



**Pool too cold to swim? TURN UP THE EVOHEAT**

ADVANCED  
**DHP-R**  
SWIMMING POOL & SPA HEAT PUMP  
PREMIUM SERIES





**DOMESTIC**

**ADVANCED**

**DHP-R**

SWIMMING POOL & SPA HEAT PUMPS

**PREMIUM SERIES**



## YOUR POWERFUL PREMIUM POOL HEATER

The Evo Advanced DHP-R series is our premium domestic pool and spa heat pump designed with a host of features including Wi-Fi control, intelligent full colour touch screen controller and stainless steel cabinet.

The Evo Advanced DHP-R series is our long-distance, reliable and powerful swimming partner that offers exceptional value for money - it will out-smart and out-perform any other pool heater in its class.

## WHEN ONLY THE BEST WILL DO...



**WITH WI-FI  
CONTROL**



### KEY FEATURES

- » Extremely energy efficient with a C.O.P. of up to 5.4
- » Available in 5 models, 9kW to 26.9kW
- » Low ambient air performance
- » Heating and cooling capability
- » Latest cutting edge, intelligent full colour touch screen controller
- » Wi-Fi control
- » Stainless steel cabinet for the ultimate corrosion protection
- » Dual defrost systems - reverse cycle and thermotec element
- » Built in operational timer
- » Electronic expansion valve (EEV2)
- » Dual speed fans (selected models)
- » Flow switch and high pressure cut out for additional safety and protection
- » Eco-friendly and safe R410A refrigerant
- » Easy installation
- » Vertical airflow
- » Guaranteed stable performance from -7°C
- » Ideal to work with solar PV panels





**EXCEPTIONAL PERFORMANCE & LOW OPERATING COSTS** - Evo Advanced DHP-R series delivers pool heating with exceptional performance, low operating costs & a C.O.P. as high as 5.4. Combine your Evo pool heat pump with a pool blanket &/or your solar PV for the ultimate energy efficient pool heating!

**CUTTING EDGE FULL COLOUR TOUCHSCREEN CONTROLLER** - featuring an easy to use, intelligent full colour touch screen controller that allows you to maintain your pool temperature to within 0.1 degree while delivering optimum performance.

**Wi-Fi Control** - control your Evo Advanced DHP-R heat pump anytime, anywhere with the smart Wi-Fi controller app. Available for iOS and Android, the smart phone controller app offers you an easy and convenient way to monitor and control your pool temperature.

**HEATING & COOLING MODES** - the Advanced DHP-R series is equipped to automatically heat or cool your pool water based on your set temperature - so you can be sure your pool is always at your desired temperature!

**VERY QUIET OPERATION + DUAL SPEED FANS** - our low noise fan blades ensures minimal operating noise which is ideal for you and your neighbours! Plus, the dual speed fan allows you to run your heat pump during the night with even further reduced noise levels. The fan is able to operate on a lower RPM on a timer or ambient temperature basis. \* Dual speed fans available on selected models - refer to website for most up to date models.

**LOW AMBIENT AIR PERFORMANCE** - the Evo Advanced DHP-R heat pump offers low running times because of its higher heat outputs when it counts.

**304 STAINLESS STEEL CABINET** - the 304 stainless steel cabinet will ensure long term corrosion resistance.

**DUAL DEFROST TECHNOLOGY** - our Thermotec Element Defrost technology and auto defrost system ensures your heat pump is defrosting less and heating more often, maximizing the heating capacity in colder weather when its needed the most.

**TITANIUM HEAT EXCHANGER** - the titanium thread heat exchanger ensures maximum heat transfer with the ultimate corrosion resistance, improving the heat transfer efficiency by up to 30% compared to standard heat exchangers.

**ELECTRONIC EXPANSION VALVE 2 TECHNOLOGY** - Electronic Expansion Valve 2 Technology is the absolute latest and the best possible refrigeration control system available in the market today. This results in higher C.O.P. and improved efficiency of up to 20% compared to other commercial heater brands.

**LATEST CORROSION PROTECTION TECHNOLOGY** - the bluetec hydrophilic coating on the condenser fins is the latest technology in corrosion protection allowing your heat pump to maintain its high efficiency for many years to come.



**ENERGY  
EFFICIENT**



**COLOUR  
TOUCHSCREEN**



**Wi-Fi  
CONTROL**



**LOW  
NOISE**



**HEATING &  
COOLING**



**DUAL  
DEFROST**



**LATEST  
TECHNOLOGY**

MODEL	Evo DHP-20R	Evo DHP-30R	Evo DHP-40R	Evo DHP-50R	Evo DHP-603R
Heat output at 24°C air 26°C water (kW)	9.7	14.0	19.0	23	26
Heat output at 15°C air 26°C water (kW)	8.0	11.5	15.5	20	23
Cooling output at 35°C air 30°C water (kW)	6	8.5	11	14	16
<b>C.O.P. at 24°C air</b>	<b>5.3</b>	<b>5.3</b>	<b>5.2</b>	<b>5.4</b>	<b>5.3</b>
Power input at 24°C air (kW)	1.83	2.64	3.65	4.26	4.91
Power supply	240/1/50	240/1/50	240/1/50	240/1/50	415/3/50
*Max current (amps) per phase	9.1	14	18.2	22.6	12.5
Connection type	10 AMP	15 AMP	Hard wired	Hard wired	Hard wired
Compressor type	Rotary	Rotary	Scroll	Scroll	Scroll
Refrigerant gas	R410A	R410A	R410A	R410A	R410A
PVC water connection (mm)	40	40	40	40	40
Water flow rate (L/min)	50	75	100	125	150
Noise dB(A) at 1M	51	54	56	58	58
Net dimensions L/W/H (mm)	680/645/720	680/645/720	700/700/848	700/700/848	1015/735/1130
Net weight (kg)	65	78	110	111	151

\*Running current max: 43°C ambient heating / 29°C in cooling mode. The data above is based on the EVO heat pump only, it does not include auxiliary devices. Product specification information provided above is correct at the date of printing, this data may change without notice. Please speak with an EvoHeat Specialist for the most current product specifications.

## EVO ADVANCED DHP-R WARRANTY

For further peace of mind the Evo Advanced DHP-R heat pump comes with an industry leading warranty:

- 25 years on titanium heat exchanger
- 5 years on compressor
- 2 years on parts
- 1 year on labour



WINNER OF THE



## THE SPECIALISTS IN POOL AND SPA HEATING

EvoHeat are 100% Australian owned and operated company and are the industry specialists in pool and spa heat pumps. For over a decade we've been building a solid reputation for pool and spa heating products that are renowned for reducing your energy bills and delivering reliability.

Our exclusive pool heaters are durable and utilise cutting edge components sourced from leading brand manufacturers around the world. EvoHeat only specialise in heat pump technology and are constantly developing and improving our heating applications to ensure we offer you the best in the market.

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