

Purpose built heating units

When Stekko Co Limited was looking for precision temperature control for its custom-built stainless steel jacketed vessels it called in Tricool Thermal – the UK's leading designer and manufacturer of temperature control products.

Stekko is a project-led engineering company based in High Wycombe Buckinghamshire specialising in the manufacture of a wide range of finely tuned products that includes mixers, pressure vessels (BS550) jacketed vessels, blenders, dispensers and clean room equipment.

The company's products are in great demand by national and international companies in the food, drink, chemical and pharmaceutical industries who require reliability and an efficient backup service.

Stekko's project

Stekko approached Tricool Thermal to design purpose-built heating units for its stainless steel jacketed vessels. The jacketed vessels are highly specialised pieces of equipment that are widely used in the pharmaceutical industry by companies such as Catalent Pharma Solutions who use them for its Zydys® process and the manufacture of capsule form drugs.

"Our vessels are specially engineered to cope with wide ranging temperatures as the contents are heated up to 80°C then cool down to -2°C," says Chris Chaffey, Stekko's Managing Director.

Tricool Thermal's Service

Following an extensive brief, Tricool Thermal designed and manufactured a custom-built 5kW thermoregulator to provide accurate temperature control. The unit circulates water through a closed circuit that maintains the temperature of the jacketed vessel's contents within a very tight tolerance.

"Stekko and Tricool Thermal have worked well for the last 10 years. So far Tricool Thermal has supplied 45 systems and we are confident that whatever the application Tricool Thermal can be relied upon to provide the best solution that meets our requirements."

Visit our website www.tricool.com for more information, or contact us on **0800 977 5709** or at info@icstemp.com.



The custom-built 5kW thermoregulator with jacketed vessel