



## Heating Your Home

Space heating with the Seisco is an excellent home comfort solution. And, you will...

- Save on installation costs that are up to 50 percent lower than other boiler systems.
- Save valuable space in your home: the Seisco boiler is very compact (the largest size is only 15<sup>3/4</sup>"x15<sup>3/4</sup>"x6<sup>1/4</sup>").
- Easily heat your whole house, or just a room, whichever you prefer.

## Technical Information

The Seisco boiler offers many features and benefits:

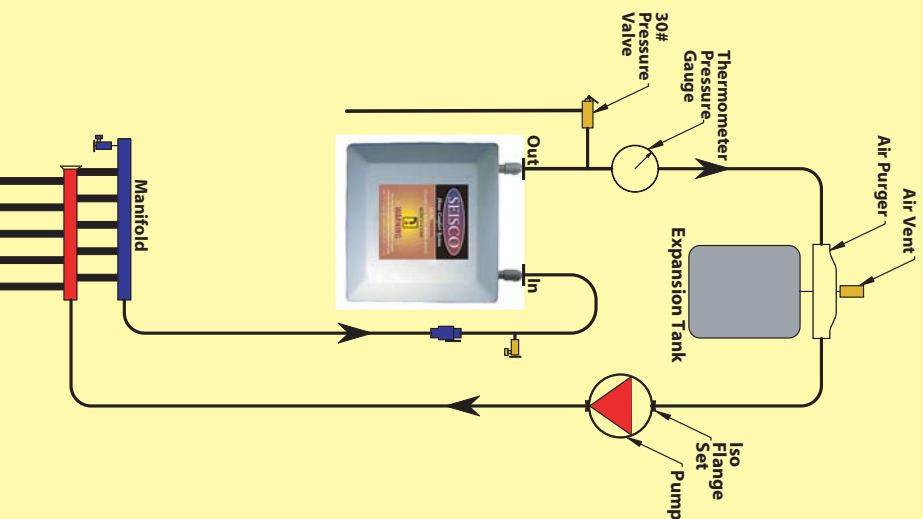
- It is ANSI/UL 834 approved for space heating.
- It is the only electric boiler that fully modulates with water temperature, resulting in higher efficiency and lower operating costs.
- It is made with a high performance polymer nylon chamber, giving it excellent long-term durability.
- It has no minimum flow activation.
- It has microprocessor digital control with power sharing technology.
- It is self-diagnostic, making troubleshooting simple.
- It has redundant safety devices.
- It has accurate temperature controls plus or minus one degree Fahrenheit.
- It is rust and corrosion resistant.
- It has load management control capacity.

## Installation Information:

### Specifications

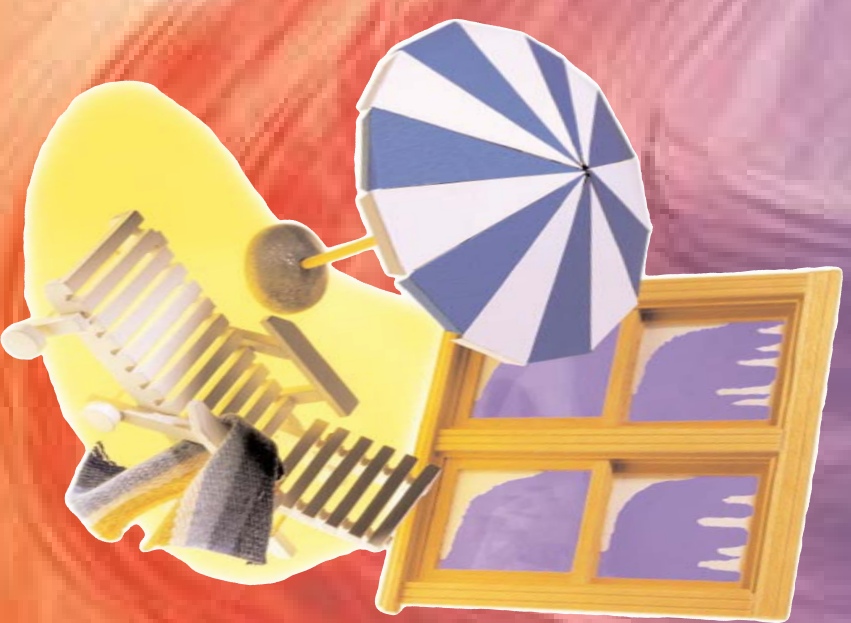
Model number	kW @ 240 VAC	Btu capacity	Boiler amps
SH-5	5 kW	17,065 Btu	21 amps
SH-7	7 kW	23,891 Btu	29 amps
SH-9	9 kW	30,710 Btu	37.5 amps
SH-11	11 kW	37,540 Btu	46 amps
SH-14	14 kW	47,780 Btu	58 amps
SH-18	18 kW	61,430 Btu	75 amps
SH-22	22 kW	75,080 Btu	92 amps
SH-28	28 kW	95,560 Btu	117 amps

