

BLUEPRINT

STETSON BAPTIST CHURCH DELAND, FL

PROJECT INFORMATION

Building Type: Church

Contractor:

Blaine Aldrich
Comfort Service, Inc.
Deland, Florida

Distributor:

Dave Sheffield
Coastline Distribution
Daytona Beach, Florida

Challenge:

How a church experiencing changes in building use, humbled by its old inefficient A/C systems, can find comfort and energy savings through zoning.

The Solution:

Daikin VRV systems with ducted and ductless fan coils serve 12 zones where once there were 3.

Stetson Baptist Church in Deland, Florida was having problems controlling the temperatures throughout the church. Once just used as a sanctuary and classrooms, the church now housed a school and a chapel — all being used at different times during the week. With 3 inefficient split systems — 20 tons for the main sanctuary, and 2 10-ton systems handling the wings of the school — no one was comfortable.

Spaces were being overcooled with a constantly changing load, resulting in a lot of wasted air conditioning and energy consumption.

Daikin contractor Blaine Aldrich with Comfort Service, Inc. recommended 30 tons of Daikin VRV equipment to replace the original 40 tons, and separated the building into 12 zones. Using a combination of ducted and ductless indoor fan coils, he took into account the diversity of use between the different classrooms and sanctuary.

This solution resulted in the church being able to condition only the zones needed at any given time without wasting energy. Now the Stetson Baptist Church's congregation and students can enjoy a comfortable environment, no matter what their activity or time of day. The church also gained over 250 square feet of valuable storage space, as the Daikin systems freed up space in the mechanical rooms.



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DAIKIN EQUIPMENT

- Outdoor Units
 - 1 RXYQ72PATJ
 - 1 RXYQ96PATJ
 - 1 RXYQ168PATJ
- Indoor Unit
 - 1 FXAQ24MVJU
 - 3 FXFQ36MVJU
 - 1 FXMQ18PVJU
 - 1 FXMQ24PVJU
 - 2 FXMQ36PVJU
 - 6 FXZQ18M7VJU
- Navigation Remote Controller
 - 3 BRC1E71

FIND OUT MORE ABOUT DAIKIN VRV.
Contact your local dealer or manufacturer's representative.

Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

Actual savings and costs will vary. Cost and savings statements are applicable solely to the installation indicated. For additional information please contact the installing contractor, distributor or factory representatives.

