



RTHD^{evo}

Water-cooled packaged helical-rotary chiller Series R™



Customer benefits

Industry leading efficiencies thanks to:

- Falling film evaporator: superior performances with low refrigerant charge
- New Trane control for optimal system reliability and human interface
- Trane helical-rotary compressor - designed to perform, built to last
- Optional Trane Adaptive Frequency™ Drive (AFD) for part load efficiency enhancement

Main features

- 2 efficiency levels: HE, AFD fitted with Trane AFD and enhanced part load (IPLV) efficiencies
- Low-speed, direct-drive semi-hermetic helical rotary compressor featuring only 3 moving parts, suction-gas-cooled motor
- Fully modulating load control (12-100%)
- Compact physical footprint - fits through standard double-width doors
- Bolt-together construction for easy unit disassembly
- Factory-mounted star-delta starter panel
- Simplified piping - the only piping required is for the evaporator and condenser grooved pipe connections
- Single power connection - reduced wiring costs

Options

- Insulation on evaporator, water boxes, suction line, motor housing
- Fused or non-fused power disconnect switch
- Under/over voltage protection

Accessories

- Outside air temperature sensor
- Condenser valves

Control

- Ultimate control: UC800
 - Easy to read 7-inch color touchscreen display
 - Industry leading algorithms
 - Open protocol design
 - Adaptive control
- Feedforward adaptive control
- Softloading
- Rapid Restart
- SmartCom interface: LonTalk®, BACnet®, Modbus® communication interfaces
- Energy metering