

# Comparison between Termogar and other thermo-fireplaces

Before making your decision, we invite you to compare Termogar’s performance with other thermo-fireplaces:

The purchase price is a factor to be taken into account, but it is even more important to consider the product’s annual maintenance cost. We have plotted a graph that shows some of the variables that affect the annual maintenance cost of this type of product. Depreciating the purchase price over 10 years, we can calculate the thermo-fireplace’s final real price. It can be seen from the data below that Termogar is one of the most cost-effective fireplaces currently available on the market.

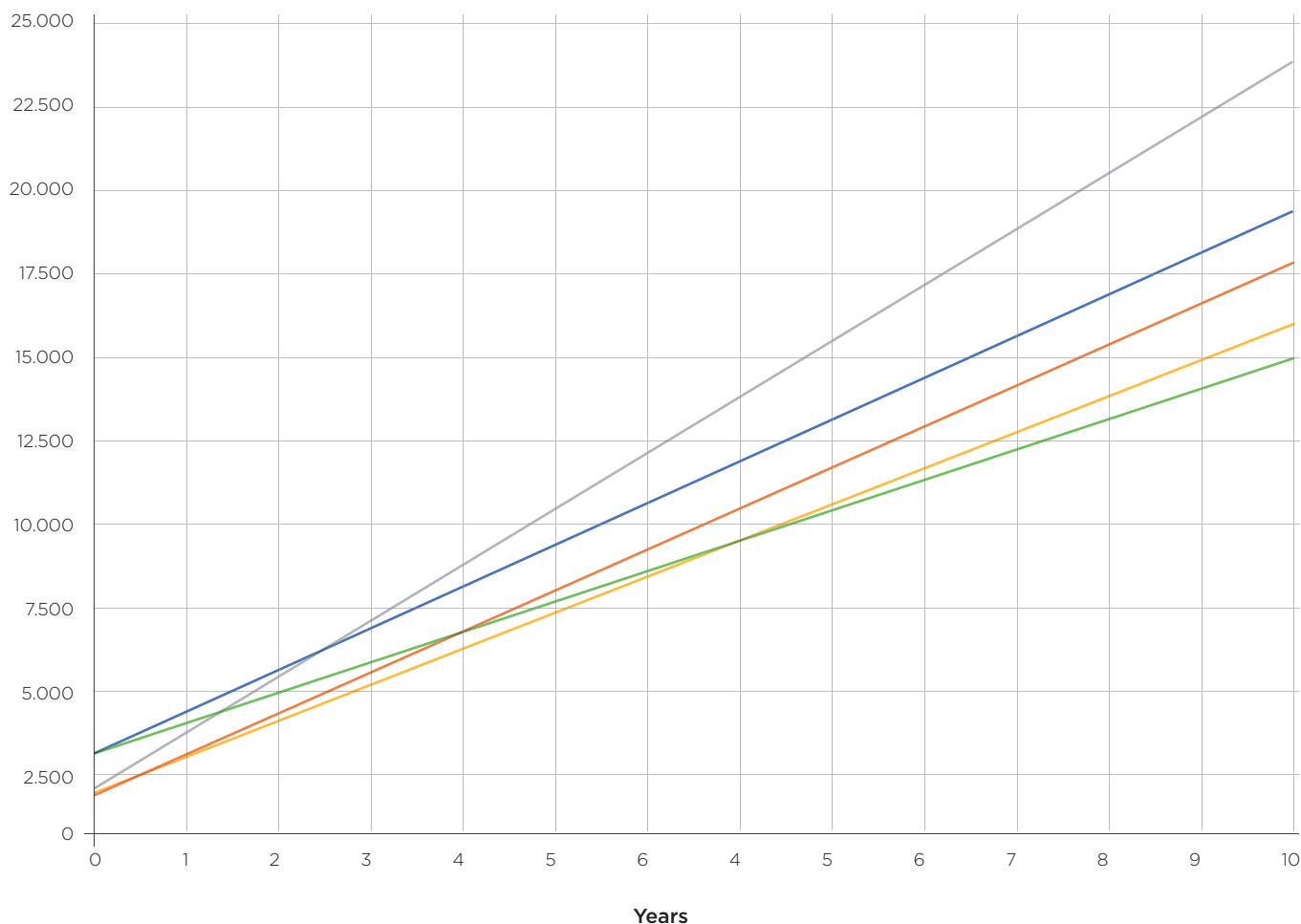
Product	η (Total)	η (Water)	Heat output in water kW	Consumption per hour (kg/h)	Consumption at stable temperature (20°C) (kg/h)	Tonnes (per year)
TERMOGAR	85%	89%	19,5	5,5	2,06	7,41
Other product A	74%	78%	18	7,1	2,73	10,37
Other product B	77%	63%	13,68	7,3	3,84	13,84
Other product C	75%	63%	14,49	5	2,52	9,07
Other product D	80%	82%	22,8	8,5	2,72	9,80
Try it yourself	Values provided by the manufacturer			To be calculated (1)		To be calculated (2)

Product	Purchase price	Annual cost of firewood	5 years	Total cost 10 years
TERMOGAR	3.500,00	1.185,90	9.161,76	15.091,60
Product A	1.400	1658,60	9.698,82	17.118,60
Product B	1.750	2.116,90	12.830,25	23.903,49
Product C	1.500	1.501,70	8.754,66	16.009,32
Product D	3.600	1.895,06	13.075,29	22.550,58
Try it yourself	Price of other product	To be calculated (3)	To be calculated (4)	To be calculated (4)

To be calculated:

- (1) Consumption at stable temperature = 0.061 x Dwelling floor area x Hourly consumption / Heat output in water
- (2) Tonnes (year) = 3600 x Consumption at stable temperature / 1000
- (3) Annual cost of firewood = Tonnes (year) x 160
- (4) Total cost = (no. years) x Annual cost of firewood + Purchase price of product

Cost €



Termogar	<span style="color: green;">—</span>
Product A	<span style="color: orange;">—</span>
Product B	<span style="color: grey;">—</span>
Product C	<span style="color: yellow;">—</span>
Product D	<span style="color: blue;">—</span>

## Remember

Thermo-fireplaces need maintenance. Termogar offers a higher yield and more efficient combustion, therefore requiring less maintenance. Higher consumption in these products means more frequent reloading and bigger space requirements.

These calculations are based on an approximate selling price and correspond to heating a 120-m<sup>2</sup> dwelling with firewood at a price of €0.16/kg for 5 months.