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Underfloor Heating- Feel Warm and Cozy by Julia Roger

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If you live in a country where you experience cold weather conditions almost throughout the year then you will be surely aware about a heating apparatus called under floor heating. The purpose of installing this apparatus is to keep the room or the house warm. The process applied in underfloor heating is thermal radiation. This ensures even distribution of heat throughout the room or house. There are two methods to achieve this. In the first method polyethylene pipes are installed through which warm water is circulated. The second method makes use of electric matting. The heat thus generated comprises convection heat (70%) and radiant heat (30%).

In the first method of under floor heating a boiler is used to heat the water. There is a thermostat to control the water temperature. There is also an actuator with check valves that controls the flow of water. On the other hand there is no need of pipes or water if you are using electric matting for underfloor heating. Regarding your concern for leakage in case you are thinking of opting for the first method then you can be rest assured that there is no chance of leakage. This is because special heat resistant pipes are used and the same are completely sealed. Moreover certain standards are followed while laying the pipes and proper leakage checks are done.

The convenience and cost-effectiveness of this type of heating is far better in comparison to other room heating devices. As this system can work in low temperatures and requires less energy to heat water it is quite energy efficient. In addition heat is spread evenly throughout the room or house thus providing a warm and cozy feeling. If you are looking for a long term heating solution then nothing can be better than this.

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