



NE Compact Series

Description

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Our dream was to take our most technologically advanced, highest quality and most reliable dehumidifier to the next level.

Imagine

- A “Compact” dehumidifier that delivers, with one of the smallest footprints in the industry.
 - Fit up to 7 tons of capacity through a standard 32-inch doorway for retrofit applications. (56 ¼ in. wide, 36 ¼ in. long and 31 ½ tall.)
- Double decker versions available to expand capacity without sacrificing mechanical room floorspace.
- Competitive base price.
- Same standard features, with amazing new advantages and exclusive options.

Here’s how we did it.

A Powerful, Compact Indoor Pool Dehumidifier

The NE Compact Series is our most advanced indoor pool dehumidifier yet for small and medium-sized indoor pools requiring 2-16 tons of capacity.

<https://vimeo.com/1194759677><https://vimeo.com/1194759970>

- [Highlights](#)
- [Options](#)
- [Standard Features](#)
- [Downloads](#)

- Modulating reheat coil and pool water heating provides the ultimate in stable room conditions â?? a new industry benchmark!
- Higher energy efficiency from a new coil design that increases moisture removal efficiency while fan performance is maximized by reducing air pressure drop
- Hot water and electric heat also available for all units.
- CommandCenter control system
 - Sophisticated touch screen operator panel
 - Remote operator panel can be mounted 1000 ft. away
- Mechanical vestibule outside the airstream protects all refrigeration controls from corrosion and makes service a breeze
- Industry leading Electrofin coated coils for total corrosion protection â?? not just the fins!
- Direct drive backward inclined plenum fans with EC motors for supply air
 - Higher static pressures, quieter operation, greater energy efficiency
- NE models 2 through 7 fit through a 32-inch doorway â?? making them ideal for retrofit
- Heat rejection via an outdoor condenser or fluid loop.
- WebSentry Internet monitoring and control as a standard feature
- Multiple supply air connection options for maximum installation flexibility
- Sight glasses on receivers for easy field charging of split systems
- Compressor protection: pump down, crankcase heater, voltage monitor
- Optional pool water heating from compressor waste heat
- Outdoor air connection for code-required minimum ventilation built-in, complete with filter and manually adjustable damper

The specification sheets below are a representation of fully loaded units.

- Auxiliary air heating
- Motorized outdoor air modulated damper tied to built-in 7-day time-clock
- Outdoor air ventilation built-in, complete with filter and manually adjustable damper

- [WebSentry](#) Internet monitoring and control
 - Factory-supervised start-up and support via the Internet
 - **Seresco** WebSentry performance monitoring 24/7
 - Trouble warnings via e-mail
 - Browser-based access and control
 - Smart phone access and control
- Unrivaled 1-year labor warranty with [WebSentry](#) connection
- 2-year warranty on parts
- CommandCenter Control System with optional touch screen interface
 - The most sophisticated and powerful controller in the industry
 - Integrated BACnet, and Modbus connectivity

- Service Vestibule Outside Airstream â?? On All Units
 - Critical components outside of chlorinated air stream
 - Maximum AC efficiency, no heat gain from warm components
 - Easy to service even while unit in operation
- Direct drive fans, backward inclined airfoil plenum
 - Quiet, powerful, efficient, reliable, energy efficient
 - Higher static pressures
 - Quieter operation & greater energy efficiency
 - Allows for factory installed auxiliary air heating
 - Offers maximum flexibility for supply air duct options
 - No belts to adjust, wear out or replace
- Fully dipped coils for 100% corrosion protection â?? not just the fins!
- Extraordinary compressor protection
 - Refrigeration pressure transducers on suction and discharge
 - 24/7 monitoring of critical suction and discharge pressures
 - pump down, crankcase heater, voltage monitor
- Sight glasses on receivers for easy field charging of split systems
- Flexible supply and return air openings â?? multiple openings also possible
- Mechanical vestibule outside the airstream makes service a breeze
- Mirror configurations available for some models to suit duct work requirements
- Best cabinets in the industry
- Outdoor packaged and split available, air-cooled or dry cooler
- Roof curb or slab compatible base design
- Motorized evaporator bypass damper for proper evaporator loading and maximum efficiencies
- 2-Inch pleated filters standard



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