

DAVEY

DAVEY
AquaThermPRO

Smart, efficient Heat Pumps for
year-round swimming



Stay warm, save energy, and embrace extended
swimming seasons with Davey pool heating.

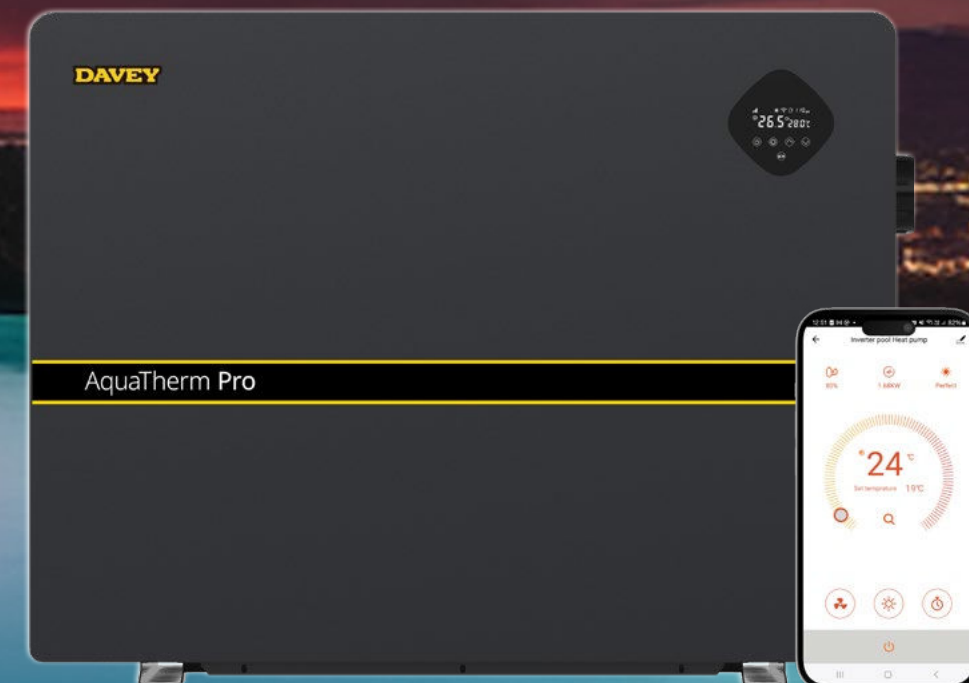
Relish the freedom of swimming all-year round with a Davey AquaTherm PRO Heat Pump.

With both heating and cooling modes, the super-efficient Davey AquaTherm PRO Heat Pump range maintains your perfect pool temperature all-year-round. Enjoy a crisp, refreshing swim on hot summer days or a soothing, warm soak in winter — whatever the reason or season, your pool will always be ready for the perfect swim.

App-connected pool heat pumps have rapidly become a favourite for pool owners, and it's easy to see why. Combining the convenience of connectivity with year-round comfort and eco-friendly efficiency, they're the ultimate upgrade for anyone looking to get the most out of their pool.

Unlike solar heating, pool heat pumps don't depend on the sun to keep your pool water warm. Heat pumps work efficiently, converting ambient air into heat with reliable performance for a comfortable swim. Davey AquaTherm PRO Heat Pumps take this to another level with Heating and Cooling Mode including a powerful heat transfer Spa option.

- **Heating, Cooling, and Auto modes.** Just like your home's air conditioning unit, Davey's AquaTherm PRO "water heater" offers multiple operating modes along with a choice of performance settings to adjust heating or cooling running speeds.
- **Whisper-quiet operation.** Wrapped into three layers of acoustic sound proofing, you and your neighbours will barely notice the AquaTherm PRO Heat Pump running, preserving the serenity of your backyard oasis.
- **App-connected convenience.** Manage and adjust your pool temperature easily with the intuitive AquaTherm PRO App from anywhere in the world.
- **Cost-efficient operation.** Advanced titanium technology efficiently heats your pool water, saving on energy costs compared to traditional gas or electric heaters.



