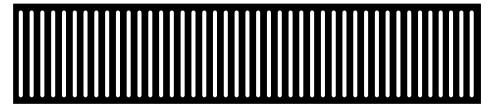


# **Why is STEP Warmfloor more efficient than other heating systems?**



## **1. Reaction to temperature fluctuations - overall savings 15%**

STEP Warmfloor is installed right under the floor covering and reacts fast to temperature changes. The self-regulating elements act as a floor sensor, produce more wattage when cold and less wattage as they warm up. STEP Warmfloor cannot overheat.

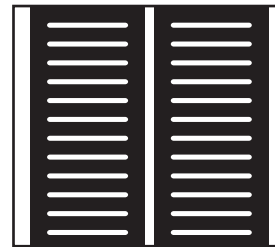
## **2. Temperature loss to the ground - overall savings 7%**

The flat heating elements of STEP Warmfloor operate at a much lower temperature than hot water tubing and electric cables. Heat goes to cold and the excessive heat from hydronic and cables is lost to the ground.

## **3. Heat distribution - overall savings 15%**

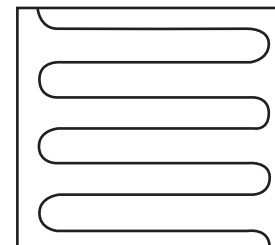
**Floor Area cover by STEP Warmfloor elements = 60%.**

STEP Warmfloor covers a much larger area, thereby warming the floor evenly with a lower temperature.



**Floor area covered by heated cables = 2%**

Thin heated cables need more mass and more power to distribute the heat.



## **4. Energy consumption - continuous regulation 25%**

STEP Warmfloor is made of self-regulating material and can be used with a regulator, lower the consumption of energy.

## **5. Non Maintenance - priceless**

STEP Warmfloor is designed for a lifetime of continuous duty on 24VDC or VAC. No extra boiler, no upgrading of existing furnaces and no maintenance is needed. The danger of possible pipe breaks does not exist.