

32 Appliance Elements– Hot Water

Hot Water— Bolt on Sickle Duraloy, Incaloy & Copper

High Quality Replacement bolt-on domestic Mains pressure hot water service elements .
To suit soft & hard water areas.
Screw terminated leads for easier fitting.

Dur-alloytm – Soft & Mid Water

Increased durability in soft water markets & suitable for higher hardness mains supplies in regional cities. (Sydney, Canberra, Hobart, Melbourne, Brisbane, Adelaide, Perth)

HWDS-18	1.8Kw
HWDS-24	2.4Kw
HWDS-36	3.6Kw
HWDS-48	4.8KW

Copper- Soft Water

For use in soft water markets. (EG Sydney, Canberra, Melbourne & Hobart)

HWCS-18	1.8Kw
HWCS-24	2.4Kw
HWCS-36	3.6Kw
HWCS-48	4.8KW

Incaloy - Hard Water

For use in extreme water hardness conditions
Bore water or Hard water towns supplies.

HWIS-18	1.8Kw
HWIS-24	2.4Kw
HWIS-36	3.6Kw
HWIS-48	4.8KW

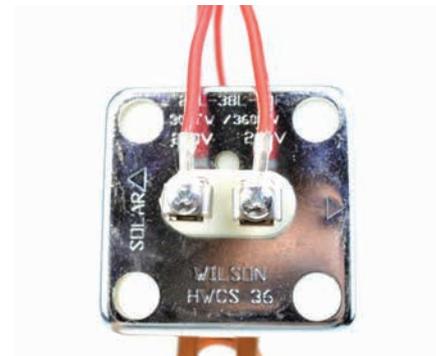
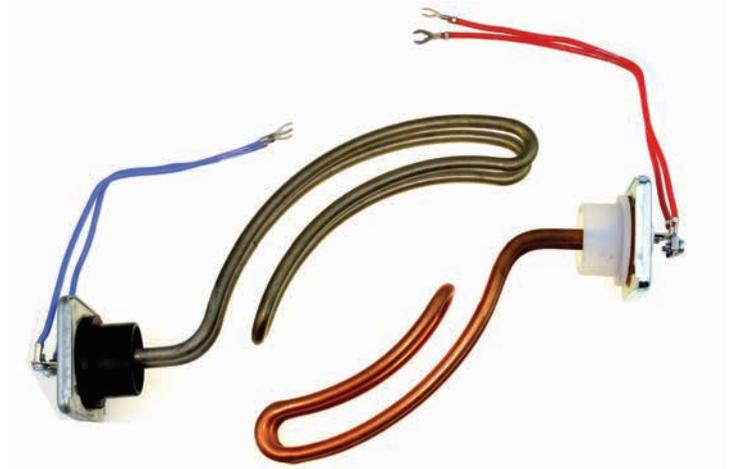
What is Dur-alloy?

Using specially processed High Grade stainless alloy the Duraloy elements approach incaloy corrosion resistance for roughly the same price as copper.

With the global demand for copper driving up prices Duraloy represents the new benchmark for value oriented Consumers.

Why Dur-alloy?

Dissolved minerals (such as salt , calcium & lime) in the water supply build up on an immersion heating element (often evident in a well used kettle as the scale that may come loose & end up in your coffee) and where concentrations are high , this will considerably shorten the life of the element. However because of their higher prices, hot water elements using Incaloy 800 & 825 Alloys though highly effective in extending element life in hard water areas are often not been used when the advantages are not immediately obvious or the customer is just looking for the cheapest price. Now **Dur-alloytm** elements give a better option at budget prices.



New right angle screw contacts.

Appliance Elements– Hot Water

Hotwater— Offset Copper

High Quality Replacement bolt-on domestic hot water service elements . To suit soft water areas. Screw terminated leads for easier fitting.

80 Litre & above tanks

HWE-01 3.6Kw

Replaces SS36S1 (Grimwood)

Replaces 3482XSN (Stokes)

HWE-02 4.8Kw

Replaces SS48S1 (Grimwood)

Replaces 3480XSN (Stokes)

HWE-03 2.4Kw

HWE - 01, 02, 03

**Less than 80Litre Capacity**

HWES-03 2.4KW Avail 2009

HWES-03, 04

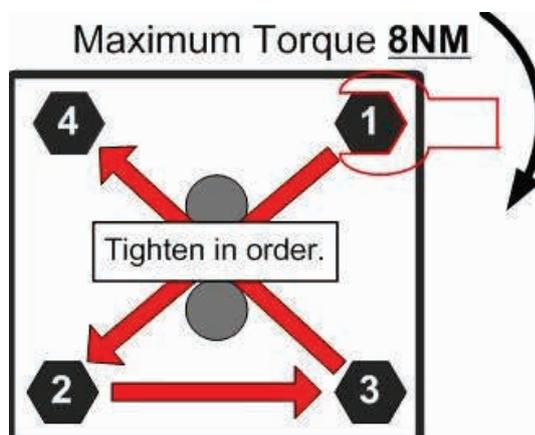


Suits most Australian made electric hot water systems.

Note: Not suitable for use in hard water area

Technical Notes

Copper or Incaloy? All water has a certain level of dissolved minerals present at the point at which it reaches your taps. Where these concentrations are low the water is said to *SOFT* where they are high the water is said to be *HARD*. **Soft water** areas are best suited to Copper based hot water elements as they give the best compromise between price & lifespan. In **Hard water** areas it is recommended to use incaloy based elements as they offer far greater resistance to the corrosive effects of hard water supplies.



Warning: Tightening bolts more than **8NM** will cause seal to leak.

Tighten bolts in order indicated.