Wifi integration and app connectivity allows control from an iOS or Android phone.

Innovative design features:
where function meets excellence

Experience the perfect blend of quietly muted performance in a beautifully-designed heat pump crafted for efficiency, durability, and seamless integration into your pool management lifestyle. Davey AquaTherm PRO delivers unmatched reliability, backed by a manufacturer that Australians have been depending on for over 90 years.



Weatherproof Aluminium Alloy Cabinet

Corrosion-resistant materials guarantee long-lasting performance.

Tailored for Tight Spaces

Space saving design with end-venting air flow is ideal for compact spaces.

Twin-rotary Inverter Compressor

Ultimate efficiency whilst delivering consistently high performance.

Heating, Cooling, & Auto modes

Delivers optimal heating and cooling capabilities for a four-season, all-year-round swimming experience.

Turbo, Perfect, & Silence settings

Adjust the unit's running speed for peak efficiency and energy savings.

40° Celsius Spa Heating Option

Powerfully heat your spa up to 40° Celsius, making it ideal for swim spas, spas, and hydrotherapy pools.

Quiet Operation

Noise cancelling technology and multi-layered acoustic sound proofing ensures whisper quiet operation.

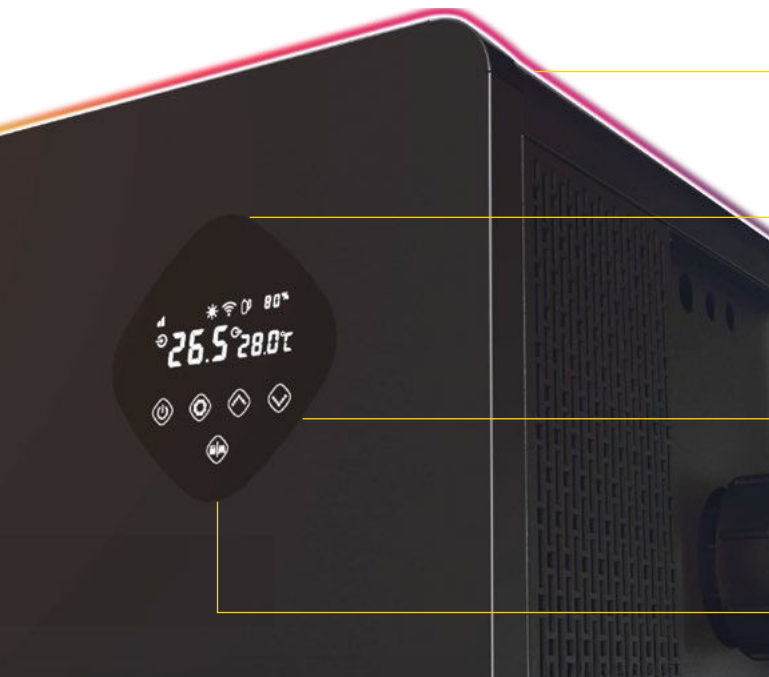
Intuitive control panel

Adjust temperature, operating modes and speed settings poolside or remotely via WiFi App control

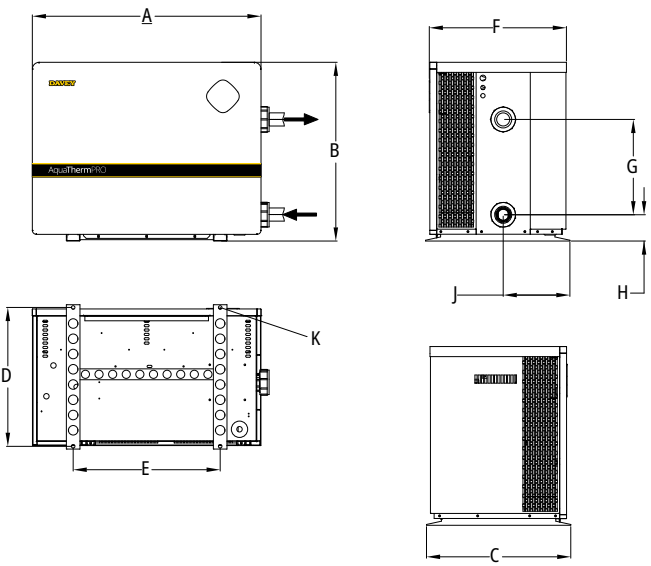
Davey AquaTherm PRO heat pump
performance specifications

