

Steaming and... Saving Energy

With FTNON's DCC® System

Flo-Mech



FOOD TECHNOLOGY
NOORD-OOST NEDERLAND

Flo-Mech are the UK & Ireland Sales and Engineering partner for FTNON.

Food Technology Noord-Oost Nederland B.V. (FT NON) is a modern, technically and technologically well-equipped company with a history going back over 50 years. Operating worldwide, FTNON have subsidiaries in Almelo (NL) and Salinas (USA).

Coming from a long tradition of producing blanchers and steamers, FTNON has introduced a revolutionary concept to create the new Energy Saving FTNON Steamer.

With this steamer waste steam is reduced to a minimum. According to field measurements and our experience, reductions reached vary between 30% and 90%. The consequent reductions in water and energy consumption are spectacular and also considerably reduce the pay-back period of the investment. Secondly the improved steam management has a positive effect on product quality.

Principle

Most steam cookers are adjusted to a temperature of 100° to 105°C. In order to be sure that the steamer is fully filled with steam, an excess amount of steam is brought in. This excess amount of steam is lost at the infeed and outfeed of the steamer and exhausted to the ambient surroundings.

The new concept is based on the intelligent use of the difference in density between atmospheric steam and air. In combination with the correct adjustment of your cooker, a balanced 100% steam atmosphere will be created automatically. Steam losses are history.



What can it mean to you?

Are you using a belt steamer, belt blancher, screw cooker or other similar steam process, and want to make considerable savings on your energy consumption?

Advantages of the DCC® System

- Maximum energy saving 30-90%
- No adverse consequences for product quality
- Optimal cooking process by 100% steam atmosphere
- Automatic steam adjustment: no product = no steam
- Low investment costs (0.5—1.5 year payback typical)
- No trail of steam on the roof of the building
- Applicable for several types of steamers
- New concept can be applied to existing steamers as well as new steamers

For more information on FTNON and their energy saving DCC® system, and how we could add value to your operations, please contact Martyn Henson on +44 (0) 1733 233166 or email martynh@flo-mech.com

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