

Accuchiller

NQ Series

PORTABLE & PACKAGED INDUSTRIAL CHILLERS

4 to 40 tons (14 to 141 kW)

The Accuchiller NQ Series offers a versatile line of portable and packaged chillers designed for efficient and reliable temperature control. These durable units feature a compact footprint with an easily accessible interior, making them ideal for diverse applications.

NQ Series chillers are available with air cooled, water cooled, or remote condenser options. Each model is packed with innovative features that optimize performance and reliability. Scroll compressors, microchannel condensers, stainless steel brazed plate evaporators, and low-noise fans ensure smooth operation and energy savings. The user-friendly PLC control system with a large color touchscreen provides intuitive operation, advanced diagnostics, and precise temperature control. With its compact footprint, user-friendly controls, and innovative features, the Accuchiller NQ Series delivers the ultimate in chiller performance and reliability.

For even great efficiency, consider the Accuchiller NQV Series chillers with variable speed scroll compressor available from 5 to 30 tons (18 to 106 kW).



Delivers unmatched accuracy and lasting performance



Intuitive PLC control with a user-friendly text display



Proven reliability for low maintenance and high efficiency

Low GWP R-454B Refrigerant

NEW! EPA approved refrigerant provides a Global Warming Potential rating below 700 to combat climate change issues.

Direct Drive Scroll Compressors

Hermetically sealed scroll compressors with proven performance in industrial cooling for reliable, low maintenance, and efficient operation.

Stainless Steel Evaporators

High efficiency stainless steel plates with copper brazing provide maximum performance, long life and an enhanced level of protection from harsh process conditions.

Stainless Steel Pumps

Selected for peak performance with the utmost in corrosion protection to ensure a long useful life under severe industrial conditions.

Nonferrous Reservoir and Water Lines

Insulated reservoir, fluid lines, pumps, and other components in the process fluid circuit will remain free of rust for maximum corrosion protection.

Evaporator Inlet Strainer

Removes any debris present in the process fluid to prevent costly downtime and repair due to a clogged chiller evaporator.

Wide Ambient Range

Indoor duty air cooled, water cooled, or remote air cooled condensers as well as outdoor air cooled chillers fit a variety of applications.

Easy Access Cabinet

Heavy-gauge machine access doors with industrial grade tools-free latches provide quick access to all components for easy operation and maintenance.

Compressor Protection Technology

Uses start-to-start anti-recycle control logic to limit cycling under low-load operating conditions to extend compressor life.

Compressor and Pump Run Hour Displays

Monitor compressor and pump running hours to assist with scheduling maintenance.

Power Monitor

Protects the chiller from extensive damage to the compressor and pump due to loss of phase or phase reversal in the main supply.

Reservoir Low Level Alarm

Indicates a low process fluid condition and protects the process pump and chiller from damage caused by a critically low operating level in the reservoir.

Temperature Deviation Warnings and Alarms

Alerts the operator of a potential problem before a fault occurs and if the condition gets worse, an alarm stops the chiller to prevent damage.

Adjustable Deviation Alarm Time Delays

Allows for programming a start-up alarm time delay to deactivate the alarms long enough for the process loop to stabilize before activating the alarms.

High-Quality 24 VDC Power Supply

Ensures dependable control circuit power and isolates the control circuit from static interference for stable and precise operation.

Warranty

18 months parts on entire unit; 12 months labor.

