

SMART POWER TECH

PHANTOM

ALL-IN-ONE HEAT PUMP
HOT WATER SYSTEM



Proudly Australian Owned & Designed.

THE **HOME** OF ENERGY EFFICIENCY

SMART POWER TECH

**AUSTRALIA'S LEADING
PROVIDER OF CUTTING-
EDGE, ENERGY EFFICIENT
SOLUTIONS.**

HOT WATER

Black Knight | Dark Knight | Phantom

AIR CONDITIONERS

Valkyrie Single

COOKTOP

Hestia Range

Experience the pinnacle of Australian innovation with our expertly engineered systems, designed specifically for our unique climate. With local support and advanced smart features, enjoy effortless comfort and maximum energy efficiency. Elevate your lifestyle with luxury living that empowers you to focus on what truly matters.

Our commitment to sustainability means that by choosing our products, you're not just enhancing your home; you're also contributing to a healthier planet for future generations. Together, we can create a sustainable future without compromising on comfort.

SPT

smartpowertech.com.au



In any home, comfort is more than just a feeling - it's a promise. It's the confidence of knowing that when you turn on the tap, hot water is ready without hesitation. It's the peace of mind of a system that protects your loved ones, operates quietly, and never misses a beat.

PHANTOM

ALL-IN-ONE HEAT PUMP HOT WATER SYSTEM



For those who value convenience, it's the luxury of long, relaxing baths without worry. The comfort of knowing the water is always clean, fresh, and free from harmful bacteria, thanks to our **Advanced Hygiene Protection**. This automatic feature heats water to 70°C to eliminate bacteria like Legionella, working silently in the background so you can focus on what truly matters.

For those who appreciate reliability and innovation, it's the reassurance of advanced, real-time optimisation. At its core, the Phantom features a **Dynamic Energy Saving Control Board**, pre-programmed to adjust compressor frequency, fan speed, and EXV flow based on ambient conditions when Adaptive AI Technology is activated through the controller, it adds another layer of efficiency, helping to further reduce energy use and enhance system performance, automatically.

With **Whisper-Quiet Operation** (44 dB) and Aerodynamic Fan Technology, the Phantom is engineered for silent performance. And with **Precision Manufacturing**, including laser-guided welding to 0.1mm accuracy and double enamel protection, it's a system built for durability you can depend on.

Together, you get the best of both worlds: **luxury and logic**, comfort and confidence. This is the Phantom Heat Pump — a smarter, safer, and more sustainable way to enjoy endless hot water.

Ready for a closer look? Turn the page and discover the features that make the Phantom the smartest choice for your home.





INNOVATION

LEARNS, ANALYSIS, FORCASTS, OPTIMISES.

In a home where comfort meets intelligence, the **PHANTOM HEAT PUMP** operates as a quiet force of innovation. Every time hot water is needed, it delivers - not by chance, but by design.

At the core of its performance is the **DYNAMIC ENERGY SAVING CONTROL BOARD** - a pre-programmed logic system that activates automatically.

It **fine-tunes** compressor frequency, fan speed, and EXV flow in **real time**, ensuring the unit runs efficiently in response to ambient conditions and

user settings. When **ADAPTIVE AI TECHNOLOGY** is activated through the controller, it adds an extra layer of performance enhancement, allowing the system to **optimise energy use** dynamically and intelligently. This function ensures that your system is not just running, it's working smart, helping households **unlock even greater savings**.

This isn't just advanced engineering, it's **effortless innovation** designed to support your lifestyle.



SAVINGS

LOWER COST. PEACE OF MIND BUILT IN.

Imagine enjoying all the hot water your household needs - without the shock of high energy bills. That's the power of the **PHANTOM HEAT PUMP**.

It's **ADAPTIVE AI TECHNOLOGY**, when activated, continuously adjusts the system's performance in response to temperature conditions, ensuring maximum efficiency at all times. It **reacts intelligently in real-time**, delivering hot water exactly when needed while reducing unnecessary energy use.

Meanwhile, the **DYNAMIC ENERGY SAVING CONTROL BOARD** works quietly behind the scenes, automatically calibrating compressor output and system behaviour every time the unit runs, helping households **unlock further energy reductions** without any manual input.

THE RESULT?

Lower bills. Reduced consumption. All with no compromise on comfort.



COMFORT

ENGINEERED FOR REAL LIFE.

A home should feel like a sanctuary, and every element should enhance that feeling. That's exactly what the **PHANTOM HEAT PUMP** does. From the moment it's installed, it provides a seamless, soothing experience.

Imagine stepping into a warm shower after a long day - the water temperature just right, the flow consistent, the experience uninterrupted. In the background, the **PHANTOM** works quietly, ensuring this comfort without ever being noticed.

