

Q-BOSS

Q-BOSS is a specialized Australian-based heat exchangers solutions provider offering unique and alternative solutions to the more traditional, well-known heat exchanger types.

Our solutions are robust and technologically proven, offering highly heat-efficient heat exchange duties for your needs.



**SPIRAL PLATE
HEAT EXCHANGERS**



**WELDED PLATE
HEAT EXCHANGERS**



**PLATE & SHELL
HEAT EXCHANGERS**



**PLATE
HEAT EXCHANGERS**

We provide the design, procurement, installation, and maintenance of specialist heat exchangers and coolers, focusing on lowering utility usage and carbon footprints through space-saving, efficient energy recovery optimization.

Furthermore, we specialize in solving under-performing 'bad actor' installations to reduce high maintenance and ownership costs, ultimately driving increased production and improved safety.

Two brands. One group. A shared expertise in heat exchange.

WELDED PLATE HEAT EXCHANGERS



GreenBox™ type “S” is made with a plate pack consisted of square corrugated plates, with 4 bolted panels that can be dismantled in order to allow full mechanical access to the heat transfer area for inspection and cleaning.

SPIRAL PLATE HEAT EXCHANGERS



GreenSpiral™ is a compact Welded Heat Exchanger, with a single channel. The unit is made of 2 to 4 concentric channels on which spacer pins are welded to make and maintain the channel gaps.

PLATE & SHELL HEAT EXCHANGERS



GreenP&S type “O”, “W” or “K” is made with a plate pack consisted of circular corrugated plates welded together. The welded plate core is filled and fixed in the circular shell, we achieve sealing without gaskets between channels through alternating welding.

PLATE HEAT EXCHANGERS



The thermoline range includes GPHE, precision-engineered with glueless gaskets for leak-proof efficiency, and SWPHE, which combine the reliability of welded construction with the versatility of gasketed plates for high-performance applications.

Our solutions offer a compact footprint **75% smaller than traditional shell and tube heat exchangers (STHE)**, delivering high-performance capabilities such as close temperature approaches of 1°C and robust operation **up to 200 barg and 550°C**. Furthermore, they ensure long-term reliability through proven resistance to **thermal cycling, low fouling, and ease of maintenance**.

Please contact us for any additional information, references and inquiries.

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