

Magic Chef Mansion

St. Louis, Missouri



The Magic Chef Mansion sits on two acres of land, which also houses a gazebo and a large carriage house. The house has more than 30 rooms, plus a 70-foot-long bowling alley on the lower level that is original to the home. It was designed by Ernst Janssen for the founder of the Quick Meal & Magic Chef Stove Company, Charles Stockstrom, in 1908. By the time the current

owners purchased it in 1990, the Magic Chef Mansion had fallen into disrepair. They quickly began renovating and restoring the home back to its original glory. If you would like more information about the Mansion, visit them online: <http://magicchefmansion.com/about/>

Project Details

Building Size:	12,000 sq. ft.
Loop Type:	Vertical bore loop
Installation Date:	August 2015
Installation Details:	The first floor features (1) 4-ton Compass Series Vertical Packaged System, and (1) 6-ton Compass Series Vertical Packaged System. Second and third floors feature (1) 5-ton Compass Series Indoor Split System with MPD060 & zone control for second and third floor west; and (1) 6-ton Compass Series Indoor Split System with MPD072 & zone control for second and third floor east. There are six zones total. The loop field is a 22-ton vertical bore loop field.
Geothermal Contractor:	West County Heating & Cooling , Eureka, MO • (636) 938-9282 www.westcountyheatandcool.com



CONSTRUCTION TYPE
Existing Home



SYSTEM TYPE
Forced Air System



LOOP TYPE
Vertical Loop

Magic Chef Mansion



Left & Right: Interior views



Left: Interior view

Right: Staircase at front entrance.



Left: Installation of the geothermal loops took place in the courtyard at the back of the mansion.

Right: Loop pipe is installed in the vertical wells that were drilled.



Left: Work continues on the loop installation.

Right: The courtyard area following the loop install. Sod will be planted and a small tree that was removed prior to drilling will be returned to the center of the plot.