



Sunrise
Assisted Living
CGC Group
Hybrid Heat
Pump System





The Project

One of the major concerns in the Sunrise Assisted Living project was to ensure heating was available in the event of a loss of power. A back up generator was brought in to supply power; however the reliability of the HVAC system was paramount.

The Solution

The CGC Hybrid Heat Pump met and exceeded the requirements of the project, providing a simple, reliable and innovative system. The unit functions as a heat recovery air conditioner utilizing a two pipe heat recovery loop with an auxiliary boiler and cooling tower. Energy costs are reduced by 35-40% annually, with no increase in installation costs. The compressor operates during cooling only, this puts less stress on the system and adds to its reliability as well as efficiency. The project also featured hinged access doors with magnetic strips to allow easy filter service and plug connected chassis for a quick, 15 minute service change. This minimizes downtime, a feature that is very important to the occupant's health and well being.

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