

## BLUEPRINT

# REDEEMER LUTHERAN CHURCH WINTER PARK, FLORIDA

### PROJECT INFORMATION

**Building Type:** Church

**Contractor:**  
Anton Martin  
English Air

**Distributor:**  
Dave Sheffield  
Coastline Distribution

**End User:**  
Pastor Stan Reinemund  
Redeemer Lutheran Church

### Challenge:

*A system that maintains a proper humidity level for the leather in the pipe organ and keeps a constant temperature in the upper level of the sanctuary. It also needs to provide conditioning of the choir loft separately from the rest of the congregation, while still maintaining the correct mix of fresh air.*

### The Solution:

*One VRVIII System separates the sanctuary into three levels. It provides conditioning at each level using fan coils. The entire system is controlled through an Intelligent Touch controller which can be expanded upon as existing systems around the property are retrofitted to Daikin equipment. As part of the long range plan of the church, it fits nicely in being able to provide a building automation solution that is expandable.*

Zoning the sanctuary with the Daikin VRVIII system allowed the church to provide a fan coil for the pipe organ in the upper level. In doing so, it maintained a separate temperature for the congregation. This is something the existing system was not capable of. The temperature had to be maintained at a constant 72 degrees to keep the pipe organ from going out of tune. In zoning the organ and the choir loft, it allowed for the conditioning of the building to suit everyone's needs.



# BLUEPRINT REDEEMER LUTHERAN CHURCH WINTER PARK, FLORIDA



## DAIKIN EQUIPMENT

- VRV III
  - 1 RXYQ192PTJU Outdoor Unit
  - 3 FXTQ54PAVJU Indoor Units
  - 2 FXAQ18MVJU Indoor Units
  - 1 FXSQ18MVJU Indoor Unit
  - I-Touch Controller

## 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.



Our continuing commitment to quality products may mean a change in specifications without notice.

© 2015 **DAIKIN NORTH AMERICA LLC** · Houston, TX · USA · [www.daikincomfort.com](http://www.daikincomfort.com) and [www.daikinac.com](http://www.daikinac.com)

BP-REDEEMER 11-15