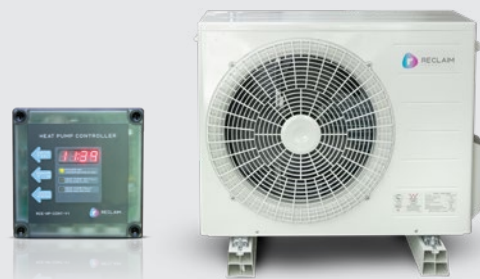


## HEAT PUMP & CONTROLLER SPECIFICATIONS



**RECLAIM**  
ENERGY

# HEAT PUMP & CONTROLLER SPECIFICATIONS



HEAT PUMP		MODEL <b>EHPE-4540P</b>
Heat output at 32.6°C ambient / 21.1°C cold water inlet	kW	5.24
Electric input at 32.6°C ambient / 21.1°C cold water inlet	kW	0.87
COP at 32.6°C ambient / 21.1°C cold water inlet	-	6.02
Power input (MAX)	kW	2.3
Current input (MAX)	A	10
Circuit breaker size	A	20
Standby power consumption	kW	0.0035
Power supply	V/Hz	240V/50 Hz (single phase)
Heat pump refrigerant	-	CO2 (R744)
Heat pump hot water delivery temperature	°C	63
Range of operating Ambient temperature	°C	-10 to 43
Heat pump unit weight	kg	48
Heat pump location	-	outdoor
Noise level	dB	37
Dimension (H x W x D)	mm	675 x 825 x 300
Rain resistance	-	IP4
Water port connections (Inlet / Outlet)	Inch/mm	1/2" BSP, 12.7mm
Built-in freeze and frost control	°C	Variable. Depends on the relative humidity, water, & ambient temperature (i.e. about 2°C water temperature & 5°C ambient temperature)

## SMART CONTROLLER

Controller power supply voltage and frequency	V/Hz	240/50 (single phase)
Signal from the controller to heat pump	V/Hz	12/50
Controller location	-	Mounted on wall or tank
Heat pump on / off temperature (based on the thermistor on the tank)	°C	37/59
Daily Self-Legionella control	-	60°C at 45% level on tank
IP Rating	-	IP54
UV Rating	-	UL508
Operational mode (selectable by the end user)		5 available options *
Option 1: 24hours – continuous		
Option 2: 9hours (off-peak mode 1: 10pm – 7am)		
Option 3: 6hours (off-peak mode 2: 12am – 6am)		
Option 4: 6 hours (10am – 4pm)		
Option 5: Timer (two-zones)		

\*A quick boost button runs the heat pump for a maximum of 6 hours to provide quick hot water delivery



**CERTIFICATIONS:** The product has been certified/tested successfully under the following Australian standards: • AS 5125.1, AS 4020 • AS 3498 • AS 2712 • AS 60335.1 • AS 60335.2.40

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Note: Images of heat pump and controller are not to scale and are for illustrative purposes only.