

Savingclaim

Productname **Go Green Digital radiatorthermostat valve**
Articlenumber **gtd7010341**

This savings claim was put together with great care in order to give consumers more details on the savings of this product. For any comments on this savings claim please contact info@go-green.nl. Claims due to disappointing results will not be taken into consideration.

	Price		Saving/yr	Euro/yr	kg CO2/yr
kWh	€ 0,22			€ -	0 kg CO2
Gas/m3	€ 0,62		46,0 m3 gas	€ 28,5	82 kg CO2
Water/m3	€ 1,30			€ -	0 kg CO2
Persons/ household	4		Total	€ 28,5	82 kg CO2

motivation savings claim calculation

The wireless thermostat is particularly useful in rooms where not always someone is present but where warmth is appreciated. A working room, a hobby room, a part-time office and of course the bathroom. In this claim we calculated with the consumption of a bathroom. We assumed a bathroom without programmable thermostat needs warmth from 07.00 in the morning until 23.00 at night approx. at 22 degrees. The remaining hours we assumed the temperature of 15 degrees is common. When the programmable thermostat is used, the radiator starts from 06.30 to 08.00, from 18.30 to 19.30 and from 21.30 to 22.30. When this is converted to degrees in days, this saves a 3.6 delta T per year. This is a savings of 38%!

Conclusion

Based on a house in which the annual gas consumption is 1500 m3 and the bathroom is 8% of the total heated surface.
 $1500\text{m}^3 \times 8\% \times 38\% = 46 \text{ m}^3 \text{ gas savings per year.}$

Bronvermeldingen

Source Indication: Technea Nederland