

Cooling Down in Florida Home



Sunny skies and hot summer days don't affect this family's monthly cooling bill. This cold-weather escape is located in West Palm Beach, only blocks away from the beach, and serves as a vacation home. Wanting to keep the home as comfortable as possible in a cooling-dominant climate, the owners focused on creating an efficient environment through a tight seal, proper insulation, and geothermal heat pump technology. These steps properly set their home up for future energy integrations like solar!

INSTALLATION DETAILS

Needing a unit for a cooling-dominant climate, the GeoComfort SideKick Dry Fluid Cooler was installed outdoors in addition to the vertical ground loop. The SideKick removes excess heat from the loop fluid to improve the overall efficiency and help create year-round comfort. This family plans to install an in-ground pool that will also be integrated with their SideKick unit to offer cost-saving water heating for the pool.



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PROJECT DETAILS

Building Size:	1579 sq. ft.
Geothermal Equipment:	SideKick Dry Fluid Cooler (SK040, Unit GBT039)
Installation Date:	November, 2020
Contractor / Installer:	Bratcher Heating and A/C
Savings:	Before geo: Annual Cooling: \$1550 After geo: Annual Cooling: \$800 \$270 hot water savings



CONSTRUCTION TYPE
Retrofit



LOOP TYPE
**Vertical- 2- 300'
Bores with Double 1"
U-bends**



APPLICATION TYPE
**Forced Air System
and Pool Heating**

