

What is electric thermal storage (ETS)?

Our Electric Thermal Storage (ETS) technology allows the Comfort Plus Forced Air Furnace to convert electricity to heat during off-peak hours, when the demand for and price of electricity is low. Specially-designed ceramic bricks within our units store vast amounts of heat for extended periods of time.

What is an electric forced air furnace?

An electric furnace is a type of heater that uses electric heat coils and a blower fan to evenly distribute heat throughout your home. The components work differently than that of a gas furnace. Use this guide to help you determine what type of furnace you have. An electric forced air furnace works in the same way as a hairdryer.

Does Steffes offer electric thermal storage heating?

Enjoy exceptionally comfortable and reliable warmth in every room, every hour of the day. Whether you're looking to heat a single room, your entire home, or a commercial property, Steffes offers several products that utilize our efficient Electric Thermal Storage heating system.

Is electric thermal storage heating a good option?

If your utility has off-peak electricity rates, and if the difference between them and normal rates are significant, electric thermal storage heating is an option to consider. The running costs and the advantages of electric storage heaters depend largely on these factors.

Do Electric Storage heaters need off-peak electricity?

Electric Storage Heaters... they benefit from night-time off-peak electricity. they are prone to energy loss and can be ineffective in many cases.

What is a Steffes comfort plus ducted air furnace?

The Steffes Comfort Plus Forced Air Furnace (4100 Series) is a ducted heating system designed to stand alone or work in conjunction with a heat pump for increased efficiency. All Steffes Comfort Plus Forced Air Furnaces are equipped with a variable speed blower to ensure consistent, even temperature output to meet your comfort requirements.

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Here is how much electric and gas furnace use to produce 1,000,000 BTU worth of heat: Electric Furnace (100% efficiency): \$38.66 per 1,000,000 BTU. Gas Furnace (80% efficiency): \$13.05 ...

Gas Furnace: A gas furnace converts natural gas or propane into heat for your home. Oil Furnace: An oil

furnace converts heating oil into heat for the home. Heat Exchanger: A heat exchanger is the part of the furnace ...

Electric Thermal Storage is a system that stores electric heat during the night when rates are lower, and releases the heat throughout the day. This doesn't save energy overall, but it can save you money based on the difference in ...

Electric furnaces use resistance heating to create the hot air that warms your home. As such, it can be more efficient and could be less expensive to buy and install than a gas furnace. When choosing an electric ...

High-Efficiency Electric Furnaces. High-efficiency electric furnaces cost \$800 to \$4,500. All electric furnaces are high-efficiency since they convert almost 100% of the electricity into heat. ...

An average oil furnace operates at 160 to 180 degrees Fahrenheit; 24 hours a day, 7 days a week all year long. There is a constant source of heat and burning of oil. An electric furnace sits idle ...

An electric furnace is a means of burning or heating or smelting a solid material using electric power. In general, materials that are burned or smelted in an electric furnace are ...

The Steffes Serenity furnace (4200 series) combines forced air heating with Electric Thermal Storage (ETS) technology to deliver reliable, consistent heat to every corner of your house. It is exceptionally efficient and explicitly designed ...

Electric thermal storage (ETS) heaters draw electricity at off-peak hours, meaning times when our electricity comes mainly from renewables. ... In our study, most people with baseboards chose ...

We're North America's #1 dealer in Electric thermal storage, or ETS units. ETS is an electric home heating device that can help lower your heating costs by storing heat when electricity costs ...

Very high temperatures can be attained in electric furnaces. No pollution with neat and clean hygienic working conditions. Minimum requirement of accessories. It is very convenient to start ...

The Steffes Comfort Plus Hydronic Furnace (5100 Series) adds a new dimension to heating by blending hydronic heating with Electric Thermal Storage (ETS) technology. During off-peak hours, when electricity costs and energy usage ...

Electric thermal storage, or ETS, is an electric home heating device containing ceramic bricks that can help lower your heating costs by storing heat when electricity costs less and then releasing the heat throughout the day. Our Time ...

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