

## 400 Ton Rental Air Cooled Chiller Trane RTAC400

### HERMETIC ROTARY REFRIGERATION MACHINES

Hermetic rotary refrigeration machines provide chilled water for either comfort or industrial water cooling systems. These air-cooled chillers for rotary refrigeration are engineered for lower life cycle costs and reliability through design simplicity. Their energy efficiencies exceed ASHRAE 90.1 standards and the Advanced Energy Design Guide for K-12 schools. All rotary refrigeration units have single inlet & outlet evaporator water connections.



### Product Features

- Helirotor™ compressor is direct drive, low speed (3600 rpm). The only moving parts are the rotors and load/unload mechanisms for high reliability and efficiency.
- Two independent rotary refrigerant circuits.
- Tracer™ Chiller Controller and the Adaptive Control™ microprocessor provide all unit control and safety functions in a proactive control strategy.

### Product Specifications

#### Evaporator Data

|                  |           |
|------------------|-----------|
| Design Flow Rate | 914.8 gpm |
| Pressure Drop    | 21.9      |
| Fluid            | Water     |
| Water Volume     | 140 gal.  |

#### Condenser Data

|                     |       |
|---------------------|-------|
| Ambient Temperature | 95° F |
|---------------------|-------|

#### Compressor

|             |     |
|-------------|-----|
| Scroll      | 2   |
| Refrigerant | R22 |

#### Flow Rate

|         |          |
|---------|----------|
| Minimum | 480 gpm  |
| Maximum | 1440 gpm |

#### Electrical

|              |                        |
|--------------|------------------------|
| Requirements | 460 V   3 Phase   60 H |
| Fuse Size    | 1000 amp               |

#### Dimensions

|                     |               |
|---------------------|---------------|
| Width×Length×Height | 96×546×96 in. |
| Weight              | 25,200 lbs.   |

