

Daikin® AC VRV System Project Profile



Integrated Medical Services Requirements:

- "...an HVAC system that can allow a complete building renovation in a manner that allows patients with Sleeping Disorders to be housed comfortably and quietly while undergoing exhaustive monitoring by doctors and nursing staff."



Integrated Medical Services – Chesapeake, VA

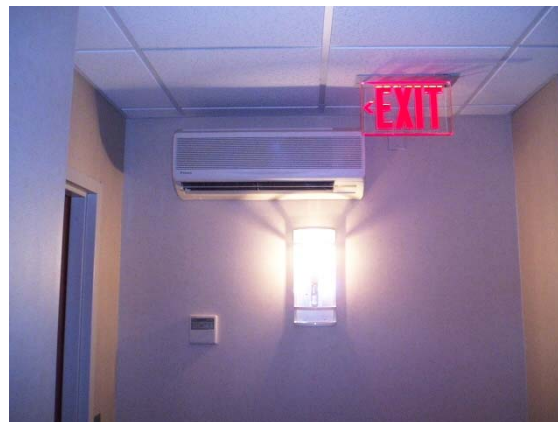
- Uses a Daikin **VRV**® system for heating and cooling all patient wings
- Provides 16-Tons of total cooling served by 2 Outdoor Units (ODU)
- Energy-efficient, quiet 8-Ton Outdoor Units (ODU) serving all 21 patient rooms and nursing offices using multiple ½; 1 & 2-Ton Indoor Units (IDU)
- Outdoor Unit (ODU) utilizes VSD operation to maximize energy and adjust for changing building (occupancy) loads and temperatures.



TYPICAL PATIENT WAITING ROOM WITH DAIKIN AC



EASY TO USE WALL UNIT
& TEMPERATURE SENSOR



TYPICAL PATIENT ROOM WITH *DAIKIN*[®] AC

System Overview:

- Extremely quiet, Ducted FXSQ; Wall Hung FXAQ and Ceiling Cassette FXFQ Indoor Units (IDU).
- Contractor used factory supplied REFNET refrigerant branch piping connections to provide for the rapid installation of piping.
- Each room has an easy to operate remote wall mounted Controller for each Indoor Unit (IDU).