

Project: *Higher Ground*

Location: *New Smyrna Beach, FL*

VRV-S

Challenge:

A system that is compact enough to fit nicely into the planned architecture, energy efficient, operates with auxiliary power and is compatible with the home automation system.

The Solution:

Two Daikin VRV-S systems with slim duct fan coils. The supply grilles are routed into the bamboo fascia of the soffits to seamlessly blend into the architecture.

Higher Ground is truly an eco friendly home built in New Smyrna Beach, Florida. Everything is designed with the goal of being Zero Energy. Daikin was chosen for the ability to zone the home, low starting amps to allow the system to run off of the solar panels and wind turbine that will generate 10.5 kW of power. The compact design of the fan coils allow the units to be hidden in the architecture. The entire home is being controlled by a Crestron home automation system and a Daikin Intelligent Touch Controller with web option, making it ideal for the owner to control everything in the residence using two tablet PC's.



Daikin AC Equipment

- 2 (Model # RXYMQ36MVJU) Outdoor Unit
- 5 (Model # FXDQ09MVJU) Indoor Unit
- 1 (Model # FXAQ09MVJU) Indoor Unit
- 2 (Model # FXAQ12MVJU) Indoor Unit
- 1 I-Touch Controller



Project Information

Architect: Kevin Schweizer
Kevin Schweizer Architects

General Contractor: Dan Hughes
Hughes Construction, Inc.

AC Contractor: Clay Davis
Air Specialist