

## Fast Process Heating for Rent

Need a mould temperature controller fast to manage a heater breakdown or to help with a short-term product trial?

No problem. Cool Energy's range of rental mould temperature controllers are now available for immediate hire. The units help heat and temperature control injection moulding machines and can provide **thermoregulation** to oil or water heating processes such as jacketed vessels, printing presses and chocolate production.

All units are British-built by Cool Energy's sister company - **Tricool Thermal** who manufacture from their Southampton-based production facility, they can provide on a **same day or next day delivery** basis, from a **3 - 96kW** range.



Cool Energy's New Rental Mould Temp Range

Cool Energy's Director, **Russell Wilson** explained, "We have been developing our range of rental mould temperature controllers for some 15 months and have conducted trials with customers over this period, which have provided us with some excellent results."

### Short Term Project Help

"During this period of time we also offered rental units to help with trials, for pharmaceutical and chemical companies, where they don't have to commit to capital plant until their NPD is complete and proven."



Cool Energy's Director - Russell Wilson (left)  
Cool Energy's UK Rental Manager - Russ Baker (right)

### "Why Rent Cool Energy's Thermoregulators"

Standard units start 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**.

### Precise, Cost Effective Temperatures

We know manufactures are pushed to run more efficient processes to tighter quality regulations. Thermoregulators offer highly adaptable options to change temperatures quickly at the push of a button and **ensure consistent degree accurate temperatures** so the process sits within precise parameters. Our units also offer customers options around preset temperature ramping.

## Heat Efficiency

As our units are small enough to be deployed beside, above or under the process element they are heating, there is much less piping needed, less valves, less risks of leaks and minimal exposure to ambient temperatures. They also usually have low volume tanks, reducing the liquid volume in circulation, resulting in a reduced power input needed for heating.



of wear and tear the units will experience during their lifetime. Add to this a corrosion free construction removing steam abrasion and you can significantly reduce the maintenance costs for your process heating control.

## Ease of Use

Designed with the customer in mind, the units offer easy operation with simple and clear user interfaces and temperature controls that can produce a range of precise 'degree accurate' temperatures at the touch of a button. Production line staff can easily be trained on operations while the user interface on the control units can guide staff through what they need to do.

## Flexibility

As they are small units working along the process, when the production line needs to change you just power down, unplug, move the unit and plug back in, there are no major engineering works, reducing time and money wasted with the whole process down.

## Experience Counts

All units are **British-made** and have the benefit of 30 years experienced production and product control. All units are also built within **ISO9001** controls and CE marked.

## Process Redundancy

Instead of an issue impacting the whole process these small, highly manoeuvrable units can be isolated or quickly swapped, again offering efficiencies for the process if there is an issue.

Cool Energy, who operate throughout Europe, also rent air and water-cooled chillers, air blast coolers, air handling units, fan coils and air conditioners.

All rentals include 24/7 maintenance throughout the project period.

## Reliability

Our units feature self cleaning solenoid valves, non ferrous internal parts, self diagnostic systems and solid state relays to significantly reduce the amount

