

## TACMA ANNOUNCES EFFECTIVENESS OF DOMESTIC HEATING CONTROLS RESEARCH RESULTS

### Findings reveal more significant effect on minimising energy use than predicted

New research carried out for the BEAMA controls group, TACMA, shows that the installation of effective temperature controls on home heating systems has a far more significant effect on minimising energy use than previously predicted.

Tests in a typical UK house, built within an environmental chamber, show that energy consumption by the heating systems can be reduced by up to 40% through the installation of a room thermostat and TRVs, with installation costs recovered in a around a year.

Carried out by the University of Salford, the tests also

showed how the application of TRVs (thermostatic radiator valves), providing independent temperature control in every room, can significantly improve comfort for householders by providing satisfactory heat distribution around a dwelling. The tests show this is not achieved without TRVs, even if the system is balanced.

TACMA director Colin Timmins commented: "It's clear from this latest evidence that all homes with a conventional hydronic heating system should have a room thermostat and a full set of TRVs. Benefits for householders will be systems that work as intended, delivering both comfort and efficiency.

"Installers will benefit too by making sure that both room thermostats and TRVs are brought up to standard when a boiler is replaced, and also by promoting heating controls as a valuable home improvement when, for example, servicing an existing boiler."

[Click here](#) to download the research report.

