



OUTDOOR AIR COOLED CHILLERS

FOR USE WITH AIR COOLED CONDENSERS

OUTDOOR AIR COOLED CHILLERS - VX SERIES

Range – dual 5 hp up to dual 40 hp compressors 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 VX

- Standard 410A chillers with a maximum ambient air temperature of 105° F and a maximum low ambient temperature of -25° F.
- AHRI certified and UL 1995 approved.
- 9 models to choose from.
- 10, 15, 20, 25, 30, 35, 60, 70 and 80 ton.
- Chillers have dual high efficiency 3500 rpm scroll compressors.
- Chillers are dual refrigeration circuit.
- Dual circuit high efficiency brazed plate evaporators are insulated with ¾" closed cell flexible thermal insulation.
- Evaporators are oversized to increase chiller efficiency.
- Condensers are all aluminum "Micro Channel" oversized to increase efficiency of the chiller by lowering condensing temperature.



Features and Benefits

SMALL COMPACT SIZE: Allows for easy installation in places where space is severely limited, i.e., mechanical rooms, narrow doors, halls and small elevators.

EASILY INSTALLED: Each chiller is shipped complete with panels and water headers. Once the chiller is in position, all that needs to be done is connect the main headers to each other 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.

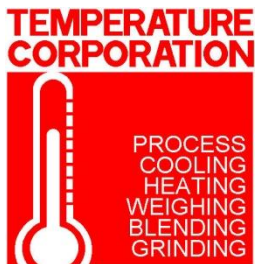
UNSURPASSED OPERATING EFFICIENCIES: With high efficiency 410A SCROLL compressors, oversized evaporator and condenser we achieve some of the lowest kw/ton and highest EER's in the industry to-day. Low Freon volume all aluminum "Micro Channel" condensers.

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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