

**OUTDOOR AIR COOLED CHILLERS - OAC SERIES**

Range – dual 40 hp up to dual 50 hp compressors, four 30 hp up to four 40 hp compressors all using 410A. The standard chiller design is to a maximum summer ambient temperature of 105° F down to a low winter ambient of -25° F.

**Outdoor Air
Cooled Chillers
Model OAC**

- Standard 410A chillers with a maximum ambient air temperature of 105° F and a maximum low ambient temperature of -25° F.
- UL 1995 approved.
- 6 models to choose from.
- 80, 90, 100, 120, 140 and 160 ton chillers
- 80 to 100 are dual compressors with dual refrigeration circuits.
- 100 to 160 are four compressors available as dual circuits with tandem scroll compressors each circuit or two (2) dual circuit evaporators with four independent refrigeration circuits.
- Dual circuit high efficiency brazed plate evaporators insulated with ¾" closed cell flexible thermal insulation.
- Condensers are copper tube with aluminum fins and oversized to increase efficiency of the chiller by lowering condensing temperature.

**Features and Benefits**

EASILY INSTALLED: Each chiller is shipped complete with panels and water headers. Once the chiller is lifted into position, all that needs to be done is connect the main headers to the building piping and connect the main power to the chiller. Simplifying the installation reduces installation time and cost.

EASY TO OPERATE: Our large LCD displays in each chiller allows the operator to read operating and fault conditions in English and with our larger display on the System Remote Master it is even easier to see the status of each chiller in the group. Both displays have key pads for entering or retrieving data and monitoring the many display screens.

BAS COMMUNICATIONS: Available for both a stand-alone chiller or for a group of chillers through the System Remote Master. Choices available are BACnet IP, BACnet MS/TP, Modbus and LonWorks.

If communications is not an option you can remote start the chiller or system, receive an alarm output and change the set point with a 4 to 20 ma signal.

OUTSTANDING RELIABILITY: Our advanced chiller design incorporates dual High Efficiency SCROLL compressors with dual refrigeration circuits, oversized dual circuit stainless steel copper brazed plate evaporator and condenser, all necessary refrigeration components and safety controls. Combined with our exclusive INTELLIGENT CHILLER control system insures year-round reliable chiller operation for many years.

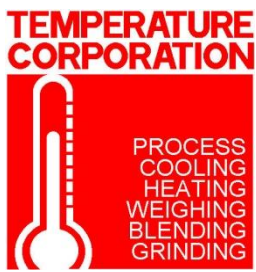
UNSURPASSED OPERATING EFFICIENCIES: With high efficiency 410A SCROLL compressors, oversized evaporator and condenser we achieve some of the lowest kw/ton and highest EER's in the industry to-day. Low Freon volume with our copper tube aluminum fin condensers.

EXTRAORDINARY SAFETY PROTECTION: With our exclusive "INTELLIGENT CHILLER" control system that senses all of the following points to prevent nuisance trips while protecting your chiller: Compressor operating temperatures and pressures, chilled water temperatures, chilled water flow, condenser water temperatures, phase reversal, under/over voltage, compressor internal protection, rotates compressors on a first in – first out basis to equalize both run times and compressor starts.

We have designed the best ongoing preventative maintenance program possible for your chiller.

WITH OVER 40 YEARS EXPERIENCE DESIGNING AND BUILDING CHILLERS AND CHILLING SYSTEMS, WE CAN ASSIST YOU THROUGH THE DESIGN, INSTALLATION AND START-UP OF YOUR SYSTEM.

CONTACT INFORMATION



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