



Energy saving potential in Vending



Saving energy made easy - economically sustainable

Environmentally-friendly from the outset.

We too have no universal remedy for combatting rising energy costs and global warming. Nevertheless, for many years Sielaff has focused on the responsible handling of energy and resources used in our development, manufacture and operation.

Green technology overall:

- HC refrigerant R 290 with a GWP of 3 (Global Warming Potential = global warming and greenhouse gas potential)
- Energy saving LED-illumination
- A temperature regulating system bespoke to each location
- Modular design – making our system extremely service-friendly
- Up to 99,7 % of our vending systems can be recycled due to the high-grade materials used

Lighting concept using LEDs, extra thick insulation and a temperature regulating system to suit site requirements provides additional opportunities for saving energy.

By making some simple adjustments to the daily operating of our vending systems energy savings can be made on a daily basis.

Calculation example:

A hypothetical daily saving of **0.5 kWh** would amount to an annual saving of approx **180 kWh**. Using an average value (Nov. 22) of **0.48 € per kWh** this would amount to a yearly saving of approx. **85.00 €** by just following one of our recommendations.

Glas-fronted cold drinks machine

- by switching off the product illumination for 12 hours (e.g. during the night)

around 15% savings



Snack machine

- By switching off the product illumination for 14 hours (e.g. during the night) and by increasing the inside temperature from 8 °C to 14 °C for 12 hours

around 45 % savings



Snack machine

- By switching off the product illumination for 12 hours a day with a product temperature of 8 °C

around 18 % savings



Snack machine

- By switching off the product illumination for 12 hours a day with a product temperature of 12 °C (instead of 8 °C)

around 38 % savings



Siamonie / Siamonie Smart

- By lowering the boiler temperature to 60 °C during (e. g. when the office is closed)

around 16 % savings



Floor-standing hot drinks machines

- By lowering the boiler temperature to 60 °C during (e. g. when the office is closed)

around 19 % savings



Leaders in energy saving.

Our machines' standard functions have been enhanced for daily use. To fulfill the customers demands and legal requirements, additional savings can be achieved by making simple adjustments to our machines.

Our tips are designed to provide you with information for the sustainable operation of our vending systems without compromising hygiene or safety.

Effective results with minimum outlay.

Our calculation examples show that it is worth re-thinking how machines are operated. Savings are there to be achieved by making some simple, straightforward adjustments.

**We have a saying at Sielaff:
Great things have small beginnings.
Do something to help the environment
gives you a real sense of achievements.**





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