

EQ Series Accuchiller Portable Chillers

AIR-COOLED AND WATER-COOLED

Air-Cooled 1 to 3 tons
Water-Cooled 2 to 3 tons
Remote Condenser 3 tons

Since 1969, Thermal Care has been a leading provider of process cooling solutions for a variety of industrial applications. Every EQ Series Accuchiller Portable Chiller is built using the best available components and latest innovative technology – making us the unmatched choice for all your process cooling needs.



Easy-to-operate, reliable, and compact

EQ Series Portable Chillers will provide years of dependable service using quality components such as scroll compressors and stainless steel brazed plate evaporators. These units feature a compact footprint with an easily accessible interior and a powerful control system that provides precise temperature control and extensive diagnostics.

Easy-to-operate, reliable, and compact

Features

- Stainless steel brazed plate evaporators with flow and temperature safeties to prevent freezing
- Stainless steel pump for harsh industrial conditions
- Nonferrous wetted materials in the process water circuit
- External sight glass, fill connection, and drain connection
- Air-cooled condenser for ambient temperatures up to 115°F
- Internal insulated nonferrous reservoir
- Process fluid strainer protects evaporator from contaminants
- Water regulating valve keeps refrigerant pressure constant (water-cooled units only)
- Removable inlet air filter (air-cooled units only)

Available Options

- Alarm horn with remote alarm contact
- Automatic water make-up and low level light
- Autostart contacts
- Branch fusing
- Phase monitor
- NEMA-4/12 window kit
- Rotary non-fused disconnect
- C-UL 508A industrial control panel

Warranty Protection

- 5-year warranty on the standard controller with a lifetime exchange price of \$175
- 12-month warranty on parts
- 12-month warranty on labor

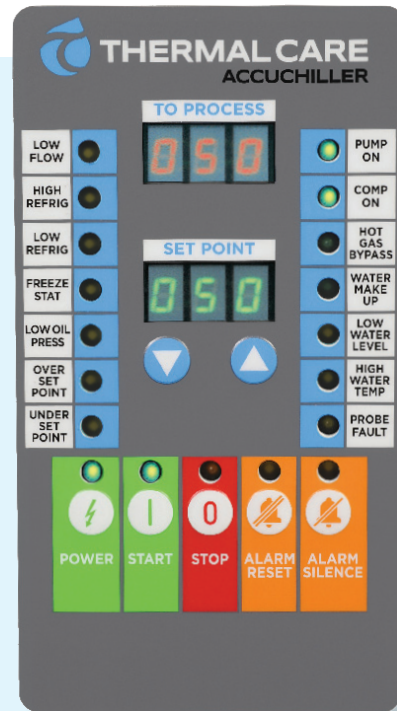


Typical water-cooled unit with easy access to interior components



5680 W. Jarvis Ave. Niles, IL 60714
 847-966-2260 info@thermalcare.com
 www.thermalcare.com

Thermal Care is ISO 9001 Certified
 Manufacturer reserves the right to change specifications or design without notice or obligation.



Easy-to-Operate Controller

Our powerful control system has a large, user-friendly interface, includes 19 operational and diagnostic lights, and comes with a unique 4-plug wiring design that makes it easy to replace the control board in just minutes. The control panel display screen is easy to access, view, and operate without cryptic codes.

Controller Features

- Display of set point and process supply temperatures
- Unit alarms easily reset on control panel
- Password protected operational parameters
- Anti-cycle timer prevents short-cycling of compressor while minimizing unnecessary off periods
- Temperature readouts easily switched from °F to °C
- Loss of flow alarm
- 30 minute deviation delay stops nuisance alarms during start-up and set point changes
- High/low temperature deviation
- Power failure indicator signals brownout
- High temperature indicator

Controller Options

- Remote control panel
- SPI communication
- Audible alarm
- Return fluid temperature readout
- Remote alarm contacts
- Extended set point range (20°F to 80°F instead of standard 20°F to 65°F)