

**WATER COOLED SCREW CHILLERS - WX-SSY SERIES**

Range – single 60 hp up to 125 hp Rotary Screw compressor HIGH EFFICIENCY chillers using 134a for standard chillers and designed to operate up to a maximum of 95° F entering condenser water.

**Water Cooled
Screw Chillers
Model WX-SSY**

- Single Rotary Screw 134a compressor chillers complete with electronic expansion valve.
- Standard operating range from 10° F (-12° C) to 60° F (15.5° C) with a maximum of 95° F entering condenser water temperature.
- UL 1995 approved.
- 6 models to choose from WX060SSY, 70, 80, 90, 110, 125.
- Single refrigeration circuit.
- Single circuit high efficiency brazed plate evaporators insulated with ¾" closed cell flexible thermal insulation and high efficiency brazed plate condensers.
- Evaporator and condensers are oversized to increase efficiency of the chiller.
- Options include motorized valves for stepped flow and head pressure control, sound blankets and factory start-up and field training.

**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.

EASILY REMOVED: It takes only one hour to remove a chiller for service without interruption to the rest of the system and is re-installed just as easily. Having the option to remove and replace the chiller for service when you want not when the cooling season is over.

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 a single High Efficiency Rotary Screw compressor with single refrigeration circuit, oversized dual circuit stainless steel copper brazed plate evaporator and condenser, electronic expansion valve and all necessary refrigeration components and safety controls. Combined with our exclusive INTELLIGENT CHILLER control system insures year-round reliable chiller operation for many years.

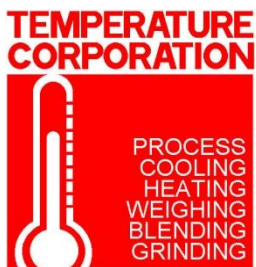
UNSURPASSED OPERATING EFFICIENCIES: With high efficiency 123a SCREW compressors, oversized evaporator and condenser we achieve some of the lowest kw/ton and highest EER's in the industry to-day.

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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