

Sevem Residence Replacement

St. Louis, MO



When the Sevem family moved into their new house, they found out it had been equipped with an existing geothermal system. Realizing their system needed multiple repairs, they began their research for repair and replacement options. After talking with Hoffmann Brothers - Heating & Cooling, Plumbing, and Electric of Saint Louis, MO, this family decided to upgrade their system equipment. Wanting to take advantage of the benefits of geothermal, it was important they had a highly efficient system that was reliable year-round. Along with the tax credits and utility rebates for their geothermal system, they were able to add flexibility to their saving needs. The Sevem family was able to add IAQ products, and more hot water capacity features to use for their jacuzzi tub that they were not able to include before.

UNIQUE FEATURES

This installation included many unique upgrades to help the overall airflow and air quality in the home, as well as humidity control and smart technology. This included WiFi controlled thermostats, a humidity control system, high-efficient humidifiers, a soft-start compressor, and other accessories for a quiet system. The Hoffmann Brothers also included ductwork and loop piping modifications, new flow controls, and test ports for long-lasting reliability.

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PROJECT DETAILS

Building Size:	3,000 sq. ft.
Loop Type:	Open Loop
Geothermal Equipment:	Navigator YT
Installation Features:	
Installation Date:	3/5/2020
Contractor / Installer:	Hoffman Brothers Website Facebook
Estimated Annual Costs:	On average, the Sevem's yearly HVAC and domestic hot water utility bill is around \$1500, which comes out to approximately \$125 per month.

 CONSTRUCTION TYPE
Retrofit

 SYSTEM TYPE
Radiant System

 LOOP TYPE
Open Loop

