

**SERIES R (WEATHER PROOF) WATER COOLED CHILLER  
PRODUCT RANGE (70 - 450 TONS)**

**PRODUCT DESCRIPTION**

The Trane Model RTWD and RTHD Water Chillers were developed for use on a wide variety of commercial and industrial applications. The RTWD is available in sizes ranging from 70 to 125 Tons. The RTHD is available from 130 to 450 Tons.

The chillers utilize an industrial grade Helical Rotary Screw Compressor that provides capacity control from 100% down to 10% without the use of hot gas by-pass. The Industrial Grade Design is ideal for the commercial and industrial markets, in applications such as office building, schools, hospitals, retail buildings, and industrial facilities.

The linear unloading compressor, wide operating temperature range, advanced controls, electronic expansion valve, anti-shortcycle timers, and industry leading efficiencies mean that the latest Series R Chiller is the perfect choice for tight temperature control (+- .5 degrees F) applications under widely varying loads. The “Weatherproof” RTWD and RTHD chiller was developed by Hunton Trane Services for the new construction and retrofit market where space considerations and compressed project schedules are a major consideration.

The “Weatherproof” design allows the chiller to be installed outdoors and includes Nema 4X Control enclosures, weather-tight conduit, and custom weather resistant coatings that allow operation in any outdoor environment. Installation consists of setting the chiller on a customer supplied equipment slab, connecting chilled/condenser/drain water piping and utilities.



**Trane Model RTDH Water-Cooled Chiller  
BEFORE**



**Trane Model RTDH Water-Cooled Chiller  
AFTER**

**AVAILABLE EQUIPMENT OPTIONS  
and MODIFICATIONS**

- Custom Equipment Coatings for outdoor weather-proof or corrosive environments
- Insulation with Aluminum Jacket
- Heat Tracing for Severe Climates
- Weatherproof Nema 3R or Nema 4X Control Panel Options

**TARGET MARKETS and APPLICATIONS**

**Target Markets**

- Schools
- Hospitals/Healthcare
- Office Buildings
- Colleges/Universities
- Retail
- Churches
- Data Centers

**Applications**

- New Construction
- Retrofit Applications
- Confined Spaces