

rite-temp

water chillers®



4 SYSTEMS TO MEET EVERY NEED

PORTABLE



HORIZONTAL



VERTICAL



REMOTE

Rite-Temp Manufacturing pioneered the development of refrigerated industrial water chillers in 1948. Since the first Rite-Temp units were introduced, quality engineering and manufacturing has been a key element in each Rite-Temp water chiller ®.

Over the years, our water chillers have been subjected to the most critical on-the-job performance evaluations. The result has been proven reliability and a reputation for a solid quality machine. Rite Temp manufactures water chillers for a wide range of industrial and commercial applications.

Flexibility of design and product adaptability set us apart in the industry. Each unit is individually constructed to meet your exact specifications. Our Portable and Horizontal units are available in 2 – 12 ton capacities and the Vertical unit we offer is available in 2 - 24 ton capacities. Our Remote units are available in 2 – 36 ton capacities.



Coil-In-Tank Design:

Exclusive stainless steel coil-in-tank design can be found in every Rite-Temp Chiller. This patented design eliminates freeze-up problems such as coil rupture often associated with tube-in-tube heat exchangers. Head pressure on the Rite-Temp refrigeration system is not affected by "pressure shock" due to the high temperature return water. The tough, 40 gallon, 16 gauge, 304 stainless steel construction ensures years of efficient quality operation.

Refrigeration System:

The finest in performance, capacity, and design. Our system is manufactured completely in our plant using the industry respected Copeland compressor. All condenser coils are formed and assembled in-house for better quality assurance and design flexibility. The control panel has been engineered for simplicity using only the finest U.L. Approved components. All 8 ton larger units are equipped with multi compressor systems that will operate independently as the load requires, resulting in energy savings. Alternative refrigerants are available.

Cabinet Construction:

Each unit is constructed on a rugged, heavy duty steel base frame. The cabinet and access panels are manufactured from 18 and 20 gauge sturdy Phos Coat galvanized steel and are finished with a tough chemical and weather resistant polyester powder coat ensuring years of dependable corrosion protection. We will custom finish to your color specifications on request.



Water Circuit:

The water circuit in the Rite-Temp chiller features a heavy-duty, high head, water pump with a precision molded impeller providing the highest performance and efficiency. Larger pump ratings as well as special application pumps, such as stainless steel, brass or bronze are available.

Electrical System:

Wired 208/230 or 460 volts, 3 phase as standard. Any electrical system can be engineered on request, including 50 Hz systems and 208/230 volt single phase. The control panel can be wired for a 24 or 110 volt system, with only the highest standard U.L. Approved electrical components. As an optional feature, NEMA and JIC design panel enclosures are available. All units 2 – 36 ton capacities are ETL certified.

The Company:

Our unique Closed, Tube-In-Tank design improves operating costs, eliminates downtime due to contaminates and puts an end to the problems with low or uncertain water pressure, evaporation and overflow.

Each Rite-Temp chiller must undergo a series of tests and pass our rigid quality assurance standards before leaving our plant. A solid, one year warranty on parts and components, with five years on the compressor. Straight forward and simple! We stand behind our products with years of experience and a technical staff always ready to assist you – our reputation depends on it.



Distributed by:



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rite-temp

air cooled condensers

Low sound levels and high energy efficiency and the ability to eliminate water usage in most cases are essential to the successful operation of facilities. Advanced features, serviceability, resulting in lower maintenance costs. Rite-Temp air cooled condensers bring innovative advancements that provide you with the best product solutions to meet the demanding needs of applications. Benefits are a very easy connection using the optional 25 or 50 foot pre-charged line sets. The air cooled unit features a pressure switch and standard low ambient control to keep the refrigeration pressures in the proper range regardless of climate or temperature during the complete cycle.

Performance Features

- Baldor 1/2hp condenser fan motor and 1075 RPM's
- Condenser coil copper tube with aluminum plate finned coils
- Low ambient control standard no additional charge

Reliability Features

- Galvanized weather resistant cabinet
- Corrosion-proof fan guards

Maintenance Features

- Quick removal access panels
- Permanently lubricated fan and motor bearings

Installation Features

- Refrigerant connections
- Easy changeover single voltage design for 208/230-v or 460-v operation
- Single point electrical connection

Standard Warranty

- One-year product

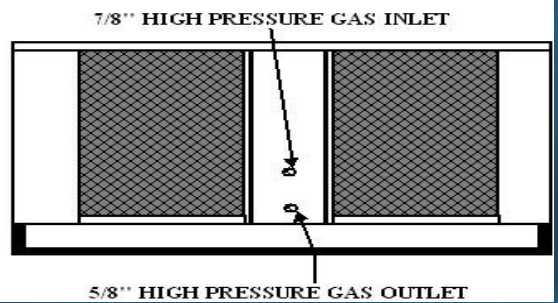
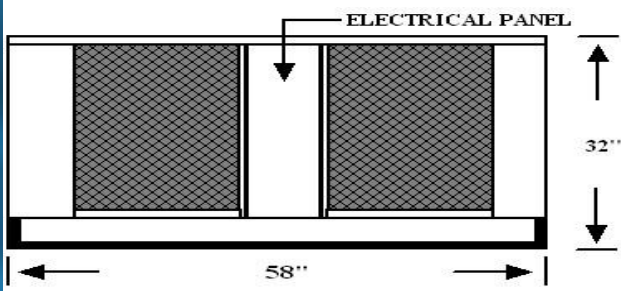
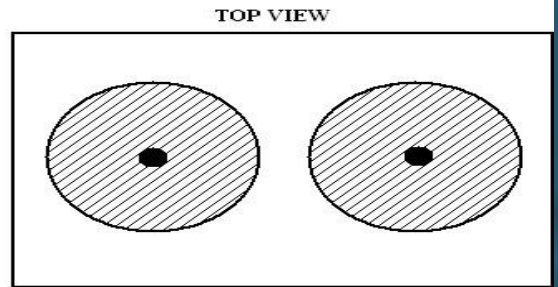
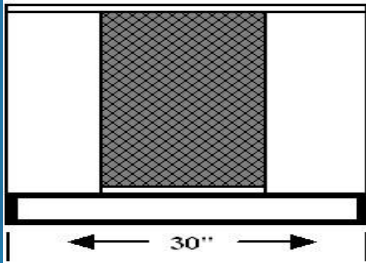
Note (Optional Line Sets)

- The lines should be connected with a small amount of oil on the threads.. Only use crescent wrenches so that the nuts cannot be warped. The 5/8 tubing (smaller) goes to the connection on the machine marked (5/8") and the larger tubing connects to the 7/8" marked fitting. The unit requires a 220 volt single phase 15 amp power connection and DOES not have to be connected to the machine.



**RITE-TEMP MFG.
GALVANIZED CONDENSER
TOP DISCHARGE**

**RTC 8 - 10 TON
CONDENSER**



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