

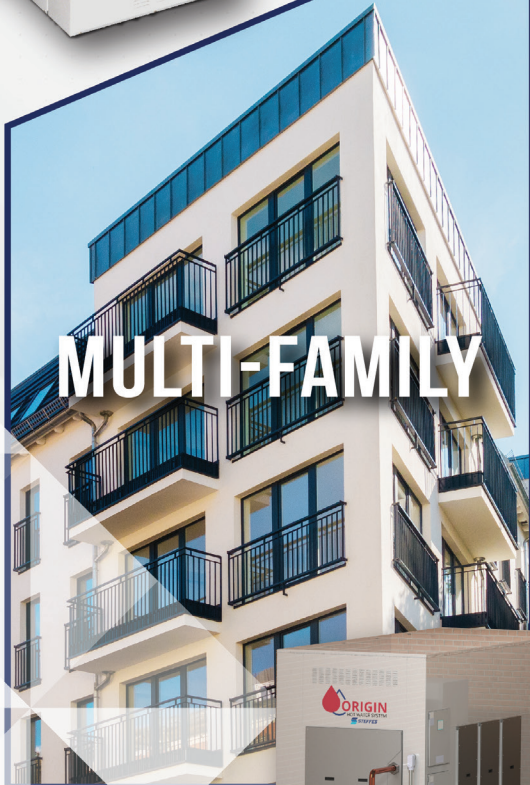


ELECTRIC THERMAL STORAGE

COMMERCIAL



MULTI-FAMILY



RESIDENTIAL



WWW.STEFFES.COM

STEFFES ETS

ESTABLISHED IN 1987

Steffes develops and manufactures innovative energy technologies, providing economic and decarbonization solutions for homeowners and businesses across North America.

Over the past 35 years, Steffes has become a global leader in providing energy storage and load management solutions in the residential and commercial spaces.

Our team has extensive experience in enhancing energy storage capabilities and increasing the efficiency of power generation, transmission and distribution with Electric Thermal Storage (ETS).

ETS TECHNOLOGY

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

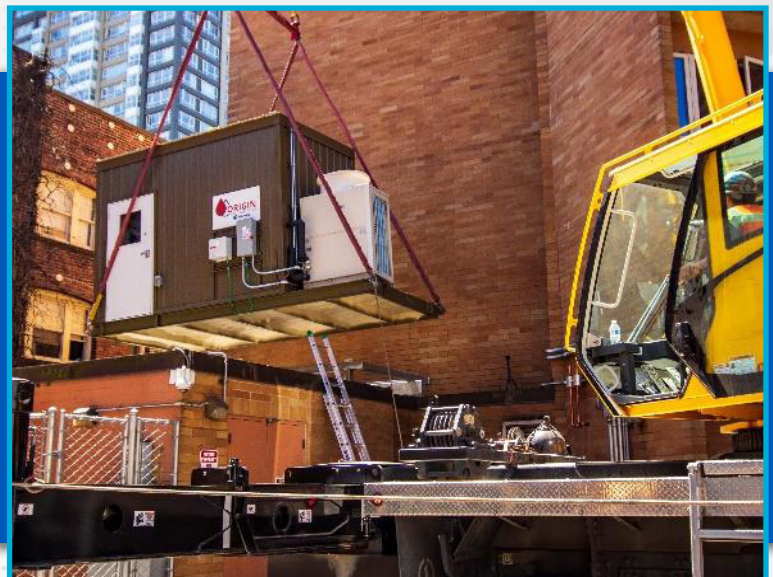
Our ETS systems gain efficiency by taking advantage of off-peak electricity, which is charged at a lower rate since it is consumed during times when demand on the electrical grid is low.

Steffes ETS systems convert off-peak electricity to heat and store it in heating elements contained within high-density ceramic bricks.



SMARTER. CLEANER. GREENER.

One of our latest integrated solutions, Origin™ by Steffes, is the first U.S.-installed all-electric, large volume Central Heat Pump Water Heater system specifically designed to minimize complexity and cost for multi-family building projects.



RESIDENTIAL

ROOM UNITS

Steffes Room Units 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.



FORCED AIR FURNACES

Steffes Forced Air Furnaces are designed to replace existing oil-burning or gas/electric furnace 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.

A sensor monitors outdoor temperature to regulate the amount of heat stored in the bricks, while a thermostat is set to control heat delivery.

SERENITY

The Serenity's compact sizing provides flexibility for installation in various residential configurations.



COMFORT PLUS

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

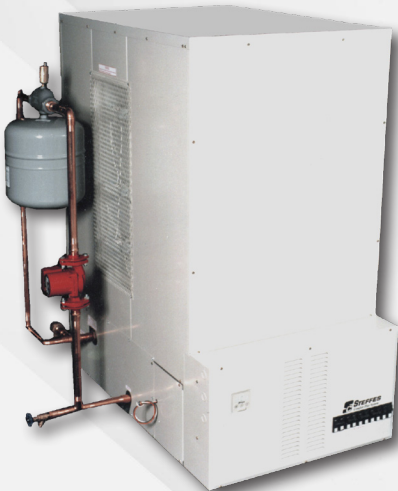


HYDRONIC COMFORT PLUS

Through the use of a heat exchanger, the Comfort Plus Hydronic Furnace transfers stored heat to water, which is then dispersed 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.

The Comfort Plus Hydronic can handle multiple heating zones and can be paired with a heat pump for even greater efficiency.



COMMERCIAL

HYDRONIC 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, and churches are just a few examples of facilities that have successfully reduced their peak demand, better managed their energy consumption, and saved money with off-peak ETS heating systems.

ThermElect is extremely flexible, can handle multiple zones, and its control system allows for easy customization and integration into automated building control systems.

Its versatility allows it to be used in, but not limited to, any of the following applications: primary space heating, supplement to heat pumps or boiler systems, pre-heating of fresh air, and domestic water heating.



MULTI-FAMILY

HEAT PUMP WATER HEATER

ORIGIN™

Origin™ by Steffes is an all-electric, large volume, central heat pump, domestic water heating system, specifically designed for multi-family building projects with decarbonization goals, like apartment buildings and condominiums.

This new ETS technology application uses water, rather than bricks, to store thermal energy.

Built as an integrated, packaged system and designed to plug and play on site, Origin™ takes the complexity and cost out of domestic hot water system design and installation.

