

St. Louis Pool Paradise

Creve Coeur, MO



This pool paradise was a unique installation for Hoffmann Bros Heating, Air Conditioning, Plumbing, Electrical of St. Louis, MO. After previously installing three geothermal units in their home, this family knew they wanted geothermal to help heat and cool their pool house, keep their pool at a constant 85 degrees, and lower their added monthly utility costs during the summer. The 18 feet by 28 feet by 4 feet deep, concrete pool has a GeoComfort WT unit installed that fulfills the pool house, accessory pumps, and pool needs. Hoffman Bros were able to connect the pool geothermal unit with their other three geothermal units in the same ground loop field.

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PROJECT DETAILS

Pool Size:	18 ft. x 28 ft. x 4 ft. deep
Loop Type:	Vertical Loop
Geothermal Equipment:	Compass WT Two-Stage, Water-to-water for the pool and pool house
Installation Details:	This pool has a GeoComfort WT heat pump installed that is used for powering the pool's swim jets and fountain pumps, while also powering the ECM pool pump and hydraulic pump for the motorized pool cover that is hidden in an underground vault when not being used. This geothermal unit is also used for the water heater and the pool house. All pool equipment, geothermal units, and other related items are kept in the home's basement. The pool is kept running year-round but does not utilize heat during extremely cold weather.
Contractor / Installer:	Hoffman Brothers Website Facebook
Estimated Annual Costs:	Average electric bills during summer (Home, Pool, and Pool House): \$500 monthly

