



Project Highlights

Healthcare Facility

Name

Robert C. Hudson Memorial
Office Building

Location

Gainesville, FL

Owner

AvMed Health Plans

Building Size

60,000 ft², two stories

HVAC System Type

Daikin McQuay Pathfinder™
280-ton air cooled chiller,
premium efficiency with VFD

Date Building Built

1998

AvMed Healthcare Office Prescription: Daikin McQuay Pathfinder™ Chiller for 31% Annual Energy Savings and a \$24,000 Utility Rebate

Issues

The original air cooled chiller installed in 1998 had become unreliable, negatively affecting the comfort of building occupants, including AvMed on-call nurses working in a 24/7 support center.

Solution

A premium efficiency Daikin McQuay Pathfinder Chiller with optimized part load efficiency and proven reliability replaced the original chiller.

Outcomes

The new Pathfinder chiller reduced electrical usage costs 31% compared to the old chiller, earning a \$24,478 rebate from the local utility. Building occupants now comment favorably to facility management about the more consistent comfort and quieter operation of the new chiller.

Energy Savings



Annual Energy Use Before
Chiller Replacement 1.250 kW/ton

Annual Energy Use After
Replacement 1.091 kW/ton

Annual Energy Savings \$39,000

Utility Rebate Received \$24,478



The 280-ton Pathfinder chiller with variable frequency drive provided improved efficiency and reliability.