

Clover Corporation *Wholesale Distributor, HVAC Equipment*

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SALISBURY FIREHOUSE

Municipal facilities, such as this new firehouse located in Salisbury, CT are designed to incorporate the utmost in energy conservation and design and this one is “top of the line”, with a state of the art GAS HEAT PUMP and INFRA RED HEAT.



No doubt you have heard about a gas - electric rooftop system, but have you ever heard of **GAS-GAS ROOFTOP SYSTEM?** *Well here it is!*

The **1st** but not the last, because it is highly efficient, incorporates renewable energy winter and summer from the exhaust air and reduces electric energy use while operating on propane (or natural) gas.

A Robur GAS HEAT PUMP providing both hot and chilled water will heat and cool the facility most economically. They operate on single-phase power consuming a minimum of electric power.

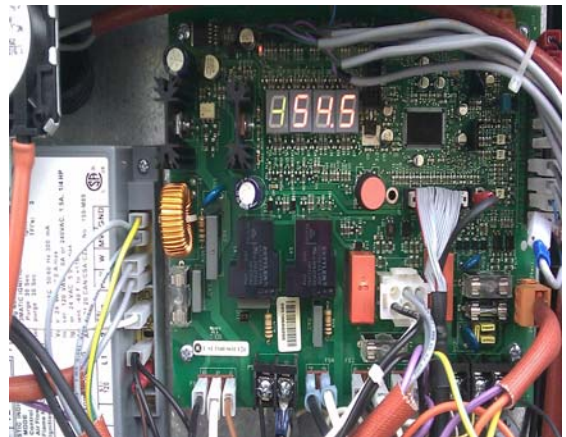


The truck bays with many overhead doors are a high source of fuel consumption. With highly efficient infra red heat, objects and people are comfortably heated at lower temperatures saving a great deal on fuel consumption and energy costs.

The **Omega II** units installed at the Salisbury Firehouse are designed to position the most heat at the coldest area. In the photo (left) note the burners located at each of the overhead doors.



The Robur gas heat pump above is piped to an air handler that is connected to an energy recovery ventilation unit (ERV). Return air from the space is used to warm and cool the ventilation air, thus reducing energy costs to heat and cool the incoming outside air.



The Robur unit is operated by a microprocessor control. The diagnostic control registers supply and return water temperatures and allows for ease of service and faster trouble shooting if necessary.

For additional information on the Salisbury Firehouse or other firehouses that have recently converted to energy efficient gas heating and cooling equipment, please give us a call at 860-528-0081.