



HEATING SYSTEM COMPARISON	HEATIZON Low Voltage Electric Radiant System	HYDRONIC Hot Water Radiant System
EFFICIENCY		
Efficiency at 100% capacity	100%	65-85%
Efficiency at 50% capacity	100%	35-65%
100% of energy is used for heating	Yes	No
Proper sized capacity for "Off Peak" conditions	Yes	No
Requires two energy sources	No	Yes
MAINTENANCE		
Moving parts, pumps, valves, etc.	No	Yes
Easy to repair	Yes	No
Routine maintenance and service required	No	Yes
Simple and reliable controls	Yes	No
COST SAVINGS		
Expandable - - Easy and Economical	Yes	No
Works with all floor coverings	Yes	No
Easy and economical installation	Yes	No
Extra square footage required to accommodate system (\$100 to \$300/square foot)	No	Yes
Exhaust or fresh air venting required	No	Yes
Structural modifications and concrete required	No	Yes
REMODELING		
Retrofit into existing surfaces	Yes	No
Simple modification for remodeling	Yes	No
Effective in small or large areas	Yes	No
HEALTH & SAFETY		
Environmentally friendly	Yes	No
Safe (no high-voltage, no hot surfaces, no gases, no pressure control problems)	Yes	No

Heatizon Systems.... when only the finest will do!

Heatizon Systems provides the finest products available for in-floor radiant space heating, the warming of floor surfaces, snow melting, and roof snow melting and de-icing.

Discriminating architects, building owners, engineers, and specifiers seeking the highest quality products and expecting many years of affordable, efficient, and trouble free operation choose Heatizon Systems. We specialize in products that deliver comfort, customer satisfaction, safety and quality that is backed by the longest warranty in the industry.

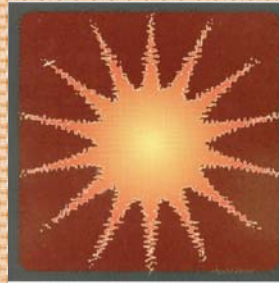
Heatizon Systems has developed two different heating elements—Z Mesh and Tuff Cable. Z Mesh is the same thickness as the fabric a screen door and is designed to go ON wood and concrete sub-floors and sub-roofs. Tuff Cable is designed to go IN new and existing asphalt or concrete, and in lightweight concrete, thinset, a sand bed, or a Heatizon Heatsink Kit.

Unlike Hydronic in-floor radiant heating and snow melt products, Heatizon Systems products do not:

- consume expensive floor space (Heatizon's Control Units mount on walls;
- require special framing and load bearing for 1.5 to 2 inches of concrete;
- need cold fresh air or exhaust venting;
- demand that occupants tolerate leg and back pain caused by standing on concrete;
- require more than one energy source to be operational;
- mandate only those with special training and/or tools install and repair them; or,
- need routine maintenance and testing.

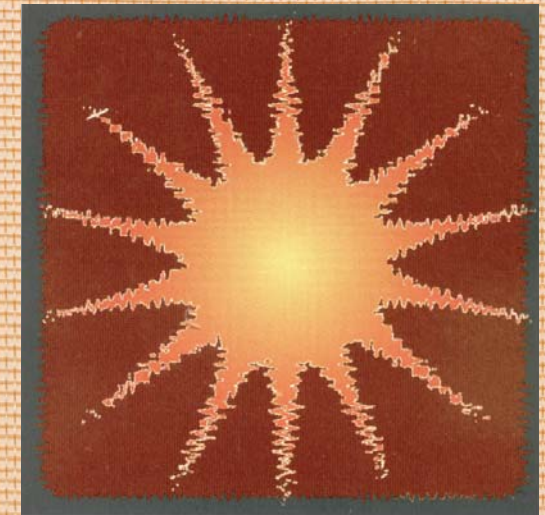
Heatizon Systems Commercial & Residential Applications:

- Space Heating—homes, buildings, basements, garages, etc.
- Snow Melting—driveways, sidewalks, bridges, helipads, entrances, etc.
- Floor warming—ceramic tile, stone, hardwood, carpet, etc.
- Roof Snow Melt—eaves, valleys, crickets, etc.
- Floor drying, tile, concrete, etc.



HEATIZON
SYSTEMS

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HEATIZON
SYSTEMS
RADIANT HEATING • SNOW MELTING

Are you missing
the comfort, economy,
and health benefits of
Radiant Heat due
to the drawbacks of
hot water?

HEATIZON VS HYDRONICS

A comparison between a Heatizon
in-floor heating system and a
hydronic in-floor heating system