

## Geothermal for Combined Business and Home

Serenbe, GA



Nestled in the charming town of Serenbe, Georgia, lies the three-level townhome of the Smiths. This beautiful new construction build serves a dual purpose as both their home and the clinic for their hearing aid company, The Hearing Smiths. As you enter the single-family townhome, you'll find yourself in the clinic area, where the Smiths' customers receive quality treatment for their hearing needs. The family

spends most of their spare time on the second floor, which has a cozy living room and a fully equipped kitchen. The third floor is where the primary bedroom and bathroom are located, providing a peaceful retreat for the Smiths after a long day of work. Despite the limited space spanning only 1800 sq ft, the townhome is thoughtfully designed and has everything the Smiths need to live comfortably.



***“Having had geothermal, I don’t see how one could go back to having a traditional unit. This seems the way to go forward.”***

—The Smiths

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## PROJECT DETAILS

<b>Building Size:</b>	18,000 sq. ft.
<b>Loop Type:</b>	Vertical
<b>Geothermal Equipment:</b>	GeoComfort Compact Vertical Packaged System
<b>Installation Date:</b>	September 15, 2021
<b>Installation Features:</b>	<p>This dark gray townhome serves as a walk-in hearing aid business, occupying a modest yet functional space of only 1800 sq ft. Despite being surrounded by other buildings, the Smith townhome stands out for its innovative geothermal system that minimizes the noise associated with traditional HVAC units. This cutting-edge technology not only ensures a peaceful and comfortable environment for customers but also sets a new standard for sustainable and eco-friendly practices in the community. The Smith's geothermal unit is a 2.5-ton compact vertical packaged unit connected to a 3-ton vertical bore loop.</p>
<b>Contractor / Installer:</b>	Geothermal Installer – <b>Swann Mechanical Services</b> Builder – <b>McKinney Builders</b> Architect – <b>Serenbe Design</b>
<b>Savings:</b>	Monthly cash flow is positive, based on the lower (about 50% less) utility bills

