

Why is FloorHeat more efficient than other heating systems?

1. Reaction to temperature fluctuations - overall savings 15%

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

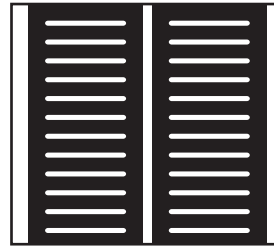
2. Temperature loss to the ground - overall savings 7%

The flat heating elements of FloorHeat operate at a much lower temperature than hot water tubing (hydronics) and electric cables. Hot goes to cold and the excessive heat from hydronic and cables is lost to the ground.

3. Heat distribution - overall savings 15%

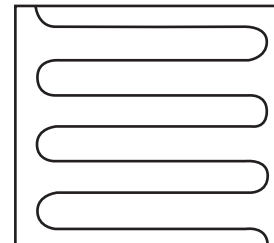
Floor area cover by FloorHeat elements = 60%

FloorHeat 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%

FloorHeat is made of self-regulating material and can be used with a regulator, lowering the consumption of energy.

5. Non Maintenance - priceless

FloorHeat 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.