

## Tricool Thermal replaces steam for process heating

Britain's largest industrial heating and cooling manufacturer, with over 30 years experience in the production of standard and bespoke solutions can announce its range of Thermoregulators are now being used to replace legacy steam systems in process heating applications.

This proven technology has been used very successfully in the plastics industry for a number of years. Now transitioning to food, pharmaceutical, chemical and general manufacturing (including jacketed vessels) industries these units provide the same consistent heating capability as steam but without a number of the key issues.

### Reliability

Tricool Thermals' Thermoregulators have been designed to offer excellent serviceability with limited maintenance needs. Using high grade, non-ferrous quality components these units are corrosion resistant with most also including self cleaning solenoid valves, stainless steel heat exchangers, solid state relays and diagnostic controllers to monitor and alert faults to the user.



### Flexibility

Tricool's Thermoregulators are so small they can easily be placed next to or under the process element they are heating, they are also so easy to move that if production lines change there is no significant structural work needed - customers just power down, unplug, move the unit to where they need it and re-attach.

### Energy Efficiency

This ability to be deployed so close to the process element they are heating also makes them highly energy efficient with minimal pipes and valves, high insulation and usually only a small reservoir tank required - all contributing to the lower energy needs of the Tricool Thermoregulators to reach and maintain the temperatures required.

### Temperature Accuracy

Designed with the customer in mind, these Tricool Thermal units offer easy operation with simple and clear user interfaces and temperature controls that can produce a range of precision 'degree accurate' temperatures at the touch of a button.

### Ongoing Value

All these benefits can potentially help industrial customers increase production, efficiency and product quality from their manufacturing processes and when you include the unit energy efficiency, can often bring significant cost improvements for a customer switching to thermal fluid over a traditional steam system.

### Custom Build



Tricools New Range

The range of standard units now available from Tricool Thermal starts from water heaters (giving temperatures up to **95°C**) and progress through pressurised water heaters (giving temperatures up to **160°C**) and up to the very high temperature oil heaters reaching **350°C**. Tricool Thermal can also offer bespoke manufacturing solutions for any type of heating and cooling need, designed to suit your specific site requirements.

For more information on the complete range and Tricool Thermal's other solutions visit our website [www.tricool.com](http://www.tricool.com). Alternatively, contact us on free phone **0800 977 5709** or at [info@icstemp.com](mailto:info@icstemp.com).