

Powerful enough to run two showers at once.

The most economical way to heat water for your home.



You will never run out of hot water again.



Higher efficiency means less greenhouse gas.



Requires less space than storage and solar water heaters.



Electronic scald protection means improved safety for your family.



 **MERLIN**
GAS HOT WATER SYSTEMS

Why more and more people are turning to Merlin for their hot water needs.



Merlin is the most economical way to heat water for your home. With a Merlin 600E installed you could expect to save around 30% on your water heating bills compared with a typical gas-fired storage water heater, and a massive 45% when compared with electric.

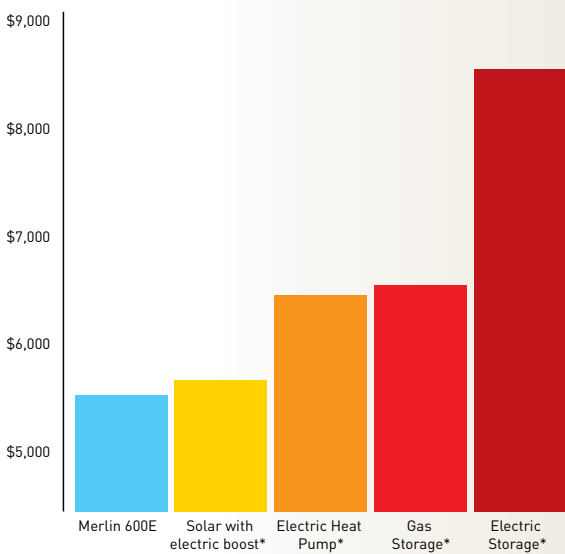
The Merlin 600E is a continuous flow water heater boasting a thermal efficiency of 95% while providing the convenience of reliable, controllable hot water that never runs out.

For added comfort and convenience, you can control the temperature of hot water from anywhere in your home. Every Merlin 600E is equipped for wireless remote control and will support up to four remote controllers, which can be added at any time.

Merlin is the only gas-fired, continuous flow water heater manufactured in Australia. So when you choose a Merlin, you replace an imported product with an Australian made one. This has to be good for Australia.

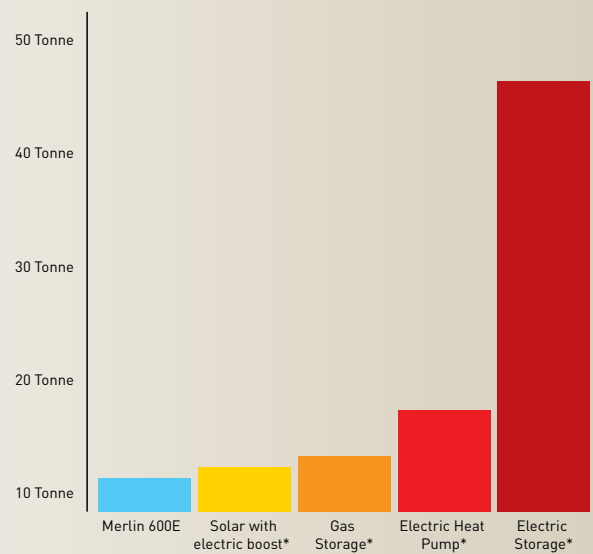
Merlin has been designed and manufactured to stand up to the harsh Australian environment. Its high-tech yet simple design has been engineered to give years of trouble free service, without the need for routine maintenance. Used as intended, each Merlin 600E is covered by a five year parts and labour warranty, so in the unlikely event that something goes wrong with your Merlin, you'll receive the back-up you'd expect from a quality brand. It's why more people are turning to Merlin for their hot water needs.

Ten Year Cost Comparison



* Based on data from government of WA Sustainable Energy Development Office. 2008

CO² emissions comparison over ten years operation.



* Based on data from government of WA Sustainable Energy Development Office. 2008



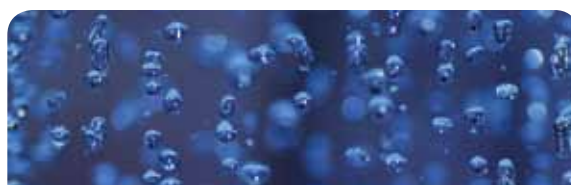


Introducing the Merlin Niche.