Its **WHISPER-QUIET OPERATION** (44 dB) creates a tranquil atmosphere, more

like a calming breeze than mechanical noise. Thanks to **AERODYNAMIC FAN TECHNOLOGY**, the system minimises turbulence, suppresses noise, and maintains airflow efficiency.

Performance is elevated further by the **PHANTOM's ADVANCED CONVERTER TECHNOLOGY**, which delivers fast, stable heating and safeguards system components against power fluctuations, ensuring durability and consistency with every use.

With the **PHANTOM**, comfort isn't compromised. It's quiet, reliable, and effortlessly responsive.





HYGIENE

BUILT-IN LEGIONELLA PROTECTION.

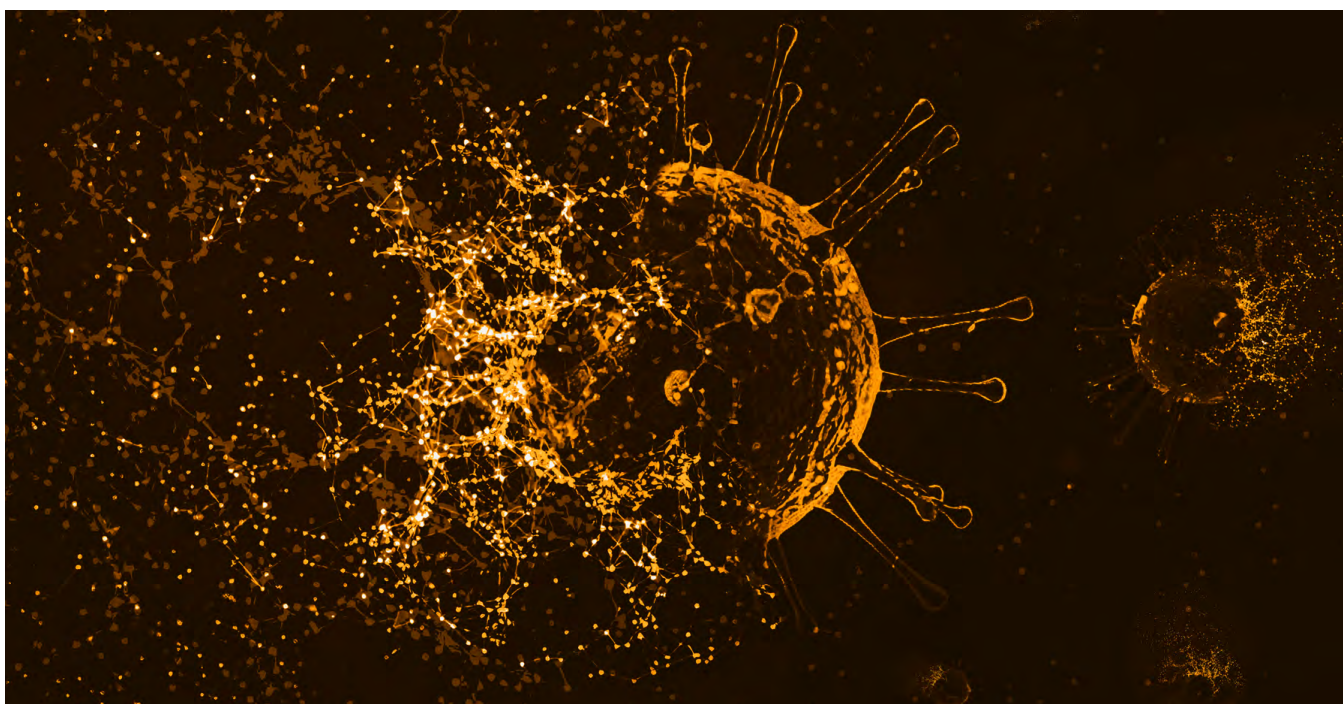
Warm water is essential. But clean, hygienic water? That's non-negotiable. The **PHANTOM HEAT PUMP** is designed with health and safety at its core.

Thanks to its **AUTO-DISINFECTION FUNCTION**, the system automatically heats water to **70°C at pre-set intervals** - a proven method to eliminate harmful bacteria such as Legionella. It's a powerful feature working silently in the background to protect your home. Combined with **double enamel tank**

protection and **laser-guided welding accurate to 0.1mm**, the **PHANTOM** isn't just built to perform - it's **built to last**, delivering **reliable hygiene** for years to come.



You will never see it working. You just know it is.



CONVENIENCE

CONTROL AT YOUR FINGERTIPS.

In the midst of busy routines, comfort should never be complicated. The **PHANTOM HEAT PUMP** was designed to simplify the everyday.

