

**TRANE "CENTRAVAC" INDUSTRIAL WATER COOLED CENTRIFUGAL CHILLER
PRODUCT RANGE (170 TO 3950 TONS)**

PRODUCT DESCRIPTION

The Trane Model CVHE/CVHF/CDHF Centrifugal Water Chillers were developed for use on a wide variety of commercial and industrial applications. The Trane "CentraVac" is available in sizes ranging from 170 to 3950 Tons. The chillers utilize an industrial grade low-Speed Centrifugal Compressor that provides capacity control from 100% down to 10% without the use of hot gas by-pass.

The Industrial Grade Chiller Design is ideal for the commercial and industrial markets, in applications such as Refineries, Petrochemical, and many other Industrial Facilities. The linear unloading compressor, wide operating temperature range, advanced controls, industry leading efficiencies mean that the latest Trane "Centravac" Chiller is the perfect choice for tight temperature control (+/- .5 degrees F) applications under widely varying loads.

The "Centravac" Industrial Centrifugal Chiller was developed by Huntton Trane Services for the new construction and retrofit market where space considerations and compressed project schedules are a major consideration. An available explosion proof option allows operation in classified areas. The 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 CVHF W/C Centrifugal Chiller
BEFORE**



**Trane Model CVHF W/C Centrifugal Chiller
AFTER**

**AVAILABLE EQUIPMENT OPTIONS
and MODIFICATIONS**

- Custom Equipment Coatings for Corrosive Environments
- Explosion Proof Construction for operation in Classified Areas
- Insulation with Aluminum Jacket
- Heat Tracing for Severe Climates

TARGET MARKETS and APPLICATIONS

Target Markets

- Petrochemical Plants
- Manufacturing Facilities
- Pharmaceutical Plants
- Refineries
- Industrial Facilities

Applications

- New Construction
- Retrofit Applications
- Rooftop Installations