

## **Teddington Appliance Controls Ltd.**

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### **PRESS RELEASE**

## **Teddington wage war on heating bills at Hearth & Home Exhibition**

As fuel prices continue to soar to record levels, Teddington Appliance Controls are highlighting their cost-saving QW damper thermostat for solid fuel appliance at the Hearth and Home Exhibition in Harrogate (stand B7, June 8-10).

The damper can significantly reduce heating bills by providing automatic temperature control and economy in the two main elements of domestic heating which account for about 25% of the total national energy consumption.

“In an average household, heating and hot water accounts for 84% of the energy consumption, 68% of carbon emissions and 50% of energy costs,” Teddington’s managing director, Terry Wyatt, points out.

“Reducing room temperature by 1 °C can cut heating bills by up to 10 percent, with significant savings in both running costs and carbon emissions.”

The QW offers

- Automatic control of solid fuel appliances burning coal, wood or anthracite
- Modulating action designed to control water, room or appliance temperature.
- Optimises efficiency and economy in fuel consumption.

- Alternative range spindle positions.
- Optional flexible drive for difficult locations.
- Controls heat dissipation in electric storage heaters.

### **Cutting carbon footprints**

The Teddington QW can also help cut domestic carbon emissions. When burned, all fossil fuels (coal, anthracite, oil, gas, LPG and wood) emit carbon dioxide. This carbon dioxide increases the greenhouse gases in the atmosphere, which contribute to global climate change. It is therefore very desirable to think of ways to reduce these emissions. This can be done by ensuring that a heating system is efficient, well maintained and incorporates adequate temperature control.

The QW can be used on room heaters, boilers, wood fired stoves, central heating units and night store electric room heaters. Once fitted to an appliance it is easy for householders to operate, giving the manufacturer the chance to offer a unique selling point to the customer.

### **How does it work?**

The QW thermostat controls the combustion in a solid fuel appliance by throttling the primary air intake into the appliance. A flat damper plate at the end of the control arm is moved relative to the air intake port of the appliance in response to variations of temperature at the sensor.