With **Smart Connectivity**, you can adjust water temperatures, schedule heating cycles, and monitor energy usage right from your smartphone, wherever you are.

More than just remote control, it's smart automation in action. **Adaptive AI** & the **Dynamic Energy Saving Control Board** work in tandem to ensure the system is always **optimising**

behind the scenes, so you don't have to think twice about efficiency or reliability.

No matter the time of day, the **PHANTOM** is working quietly, consistently, and conveniently - making sure comfort is always ready when you are.



APPLE
APP STORE



GOOGLE
PLAY STORE





ENHANCED CONFIDENCE

WITH



The **SPT PHANTOM** isn't just engineered for performance - it's built for the long haul. Every component is precision-crafted to deliver quiet, efficient, and reliable hot water, day after day. And it's because of this unwavering commitment to quality and durability, the **SPT PHANTOM** comes with an industry-leading 10-year tank warranty as standard.

This isn't a bold claim - it's a promise grounded in design. From **advanced hygiene protection** to **intelligent energy optimisation** and **precision manufacturing**, every feature of the **PHANTOM** exists for one reason: to deliver years of dependable performance with total peace of mind.

Precision Manufacturing

We start with laser-guided welding to 0.1mm accuracy - a level of craftsmanship that ensures structural integrity and long-term durability. Add double enamel protection and automated quality control, and you get a tank that's engineered to last, not just perform. That's why we can guarantee 10 years of tank coverage as standard.

Advanced Hygiene Protection

The Phantom automatically heats water to 70°C to eliminate harmful bacteria like Legionella. This smart, self-sanitising feature ensures clean, safe water for years to come, protecting both your family and your system.



**ADAPTIVE AI
WHISPER-QUIET
OPERATION**

**ADVANCE HYGIENE
PROTECTION**

**SMART
CONNECTIVITY**

**HIGH EFFICIENCY
COP 5.41 - 5.46**

That's how we ensure water hygiene that meets long-term health standards.

Adaptive AI Technology

With intelligent energy optimisation that adjusts compressor frequency, fan speed, and EXV flow in real time, the Phantom reduces strain on components, extending the system's life while maximising efficiency. That's how we minimise wear and tear, ensuring reliable performance well beyond the short term.

Whisper-Quiet, Aerodynamic Design

With Whisper-Quiet Operation (just 44 dB) and Aerodynamic Fan Technology, the Phantom is engineered for smooth, uninterrupted operation, reducing mechanical stress and

ensuring consistent performance over time. That's why the system stays quieter, longer, without compromise.

Dynamic Energy Saving Control Board

Pre-programmed with intelligent system logic, this core component continuously optimises performance based on ambient conditions. It's like having a built-in technician, constantly fine-tuning for long-term efficiency. That's why we trust the system to run smarter and last longer.

And for those who want even **greater assurance**, the **optional SPT Care+ Program** extends tank coverage **up to 15 years**, along with continued protection on key system components.



SPT PHANTOM

Unrivalled Precision. Designed to Lead.
All-In-One Heat Pump Hot Water System.



Model		SWH210A-RE / SWH210A-CE		SWH270A-RE / SWH270A-CE	
Range		3 - 4 People		4 - 5 People	
Tank Capacity	L	206L		270L	
Heat Pump Heating Capacity	W			2300W	
Rated Input Power	W			426W	
Electric Heater Power	W			2000W	
Maximum Input Power	W			830W+2000W (Electric heater)	
COP (Heat Pump)	W/W	5.41		5.46	
Rate Voltage	V			220 - 240	
Rated Frequency	Hz			50	
Phases	-			1	
Circuit Breaker	A			16	
Water Temperature Range	°C			35 - 70	
Ambient Temperature Range	°C			-7~45	
Isolation	-			I	
Moisture Protection	-			IPX4	
Refrigerant	-			R290	
Refrigerant Charge	KG			0.33	
GWP	-			3	
Sound Pressure Level	dB(A)			44	
Sound Power Level	dB(A)			54	
Dimension of Outline (W)	mm			668	
Dimension of Outline (D)	mm			663	
Dimension of Outline (H)	mm	1667		1947	
Package Dimension (W x H x D)	mm	750 x 1690 x 750		750 x 1975 x 750	
Net Weight	KG	97		109	
Inlet Water Pressure Range		kPa		200~500	
Water In/Out Pipe Diameter		mm		DN15	
Screw Thread Connection		mm		12.7	
Water Temperature Sensor		No.		2	
PTR Valve		mm		DN20	

The background is a dark, textured surface, possibly a rock face or a wall, with a vertical light streak running down the center and a horizontal light band across the middle. The word "UNRIVALLED." is centered in the middle of the image.

UNRIVALLED.

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