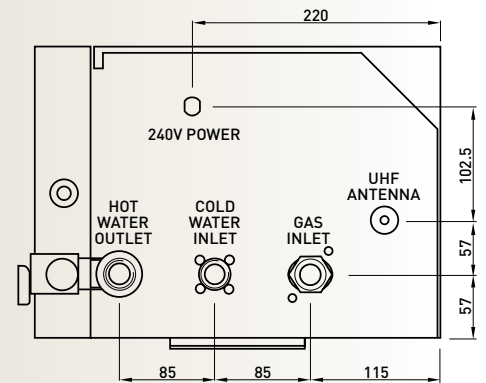
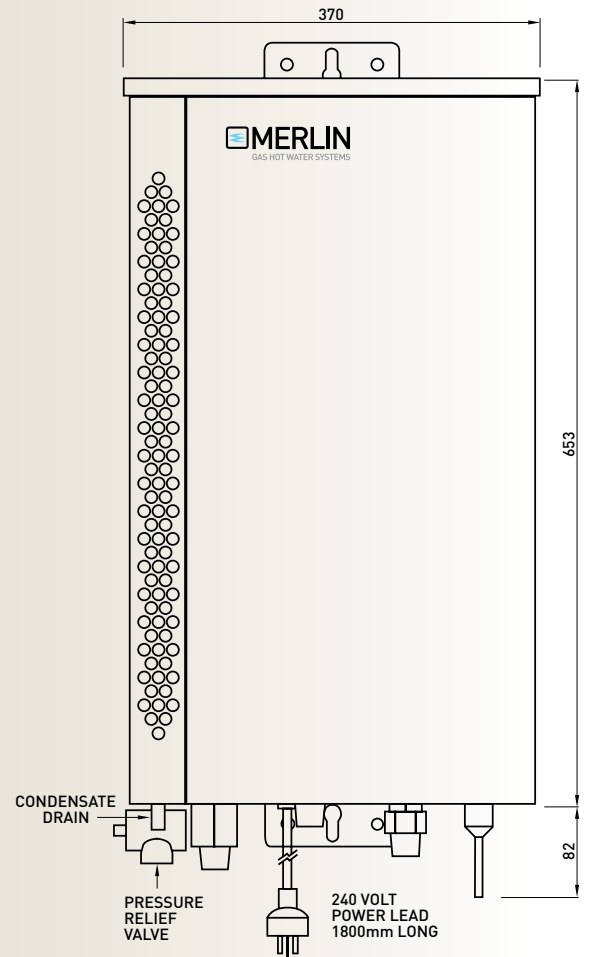
This innovative and space saving recessed enclosure reduces the protrusion of the Merlin 600E by 140mm.

- The Merlin Niche can be painted to match any colour scheme to ensure true integration with residential or commercial design style
- Easy to install and ideal for solving narrow access issues
- Cleverly conceals pipes, valves and connections behind a robust moulded cover
- Ideal for installation in brickwork during construction using integral galvanised steel straps
- Suitable to be retro-fitted into a 460mm wide by 1120mm high cut-out
- Designed specifically to house the Merlin 600E
- Manufactured in WA using vacuum moulded UV protected ABS plastic



Merlin 600E Specifications

Performance	Hot water capacity: (raised 25 °C above inlet temperature)	24 litres per minute	
	Nominal gas input (at full power):	NG 152 MJ/h	LPG 160 MJ/h
	Thermal efficiency:	95%	
Features	Ignition:	Automatic (electronic)	
	Set temperature:	50 °C	
	Temperature range (with remote control):	36 – 48 °C (1 deg increments) and 50 °C	
	Anti-frost protection:	Optional	
Physical	Height:	653 mm	
	Width:	370 mm	
	Depth:	270 mm	
	Weight:	28 kg	
	Gas inlet connection:	3/4" BSP male (right hand side)	
	Cold water connection:	3/4" BSP male (centre)	
	Hot water connection:	3/4" BSP male (left hand side)	
Requirements	Installation location:	Outdoor only	
	Gas type:	Natural gas	LPG
	Gas inlet pressure:	1.13 – 3.0 kPa	2.75 kPa
	Inlet water pressure (maximum):	1200 kPa	
	Electrical supply:	240 Volt, 50Hz (requires a single phase, weatherproof power point adjacent to heater)	



1300 4 MERLIN

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MERLIN
GAS HOT WATER SYSTEMS

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