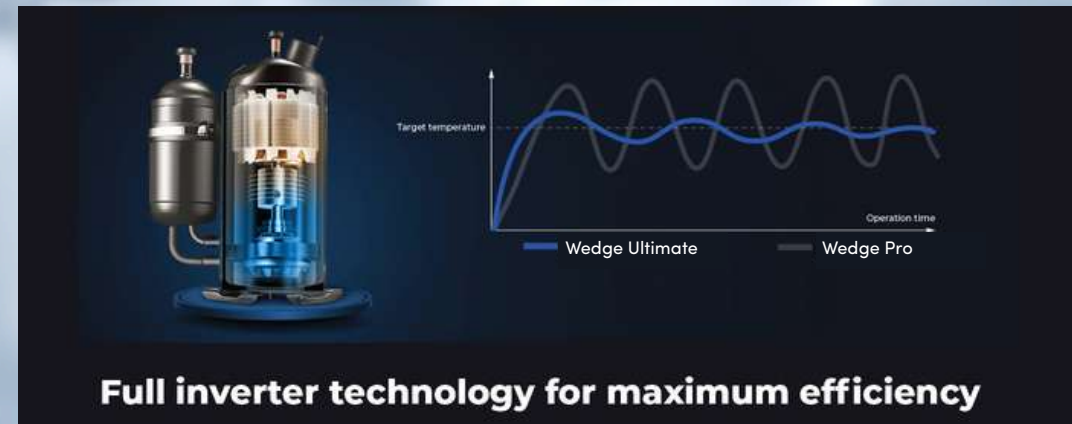
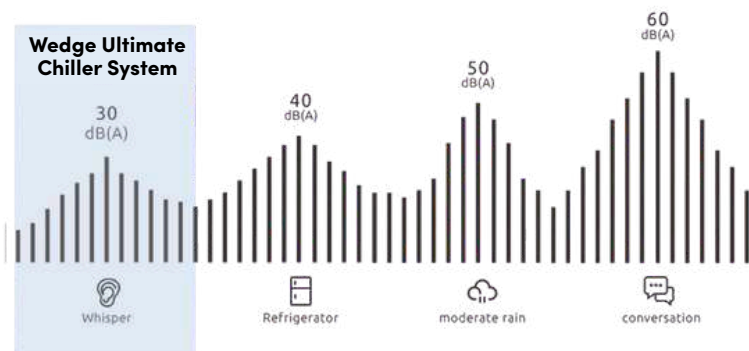
built-in Wi-Fi & flush-mount LCD touchscreen

Smart Life app compatible (iOS & Android)

silent operation (<30 dB at 10m)

R32 eco refrigerant gas

remote temperature management options



HOW IT WORKS

The Wedge Ultimate uses cutting-edge inverter heat pump technology to efficiently heat or chill your water, without the need for ice or inefficient electric heaters.

Here's what happens behind the scenes:

Smart Temperature Detection

Once powered on, the system constantly monitors the water temperature and ambient conditions to maintain your chosen set point – anywhere from 5°C to 40°C.

High-Efficiency Heat Transfer

The system uses a spiral titanium heat exchanger (40% more efficient than standard) and an EEV throttling valve to precisely adjust refrigerant flow, maximising energy efficiency and performance.

Advanced Inverter Control

A stepless DC inverter compressor dynamically adjusts its output to match your needs, delivering fast cooling when needed or maintaining a stable temp in the most energy-efficient way possible.

Built-In Modes for Any Situation

Choose from:

- Boost for rapid heating
- Eco for maximum efficiency
- Silent for low-noise night-time use
- Smart for automatic day-to-day operation

Remote Monitoring & Adjustments

Control everything via the flush-fit LCD screen or from anywhere in the world using the Smart Life App. You can even access full diagnostics and update the software over Wi-Fi, no engineer call-out required.

SMART CONTROLS

Control your system from anywhere in the world via the Smart Life app, or directly on the high-resolution LCD touchscreen. Access full diagnostics, track power usage, adjust running parameters, and toggle between intelligent preset modes including:

- Boost Mode – For rapid heating
- Eco Mode – For energy efficiency
- Silent Mode – For ultra-quiet night-time use
- Smart Mode – For automated temperature control based on real-time usage

With built-in software updates, external remote diagnostics, and a system designed to operate in -15°C ambient temperatures, the Wedge Ultimate is the most advanced solution for recovery, spas, and wellness environments.

⚠ Please note: A circulation pump and connection kit are required for operation and are not included with the unit. These must be purchased separately.



Choosing the right chiller isn't just about the size of your ice bath—it's about how you use it.

We'll guide you through a few key questions:

