



Smart, elegant,
efficient,
solar solutions

BOSS Industries: A system to beat



For a country known as ‘the land of the long white cloud’, New Zealand enjoys an abundance of sunshine hours. That abundance offers New Zealanders the advantaged opportunity to choose a freely available, environmentally friendly, renewable energy source.

At BOSS Industries, we’ve meticulously selected the finest components from around the world to manufacture elegant and robust solar hot water systems that efficiently and reliably harness that energy. Tried and tested in New Zealand conditions, BOSS solar systems deliver sustainably generated hot water while decreasing your dependence on the national power grid, reducing your power spend long term, and adding value to your home.

The sun’s energy is captured via a panel of vacuum tubes usually installed on your roof. That energy is then transferred to heat the water via a heat exchanger coil sitting inside the water cylinder. BOSS systems include an electric element as a booster back up for when solar energy from the sun is not sufficient to maintain the set water temperature.

Smart by design

At the heart of BOSS solar systems is the controller. The ‘brains’ behind the system, the programmable controller manages the temperature of the water. The controller operates the system pump, switching it on and off according to the temperature. It determines when the booster is needed, when to activate the frost protection facility, and it determines when to engage secondary heating sources connected to the system, such as gas heating.



We know New Zealanders and we know the New Zealand environment

Designed for New Zealand conditions

BOSS solar systems are the ideal choice for kiwis. As a New Zealand company, we know New Zealanders and we know the New Zealand environment, especially the unpredictability of our climate. BOSS solar systems are both robust and reliable, designed to withstand a range of conditions and elements from sunny and hot to cloudy and cool.

Designed for performance

We’ve accessed the latest technology to deliver superior performance both for today and years to come.

- BOSS vacuum tubes feature multi-layered tri-element technology which delivers high-energy absorption, low reflection and superior preservation of temperature – withstanding up to 300°C*.
- The evacuated tubes are manufactured for consistent, high-heat transfer rates.
- Made of the highest-grade copper, the heat exchanger performs under the toughest conditions and delivers maximum heat output with minimum heat loss to the air.
- The controller features a ‘holiday function’ that stands down the system when hot water is not needed. When this function operates, the water is automatically reheated from time to time to eliminate potential bacterial growth.

*Temperature without water.

Designed for good looks

The elegant design of our slimline collector panels ensure that BOSS solar systems are unobtrusive, without compromising the effectiveness and efficiency of energy capture. While usually roof mounted, BOSS solar panels can also be mounted at ground level. Whichever option, BOSS solar panels equal great performance plus great looks.

BOSS solar systems at a glance:

- ⇒ Intelligent control technology ensures efficient water heating in almost all conditions
- ⇒ BOSS solar vacuum tubes are constructed to guarantee high heat transfer
- ⇒ Connection capability with other energy sources such as gas heating systems
- ⇒ ‘Holiday function’ feature activates a stand down when hot water is not needed
- ⇒ Superior frost protection feature activates at 3oC to deliver reliable performance in cold weather
- ⇒ Low profile collector panel to preserve your property’s good looks




Tried and tested
in New Zealand
for New Zealand
conditions.

Proven and trusted

Boss Industries has the proven expertise and experience to deliver the ideal solar solution for your hot water heating needs.

We have a long and tested history of some 40 years and our choice of system components is informed by extensive research and development. Further, the people behind BOSS Industries bring decades of expertise in responsive, reliable service, and quality, precision workmanship across all aspects of the Heating, Ventilation and Air Conditioning (HVAC) and sheet metal fabrication industries. What this means is that we know heating and we know how to work with our clients to understand their needs and deliver successful solutions.

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Discover the benefits of BOSS

Talk to us to find out why choosing a BOSS system will be your best decision for solar hot water heating.

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in association with Air Dynamics



SOLAR HOT WATER SYSTEMS