### Mechanical Illustration



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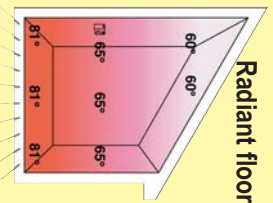
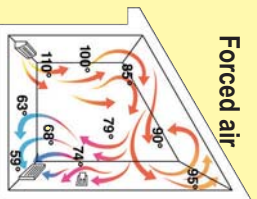
# The Seisco Boiler



*For a Whole New Level  
of Heating Comfort*

## Benefits of the Seisco Boiler and radiant floor heating:

- **Comfortable** – Consistent, even heat remains near the floor, eliminating inconsistent temperatures throughout your home.
- **Space saver** – Save valuable space in your home because the Seisco boiler is very compact (the largest size is only 15<sup>3/4</sup>"x15<sup>3/4</sup>"x61<sup>1/4</sup>").
- **Economical** – Because you are in direct contact with the heat source, you are comfortable at a lower thermostat setting, which saves energy and money on your electric bill. Operating costs can also be reduced through load management programs offered by many electric utilities. Contact your utility for details.
- **Safe, clean and quiet** – The system is electric. Therefore, it is clean, quiet and efficient. It is also good for indoor air quality because dust and allergens are not being circulated through ductwork like with forced air heating.
- **Versatile** – It can be used to heat your entire home or just sections such as your basement, bathrooms or kitchen. Garages, workshops, sheds and dairy barns are also perfect applications for the Seisco Boiler. And it works with any type of floor covering – even carpet.\*
- **Easy installation and low maintenance** – The unit is wall mounted, it has no filters to change and requires no annual tune-ups.



Unlike forced air heating systems, radiant floor heating heats your body and objects, not the air. The warmth stays near the floor where it is needed most, providing a high level of comfort.

\*R value of carpet and pad should be below R-2.

## What is radiant floor heating?

Radiant floor heating is one of the fastest growing methods of home heat for both new construction and remodeling projects. With radiant floor heating, the living space is heated by circulating warm water through tubing in the floor. The heat in the tubes radiates to the floor surface and rises evenly throughout the room above. The result is evenly distributed room temperatures. Radiant floor heating is widely regarded as a comfortable, healthy and natural heating process, providing the total comfort package.

### How is the water heated?

It is heated by the Seisco Boiler hydronic electric heating system. The water is heated by a patented power sharing technology which offers full modulation for accurate output temperatures. It is then circulated through approved pex tubing into the room.

### The Seisco Boiler is a great heating solution for any part of your home...

The illustration at right shows the many areas of the home where the Seisco Boiler and hydronic heating can be used. Choosing a Seisco Boiler for your heating needs is practical for many reasons. The numbers below correspond with the graphic.

- 1 An effective way to warm tile or wood floors in kitchens and bathrooms.
- 2 Ideal for hard-to-heat rooms with vaulted ceilings because the heat is kept near the floor.
- 3 Eliminates the drafts that can move dust and allergens.
- 4 Optional multi-thermostats for room-by-room temperature control.
- 5 Place your furniture anywhere you desire. There are no vents or radiators to block.
- 6 Works with any floor covering.\*
- 7 The most effective way to heat a basement.