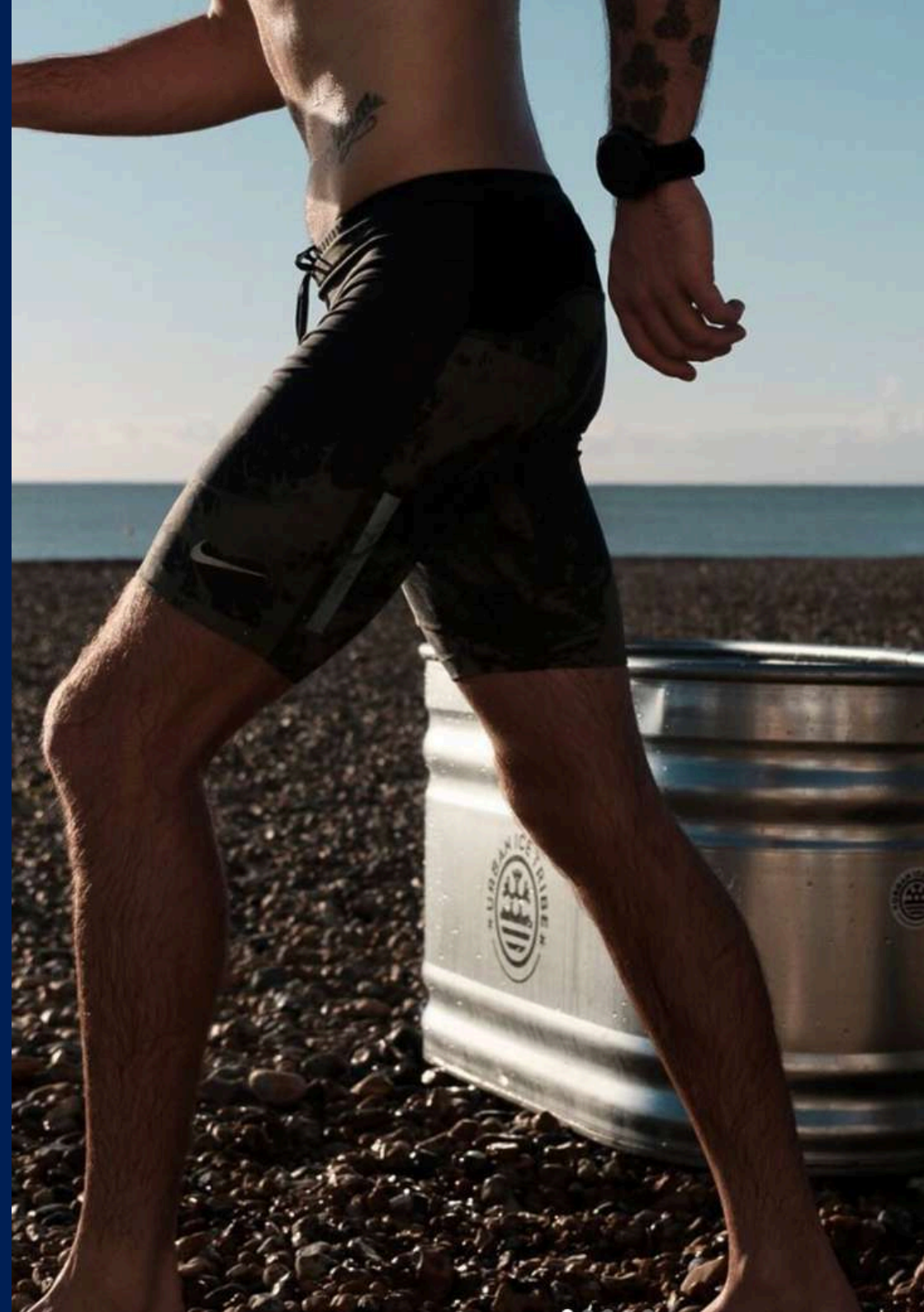
- How often do you plunge?
- Indoors or outdoors?
- What's your ideal temperature range?
- Are you using a filtration system?

Many of our customers opt for a larger chiller for:

- Faster temperature changes
- Improved energy efficiency
- Future-proofing for bigger tanks or tubs

Need help sizing up? Our team's here to help you match the right Wedge to your setup.

SIZING & CHOOSING YOUR SYSTEM



WEDGE ULTIMATE SPECIFICATIONS

		W8	W10	W14.5	W19	W26	W41
Ambient 24°C Water 26°C in Humid 80%	Capacity (kW)	4.2 ~ 8.6	5.5 ~ 10.7	7.2 ~ 14.5	9.57 ~ 18.9	13.95 ~ 25.7	20.15 ~ 41.15
	Input Power (kW)	0.48 ~ 1.21	0.65 ~ 1.4	0.74 ~ 1.91	0.99 ~ 2.85	1.82 ~ 5.6	4.5 ~ 7.43
	COP	7.15 ~ 16.58	7.62 ~ 17.55	7.6 ~ 17.52	6.63 ~ 17.05	5.92 ~ 15.0	6.78 ~ 15.02
Ambient 15°C Water 26°C in Humid 70%	Capacity (kW)	2.45 ~ 5.75	3.75 ~ 7.5	4.33 ~ 10.45	6.02 ~ 13.8	9.31 ~ 17.85	13.92 ~ 33.72
	Input Power (kW)	0.45 ~ 1.15	0.73 ~ 1.43	0.93 ~ 2.01	1.1 ~ 2.75	1.73 ~ 3.96	2.1 ~ 7.45
	COP	5.02 ~ 8.16	5.25 ~ 8.55	5.2 ~ 8.53	5.01 ~ 8.25	4.50 ~ 8.01	5.2 ~ 8.05
Working Ambient Temperature	°C	-15 ~ 43					
Power Supply		220V / 1Ph					
Minimum Fuse (C Type MCB)	A	13A Plug			25	32	40
Max Current	A	7.5	9.5	11.5	18.48	25.5	36
Compressor		GMCC*		Mitsubishi	GMCC*		
DC Fan		1			2		
Airflow		Horizontal					
Water Flow Volume	m3/h	3 ~ 5	4 ~ 6	5 ~7	7 ~ 9	10 ~ 13	17 ~ 20
Water Connector Size	inch/mm	1.5 / 50					
Refrigerant Type		R32					
Material of Casing		Powder coated galvanised steel					
Sound Pressure 10m	dB(A)	<29			<30		
Unit Net Dimensions (L*W*H)	mm	870*380*653			1020*408*715		1170*451*1389
Net Weight	Kg	43	47	52	62	72	138
Controller		LCD Touch Screen					
Wi-Fi Connectivity		Smart Life App					

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