

Heating upgrade FSR/white HTS elements to black HTS-s elements

Thermoforming is a very energy depending way of production. That is why we always try to reduce the energy consumption of our machines. Upgrade the heating elements from FSR or white HTS to black HTS-s heating elements will give you lower power consumption and increase your productivity.

Your benefits

- | Lower heating power consumption between 8% and 33% (depending on other factors)
- | Faster heat up of the whole heating
- | Heating process more stable
- | No machine modification necessary

Available for machines

all machine types RDM | RDK | RDKP | RV | RD

Cost of purchase, example machine RDM 54 K	4.500 EUR
Power consumption (upper/lower heating):	45,10 kW
True power consumption FSR (assumption turn-on duration 60%)	27,06 kW
True power consumption HTS-s (assumption energy efficiency -23%)	20,85 kW
Energy saving/ year HTS-s vs. FSR (assumption 6000h per year)	37 260 kWh
Cost saving per year: (assumption 0,10€/ kWh)	3.726 EUR
Investment payback after:	1,21 years



Bild: black glazed HTSs heating elements - Quelle: Carl Hanser Verlag, München