



NEW DIMENSION IN TEMPERATURE CONTROL FOR SATURN SPRAYING



The Challenge

Saturn Spraying, a leading player in food manufacturing equipment and synonymous with innovations called in ICS Cool Energy to work on a heating solution for the technically demanding production of breakfast cereals.

“ ICS Cool Energy provided us with the very equipment that we needed to break into markets that we previously couldn't address. ”

Maintenance Manager

WE MAKE IT WORK

The Solution

With a brief to develop a product for the technically demanding breakfast cereal category, a solution was needed so liquids could be sprayed directly onto foodstuffs in temperatures other than ambient. ICS Cool Energy worked alongside Saturn Spraying to develop a solution.

ICS Cool Energy Sales Engineer Ben Newman recommended a T90 water heater as part of a closed loop temperature control system. Offering temperatures of up to 90°C, the non-pressurised T90 unit allowed for the spraying process specifications to be met as well as providing a safe method of keeping water-based solutions at a specific temperature. All without compromising the fluid's composite integrity.



The Result

Use of the reliable T90 system helped to ensure that Saturn Spraying could provide improved production efficiency and minimal rejection rates long after the initial installation, with the continuity of production so essential in the food industry.

The installation of the equipment allowed for Saturn Spraying's core processes to become even more specialised, allowing the customer to target a previously unexplored category.

Saturn Spraying Sales and Marketing Manager Martin Purnell said:

"ICS Cool Energy provided us with the very equipment that we needed to break into markets that we previously couldn't address. With the ICS Cool Energy T90 water heater unit, we have a technically sound product that will ensure that we remain at the forefront of food spraying technology worldwide."

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