STEFFES

Electric Thermal Storage

THERMELECT

COMMERCIAL

RESIDENTIAL

MULTI-FAMILY

RADIANCE

SERENITY

STEFFES.COM/ETS

STEFFES ETS

ESTABLISHED IN 1987

Steffes develops and manufactures innovative energy technologies that deliver efficient, reliable, and sustainable electric heating solutions for homeowners and businesses across North America.

With nearly 40 years of experience in the heating industry, Steffes has earned a reputation as a global leader in energy storage and load management, helping customers optimize energy use while supporting a more resilient power grid.

Backed by extensive technical expertise, our team specializes in enhancing energy storage capabilities and improving the efficiency of power generation, transmission, and distribution through Electric Thermal Storage (ETS) solutions. By combining proven technology with forward-looking design, Steffes continues to drive smarter energy use and long-term value for both residential and commercial applications.

ETS TECHNOLOGY

Each of our furnaces and room heaters delivers reliable and consistent comfort while reducing the high electricity costs associated with many inefficient, traditional heating systems.

Our ETS systems take advantage of off-peak electricity, which is charged at a lower rate since it is consumed during times when demand on the electrical grid is low.

The off-peak electricity is converted to heat and stored in high-density ceramic bricks within the heater until it's needed, delivering comfort exactly when and where it's required.

SMARTER SPACE HEATING

Our solutions don't just heat spaces—they also support the power grid by helping balance supply and demand.

Because they can utilize off-peak electricity from the grid, Steffes products help create a more resilient and reliable system for everyone.

PRODUCTS

ROOM HEATERS

Steffes room heaters provide clean, consistent heat for rooms of nearly any size. They are ideal for retrofitting electric baseboard-heated rooms, supplementing an existing heating system or heating a new addition in a home or business. Multiple heaters can be coordinated to operate together for increased heating capacity.

From single-family homes to large commercial buildings, and multi-family housing units like apartment buildings, Steffes room heaters can help reduce peak demand for the building owner while giving flexibility for individual rooms to set their own desired temperature.

RADIANCE *- our newest product!*

Steffes **Radiance** room heater, the newest addition to our ETS product family, features a reduced size and updated modern design that fits seamlessly into any room, paired with a new LCD user interface for simple, intuitive control.

FORCED AIR FURNACES

Steffes forced air furnaces can be used to replace existing oil-burning or gas/electric systems and can be coupled with a conventional heat pump for maximum efficiency.

Our forced air furnaces are equipped with a variable speed blower to ensure a consistent, even temperature output to meet comfort requirements.

SERENITY

The compact sizing of **Serenity** provides flexibility for its installation in various residential configurations.

COMFORT PLUS

With its larger brick core, **Comfort Plus** offers increased heat storage capacity and greater space heating capabilities.

PRODUCTS

RESIDENTIAL HYDRONIC FURNACE

COMFORT PLUS

Utilizing a heat exchanger, Steffes's **Comfort Plus** hydronic furnace transfers stored heat to water, which is then circulated throughout the home.

Heat can be delivered through a radiant floor system, baseboard radiation, free-standing radiators, a forced air system or almost any combination of zoned delivery systems.

Our residential hydronic furnace can handle multiple heating zones and can be paired with a heat pump for even greater efficiency.

COMMERCIAL HYDRONIC FURNACE

THERMELECT

The Steffes **ThermElect** hydronic furnace is a commercial, institutional, and industrial heating system that blends hydronic heating with ETS technology for commercial use.

Schools, hospitals, arenas and banks are just a few examples of facilities that have successfully reduced their peak demand, better managed their energy consumption, and saved money with ThermElect's electric hydronic boiler and integrated thermal storage system.

ThermElect is extremely flexible, can handle multiple zones, and its control system allows for easy customization and integration into automated building control systems. Multiple units can also be coordinated to operate together based on heating needs or load reduction strategies.

Its versatility allows it to be used in applications such as primary space heating, supplement to heat pumps or boiler systems, pre-heating of fresh air, and domestic water heating.

RADIANCE

COMFORT PLUS Forced Air

SERENITY

COMFORT PLUS Hydronic

THERMELECT