


**MITSUBISHI ELECTRIC**

# CITY MULTI

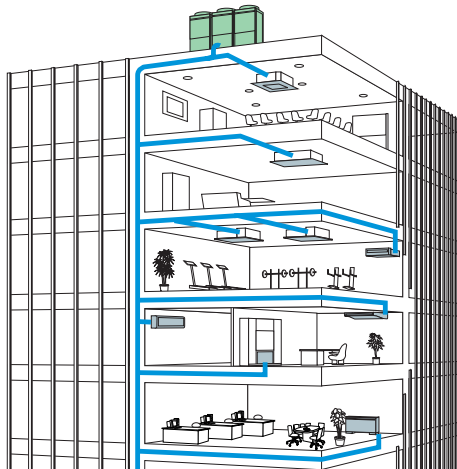
## Extendicare Sudbury Ontario.



Ceiling Cassette units were installed on each of the 5 floors of the hospital, all linked to the City Multi VRF (variable refrigerant flow) outdoor unit installed on the building roof.



Extendicare in Sudbury is one of the latest installation sites of City Multi. Gradual expansion is made possible with the unique City Multi VRF system..



The City Multi unit made the installation easy, only two small diameter pipes are needed to connect the indoor and outdoor units.

The outdoor units were selected with future addition in mind.

Refrigerant shut off valves were installed on each floor for future addition of City Multi DX type evaporator indoor units.

One of the benefits of the City Multi VRF unit is the capability to install indoor units ranging from 30% to 130% of the outdoor unit capacity. The inverter driven compressor simply adjusts its speed and pumping volume to adapt to the connected indoor unit capacity. Diversity has to be considered when selecting indoor units at more than 100%. When utilizing this capability smaller outdoor units can be used as more refrigerant is directed to indoor units with higher loads and less to indoor units having to cope with lighter loads. Linear electronic expansion valves in each indoor units makes this possible.