Model		DAT110	DAT140	DAT170	DAT220	DAT270
Performance Data	Performance Condition: Air 27°C / Water 27°C / Humid 80%					
	Turbo Mode Heating Capacity (kw)	11.5	14	17	22.5	26.5
	Perfect Mode Heating Capacity (kw)	9.3	10.9	13.5	18	20.6
	Perfect Mode COP	15 - 7.3	15 - 7.4	15 - 7.1	15.5 - 7.4	15.2 - 7.2
	Performance Condition: Air 15°C / Water 26°C / Humid 70%					
	Turbo Mode Heating Capacity (kw)	7.7	9.3	11.5	15	18
	Perfect Mode Heating Capacity (kw)	6.3	7.6	9.2	12.6	14.4
	Perfect Mode COP	7.5 - 5	7.6 - 5.1	7.8 - 5	8.2 - 5.2	7.9 - 5.2
	Performance Condition: Air 35°C / Water 28°C / Humid 80%					
	Cooling Capacity (kW)	4.6	5.6	6.5	8.1	10.2
Technical Specifications	Advised Pool Volume (m³)**	20 - 45	30 - 55	35 - 65	40 - 80	50 - 95
	Operational Temperature Range (°C)	Minus 15 to 43°C				
	Heating Temperature (°C)	18 to 40°C				
	Cooling Temperature (°C)	12 to 30°C				
	Power Suppl (V/Phase)	230V / Single Phase / 50hz				
	Rated Input Power (kW)	0.24 - 1.79	0.29 - 2.16	0.36 - 2.67	0.45 - 3.33	0.54 - 4.00
	Rated Input Power @50% (kW)	0.47	0.59	0.71	0.90	1.06
	Rated Current (A)	1.04 - 7.78	1.26 - 9.39	1.57 - 11.63	1.96 14.48	2.35-17.39
	Sound Pressure Level @ 1m	36.3 - 44.5	36.5 - 45.9	39.3 - 46.7	39.5 - 49.8	39.8 - 50.2
	Recommended Water Flow (lpm)	33 - 67	50 - 67	67 - 100	100 - 150	133 - 167
	Maximum Outlet Air Flow (m³/hr)*	2700	2800	3500	4350	5200
	Pressure Drop (kPa)	2.6	2.5	4.2	7.2	8.5
	Net Weight (kg)	66	73	75	91	114

*Maximum outlet air flow (m³/hr) reference only
**Advised pool volumes apply to residential pools, using Isothermal pool covers during the summer season.
Ideal operating temperatures between 15 - 25°C.
The AquaTherm PRO heat pump performance cannot be assured outside of the operational temperature range as stated above. Please take into consideration the individual conditions of your installation.



DIMENSIONS (mm)										
Model	A	B	C	D	E	F	G	H	J	K
DAT110	750	656	530	510	450	504	300	96	215	13
DAT140	750	656	530	510	450	504	280	96	215	13
DAT170	840	656	530	510	540	504	350	96	245	13
DAT220	980	756	530	510	680	504	460	96	255	13
DAT270	1135	756	540	520	760	514	460	96	245	13



Warranty

10 Years
Heat exchanger and compressor
1 Year
Parts and Labour

You can depend on
DAVEY

Pool and spa solutions backed by an Australian manufacturing icon

For almost 90 years Davey has been manufacturing products that help protect and enhance people's lives. Whether you need perfect pressure, healthy drinking water, protection from fire and flood, a clean, relaxing pool or spa, or water to run your farm or business, you can depend on Davey for the right solution.



Find out more

Interested in finding out more information?

Visit www.daveywater.com
or scan the QR code.

Find your nearest Davey Master Dealer
or Authorised Davey Reseller.

DAVEY

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