



## NE200 Series

### Description

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**Our dream was to create the most flexible, retrofit-friendly, two compressor dehumidifier, in the smallest footprint possible.**

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### Imagine

- A dehumidifier designed specifically to solve all the challenges of the retrofit and replacement market
- The peace of mind of a compact, two compressor system with redundant, fully independent circuits.
- Dual compressors to provide scalable performance and optimum energy efficiency under all conditions
- Installation simplified by splitting the unit in two, without requiring additional field refrigeration work
- Units with up to 80 lbs/hr of moisture removal and 6,800 CFM of air handling fitting through a 32-inch doorway, with split installation capability requiring nothing more than a wire harness to connect the systems

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**Hereâ??s how we did it.**

## A Perfect Replacement Indoor Pool Dehumidifier



Our goal with the **NE 200 Series** dehumidifier line was to solve the difficult and costly challenges of retrofitting and replacing dehumidifiers.

What we ended up with was pure genius. Not only did we pack twice the dehumidification capacity into our already small footprint, but we created a fully redundant system, split installation capability and serious energy savings, with scalable load management.

Of course all of this is built with the same exceptional attention to detail, quality components and technological features of our benchmark products, including WebSentry Technology and our unrivaled warranty.

For installations requiring 45 to 170 lbs/hr hour of moisture removal and 3,000 to 16,000 CFM of air handling, our **NE 200 Series** provides features that beat the competition hands down â?? every time!

<https://vimeo.com/1194759677>

NE200 SERIES

### Additional Insights

- [Highlights](#)
- [Options](#)
- [Standard Features](#)
- [Downloads](#)
- 45 to 170 lbs/hr of moisture removal and 3,000 to 16,000 CFM of air handling in the absolute smallest footprint possible

- Our model 214, fits through a 32-inch doorway and delivers up to 79 lbs/hr of moisture removal with 6,800 CFM of air handling
  - Fully modular system
    - 2 compressors, 2 supply air fans, 2 cabinets
    - one package
  - Can be easily split at the job site for retrofit in existing buildings
    - just a wire harness to connect, no refrigeration piping is affected
  - 2-sided service access for tight installations
  - Single phase electrical power available up to a 12-ton system
  - Flexible supply air openings â?? multiple openings also possible
  - Direct drive backward inclined plenum fans for supply air
    - Higher static pressures, quieter operation, greater energy efficiency
    - ECM motors or variable frequency drives available
  - Mechanical vestibule outside the air stream protects components and makes service a breeze
  - Premium compressor protection
  - Premium corrosion resistance
  - CommandCenter control system
    - Sophisticated touch screen operator panel
    - Remote operator panel can be mounted up to 1000 feet away
    - Refrigeration pressure transducers can be monitored via WebSentry
    - Motorized evaporator bypass damper for proper evaporator loading and maximum efficiencies
  - [WebSentry](#) Internet monitoring and control as a standard feature
  - Can be equipped with auxiliary air heating and a variety of ventilation options including air conditioning
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- Pool water heating
  - Air conditioning â?? air cooled or water cooled, split or packaged
  - 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
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- [WebSentry](#) Internet monitoring and control
    - Factory start-up and support via the Internet
    - **Seresco** Sentinel performance monitoring 24-7
    - Preventative maintenance e-mail alerts
    - 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 Air Stream 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
- Multiple compressor systems for staged control
- Flexible supply and return air openings â?? multiple openings also possible
- Mechanical vestibule outside the air stream makes service a breeze
- Mirror configurations available for some models to suit duct work requirements
- Best cabinets in the industry
- Motorized evaporator bypass damper for proper evaporator loading and maximum efficiencies
- 2-Inch pleated filters standard



**Seresco**  
[NE 200 Series Dehumidifier](#)



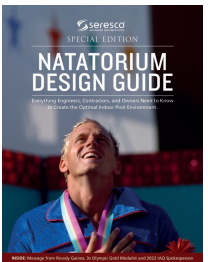
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