

TruClimate 700

Modular Screw Chiller

Large Commercial | 90-140 Ton



Water-Furnace
Commercial Solutions

BUILT FOR THE BIG STUFF

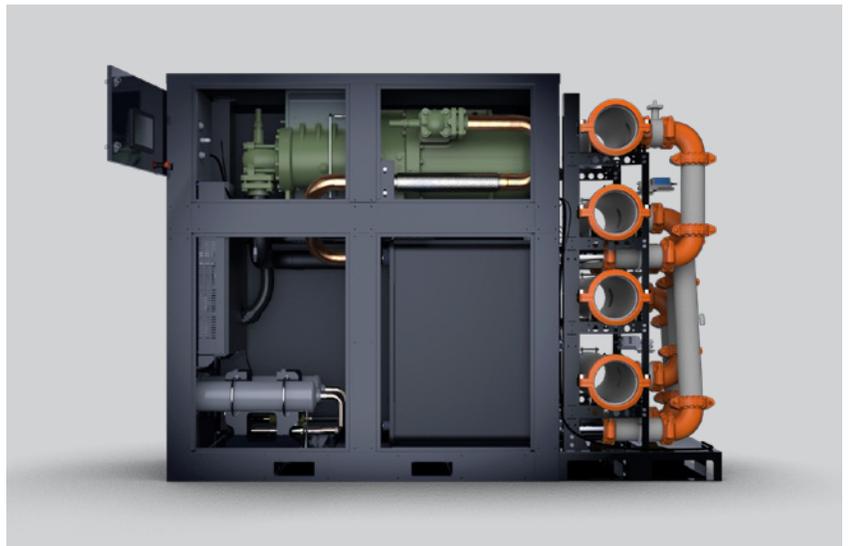
Big spaces have big needs. WaterFurnace's new TruClimate 700 Modular Screw Chiller offers a DC inverted variable speed, single-screw solution that is ideal for large tonnage commercial and industrial applications with varying load requirements. And each module can be individually isolated from other modules in the building for servicing without interrupting operation to other modules in the bank.

HEATING AND COOLING *YOUR WAY*

FLEXIBILITY

The TruClimate 700 Modular Screw Chiller's high efficiency screw compressor features DC inverted variable speed control. This allows the system to ramp itself up and down as needed to achieve maximum performance—and maximum comfort.

- Capable of producing 40 degree Fahrenheit water while simultaneously producing 145 degree Fahrenheit water.
- Low load in a central chiller plant for a building with changing load profiles.
- Capable of turning down to 25% capacity for even better efficiency and maximum comfort.
- Can be the single plant solution for heating or cooling applications while offering simultaneous heating and cooling for efficient heat recovery.
- The advanced controls enable the end-user to bank and control up to ten 140 ton chillers.



A SYSTEM YOU CAN COUNT ON

RELIABILITY

By meeting high lift requirements even when the speed is reduced, the TruClimate 700 Modular Screw Chiller provides exceptional energy savings through the full range of unloading. Its heat recovery capabilities assist in meeting this load demand.

- When operating the chiller at a 44°F-145°F operating window, there's a COP of 6-7 to deliver payback on buildings with simultaneous heating and cooling loads.
- Exceptional performance in applications with high hot water and variable ambient relief and lift demands.
- Oil level monitoring and envelope control for peace of mind.

MIGHTY IN TIGHT SPACES

MODULARITY

Designed utilizing proven field-tested technology, the TruClimate 700 Modular Screw Chiller is the largest modular screw compressor chiller on the market that fits through a standard 36" doorway. This modularity simplifies installation and serviceability—and leaves a smaller carbon footprint.

- Utilizes a low global warming potential refrigerant, is AHRI 550 certified and complies with UL 60335-2-40 safety standards.
- The chiller comes fully assembled and factory charged.
- Perfect for commercial office buildings, medical facilities, schools with gyms and pools, campuses with dining halls and housing, industrial process, indoor agriculture and more.

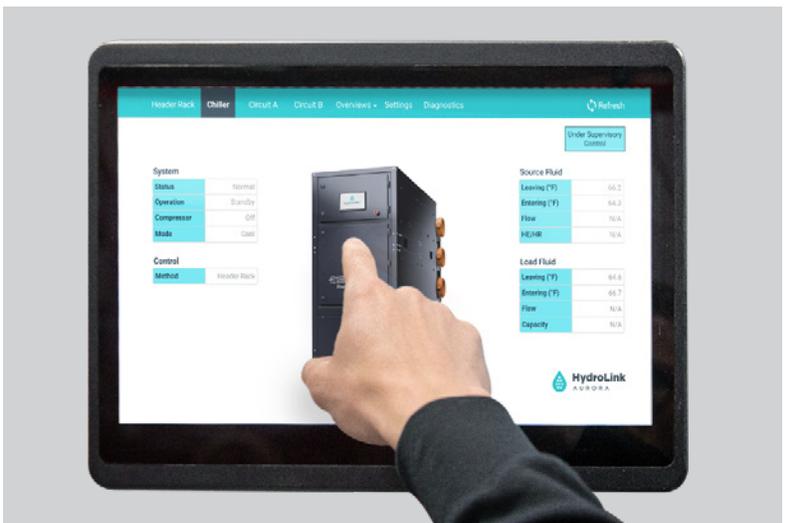
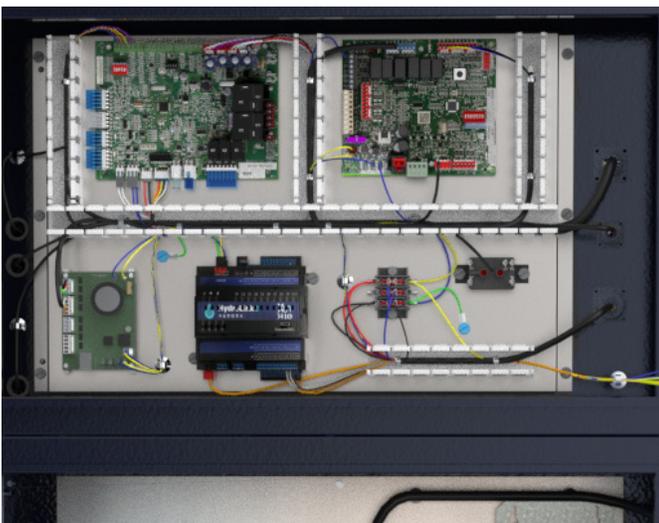


ACCESSIBLE FOR SUCCESS

SERVICEABILITY

Like the rest of our chiller line, the TruClimate 700 Modular Screw Chiller has advanced performance monitoring to make it easy to service and easy to access. It comes standard with the field-proven HydroLink2 Aurora controls platform that offers set-point control, trending and diagnostics.

- Advanced energy, performance and refrigeration monitoring.
- Easy-to-use 10" touch-screen interface allows for convenient external troubleshooting and setup.
- HydroLink2 Supervisory Controller for single point BAS integration featuring the Niagara N4 controls framework.





ASK US HOW YOU CAN SAVE UP TO 50% ON YOUR NEXT COMMERCIAL PROJECT

With the Inflation Reduction Act, projects completed with a geothermal loop and heat pumps may qualify for:

- 30% bonus rate
- 10% bonus rate for domestic content
- 10% Energy Community bonus
- Up to \$5 per square foot tax deduction
- 5-year accelerate depreciation and a 1-year bonus depreciation



SCAN TO
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