

**Mid-Atlantic Masonry Heat
Tulikivi Soapstone Design & Distribution
Zion Crossroads Industrial Park
170 Industrial Way, PO Box 1030
Troy, VA 22974**

Never too hot Never too cold Just Warm

Tulikivi Radiant Heat

One of the biggest problems with using traditional wood burning stoves, in the relatively mild climate of the Mid-Atlantic and South Eastern region of the country, is that most of the heating season is actually spring and fall weather with real winter weather only a few weeks long....not months in duration as compared to the Northern regions of the country. This is an important consideration. Much of the time, the average energy demand of your house will be quite low. For older conventional woodstoves, this energy demand will be below their "critical burn rate" or the point where they start to smolder. With the newer more efficient wood stoves now on the market, where the burn rate can not be adjusted, the BTU output will most likely be greater than comfort allows during the spring and fall portion of the heating season. A new EPA approved wood stove will only work satisfactorily when it is fairly cold outside. It will produce too much heat during the lengthy fall and spring heating seasons in the southern regions of the country.

In order to avoid this problem, Tulikivi fireplace fill the bill perfectly. If you need even a very small amount of heat, such as in the early fall or late spring when you only want to take the chill off the air, you simply burn a smaller fuel load-yet still burn it quickly as possible. If you sit near the door of a Tulikivi you will get immediate heat through the glass door, but most of the heat from the fire will be stored in the thermal mass of the fireplace and will over a long period of time provide gentle "radiant sunshine" within your home. Unlike a traditional wood stove, the Tulikivi fireplace will not make the room it is located in too warm, resulting in the need to open your doors or windows to vent the hot convection air. Rather you have a premium radiant heating system with an even and comfort temperature level that simply cannot be equaled by traditional wood stoves or for that matter the convection heat of forced air furnace and heat pump systems.

The only heat system that is comparable in comfort with a Tulikivi fireplace would be an in-floor radiant system of many hundreds of square feet. Even here the Tulikivi fireplace has advantages, the main one being that during the transition seasons of early fall and late spring the heat you need to take the chill off the air is delivered much more quickly than in a large radiant floor system that runs cooler and takes more time to make its effects felt. Another big advantage is when the power goes off...a Tulikivi does not need electricity to operate. Needless to say you will not be able to enjoy looking at the fire heating your in-floor radiant system the way you will be able to enjoy the fire viewing provided by your Tulikivi fireplace.