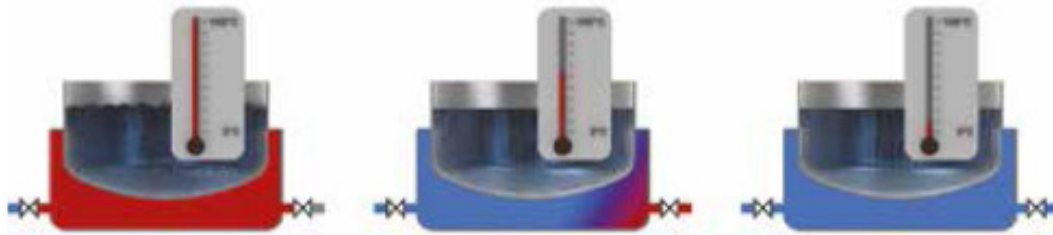


SCT2 – COOLING SYSTEMS FOR BASKETT KETTLES

How does it work?

During the cooking session, the vessel jacket is filled with pressurised steam at 0.5 bar (fig.1). When the cooling system is switched on, the steam and hot condensation residues are automatically discharged and the electrovalve causes the cold water to flow into the jacket (fig.2).



Two temperatures will be visualised on the display: product core and cooling water temperature respectively. The SCT2 system will cause cold water to circulate (fig.3) until the required temperature is reached.

COOL.	65°	100	°C
H2O COOL		100	°C

Products usually reach a temperature 4 degrees higher than the cooling water. So if the water entering the jacket is 3 °C, the product will reach 7 °C.

What does the optional SCT2 include?

This device is designed to be easily connected to a cold water circuit, whether closed- or open-loop system. It includes connections and the electronic system controlling the cooling cycle.

The price quoted does not include pumps, pressure reducers, refrigerators ... or any parts outside the kettle.

How long does it take to cool down products?

The time taken to cool down products depends on the temperature of the water entering the system and the type of product being processed. This technology was developed for liquid foods like thick and thin soups, but can also be applied to thicker foods like purees...., although this will lead to longer cooling times.

For example, it takes 60 minutes to cool a soup from 100 to 20 °C using water at +5 °C. To reach 10 °C it will take a further 30 minutes.

Times also depend on the room temperature.

Important information

Only water can be used in the cooling circuit.

Do not use glycol-based fluids.

The maximum pressure inside the jacket is 0.5 bar. Water entering the system must not exceed this value.

SCT2 can be ordered for all models of Baskett kettle, including the gas versions.

For maximum efficiency we recommend installing this option on models with mixers (PR...M).