

Project: *Herlong Mansion Historic Inn and Gardens*

Location: *Micanopy, Florida*

Challenge:
Keeping guests comfortable without breaking the bank and the building

The Solution:
Daikin MXS heat pump systems



Listed on the National Register of Historic Places, the Herlong Mansion Historic Inn and Gardens in Micanopy, Florida (www.herlong.com) has a storied history dating to the early 1800s. The Mansion has gone through many renovations but has been both preserved and improved in the true spirit of its original, impressive architecture. Today, special events at the Herlong are as elegant as the mansion itself, from small garden weddings to corporate meetings.

Aslan Heating and Air in Newberry, Florida was called in to assist as the comfort system was not meeting guest expectations, and the owners needed alternatives. Nine guest rooms were being serviced by single zone 5-ton ducted conventional split systems, with a single thermostat. The owners had been considering systems that would provide individual control for each guest room. Using conventional systems, this was increasing costs by nearly \$1000/per zone, and it was difficult to find places to house the equipment.

Of course, anything Aslan proposed had to meet some important criteria, in addition to improving comfort levels: the solution had to be “non-invasive” - features of the mansion could not be damaged or modified through the installation. The final product had to blend well with the architecture, and operations of the Mansion must be minimally disrupted during installation.

Aslan proposed using three 2-ton multi-split Daikin MXS heat pump systems, a simpler and more cost-effective multi-zone solution that fit the mansion perfectly. These replaced the two ailing 5-ton single split systems for a 40% reduction in tonnage that would take full advantage of building diversity and translate into good energy savings.

Eight guest rooms utilized wall mount indoor units with simple gravity drains; one guest room used a ducted fan coil to take advantage of existing ductwork. By zoning the rooms with the multi-split systems, every guest is able to control their own



temperature setting using the standard Daikin remote controls, adding to their comfort and enhancing their experience at the Mansion.

Aslan took extra care to help the MXS outdoor units blend into the historic building exterior by painting two of the units to blend in with the brick of the building. The third was placed above the carport area, hidden from view by ivy on the trellis.

Say owners Carolyn and Stephen West, “Our new Daikin systems allow guests to personalize the comfort level of each room. The whisper quietness, the ease of use and the efficiency of this system so impressed us. We are very pleased with the Daikin systems and with our contractor, Anthony Aslan.”

When it comes to solving difficult comfort challenges, especially when mechanical space is limited and individualized comfort is paramount, the flexibility in system configurations offered by Daikin is a problem solver of historic significance - even for a mansion.

