



SpiraHeat™ Heat Exchanger

The SpiraHeat™ is a complete, compact and energy efficient steam-to-water heat transfer solution. This solution will deliver a constant supply of instantaneous hot water at a stable temperature on demand for a range of low temperature hot water (LTHW) applications.

This new solution uses the technology of an all stainless steel shell and coil exchanger providing additional longevity to traditional shell and tube exchangers. The coils are designed to maximize heat transfer area in an extremely compact heat exchanger.

Features and Benefits

- Compact heat transfer solution designed to reduce radiated energy losses.
- Produces hot water for heating or process.
- Maintains a stable temperature on slowly changing loads.
- A fully assembled package with matched heat exchanger and temperature control equipment.
- Able to easily install additional safety and steam conditioning systems (where required).

Typical application:

Managing your energy costs by improving energy performance.

Of all the costs your organization is able to control, the energy bill is probably the most significant. With fuel prices on the rise, it is more important than ever to improve the energy performance of your plant.

SpiraHeat™ heat exchanger packages are designed for heating and processing duties ranging from 341K Btu/Hr to 3.4M Btu/Hr where the accuracy of temperature control is not critical to the process. This makes them ideal for applications with steady and predictable load conditions that need to produce hot water, such as LTHW for building heating, wash down and laundry applications.

The package incorporates a unique front flanged shell and coil exchanger specifically designed for steam-to-water heating duties. It also comes with a removable insulation jacket to help reduce radiated temperature losses and your energy bill.

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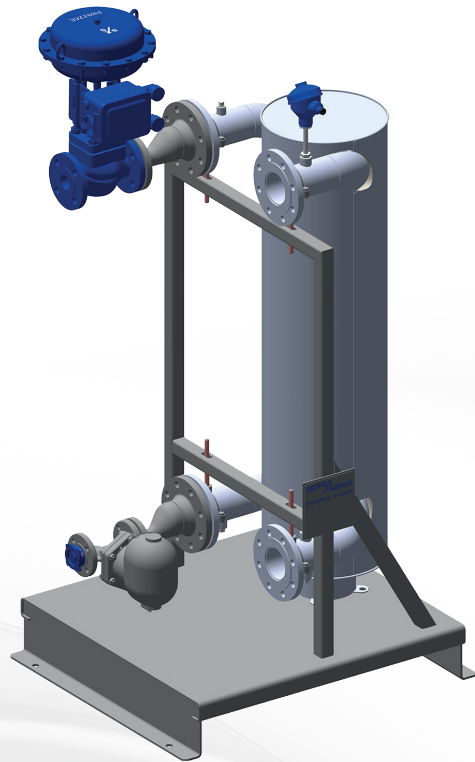
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The package provides you with a reliable, cost effective offering with local product and service support from the global network of Spirax Sarco companies.

In addition SpiraHeat™ provides:

- Quicker, easier installation**
 The SpiraHeat™ is supplied as a preconfigured, tested, pre-assembled, skid mounted unit. Offsite fabrication reduces installation time and helps with speedy, trouble-free commissioning.
- Maximum output for minimum footprint**
 The core unit only occupies 39ft³ and even the largest output unit, fitted with all available options, only takes up 110ft³ saving floor space in the plant room.

The comparison table below shows how the SpiraHeat™ compares with the market leading EasiHeat™, identifying the key features and benefits of the Spirax Thermal Energy Solutions package portfolio.



Feature	SpiraHeat™	EasiHeat™
Steam side control	✓	✓
Condensate side control	✓	✓
Process control panel	✓	✓
Condensate removal steam trap	✓	✓
Electric actuation	✓	✓
Pneumatic actuation	✓	✓
Insulated heat exchanger	✓	
Maintainable heat exchanger		✓
Precise temperature control		✓
SIMS Technology panel		✓
Communications capability		✓
Condensate removal pump trap		✓
Energy monitoring		✓
Diagnostic capability		✓
Fully configurable package		✓

For more information please visit spiraxsarco.com

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