

Integrated Cooling & Heating Module (ICHM) vs. Site Constructed Thermal System

The following are some of the advantages the ICHM offers over site constructed thermal systems:

Cost: The ICHM is approximately 30% less expensive on an installed basis than comparable site constructed systems with more predictable project costs.

Reliability: The factory designed and fabricated modular ICHM with standardized components is considerable more reliable than a unique designed multi-vendor, site constructed system.

Size: The ICHM requires approximately 50% of the floor space required for a site constructed system.

Service: The ICHM including cooling tower, accessories and controller is serviced nationwide by York International. York's commitment to the industry assures long term availability of service.

Load Factor: The ICHM offers true simultaneous heating and cooling throughout the entire load range for maximum load factor.

Operation: The ICHM controller provides full thermal system operating parameter access locally as well as remotely through a single 2-wire open protocol connection or a telephone line. Local indicator lights and thermal system diagnostics help reduce operator requirements and down time.

Design: The ICHM employs a York International single effect absorber operating at low solution concentrations which is optimized for the lower hot water temperatures associated with IC Engine CHP applications. The ICHM controller manages all the thermal equipment, provides complete system data acquisition and smooth operation. All ICHM components are provided by national equipment suppliers with easy access to parts for reduced service costs and down time.

Outdoor Enclosure: The ICHM is provided with a base frame, structural skeleton and outdoor enclosure with service access.

