

**CUSTOM AIR-COOLED CHILLER PACKAGE
PRODUCT RANGE (90 TO 1500 TONS)**

PRODUCT DESCRIPTION

The Custom Air-Cooled Chiller Package was developed for the new construction and retrofit market where space considerations and compressed project schedules are a major consideration. The Package consists of skid mounted “modular” single or multiple Trane RTAC chillers (90 thru 500 Tons) that are pre-piped, insulated, and instrumented.

A separate totally enclosed (double wall construction with a structural steel base) mechanical room module is also provided. The mechanical room module consists of a Trane Chiller Plant Control System, dedicated 100% capacity chilled water primary pump with spare pump, pump starters , pre-piped and insulated chilled water piping, pipe markers, piping specialties, air separator, expansion tank, ventilation system, interior/exterior lighting, convenience outlets, fire/smoke detectors with alarm, fire extinguisher and all required instrumentation. Full maintenance access is provided by incorporating access doors and overhead chain falls where required for pump and pump motor removal.

The Custom Air- Cooled Chiller Package is designed, manufactured, completely assembled, and tested at our manufacturing facility in Houston, TX. Field assembly/installation consists of setting the modules on a customer supplied equipment slab, connecting the modules pre-fabricated chilled water piping, connecting the field supplied chilled water piping and drain piping, external electrical supply, control wiring and drain piping.



**Trane Model RTAC Air-Cooled Chiller
BEFORE**



**Custom Air-Cooled Chiller Package
AFTER**

**AVAILABLE EQUIPMENT OPTIONS
and MODIFICATIONS**

- Custom Condenser Coil Coatings for Condenser Coils for Corrosive Environments
- Wall-mounted A/C Unit (Cooling and Heating)
- Automatic Flow Control Valves
- Chilled Water Flow Meter and Bypass Piping
- Variable Frequency Drives

TARGET MARKETS and APPLICATIONS

Target Markets

- Schools
- Hospitals/Healthcare
- Office Buildings
- Colleges/Universities
- Retail
- Churches
- Data Centers

Applications

- New Construction
- Retrofit Applications
- Rooftop Installations