

NE² NE 200 Series



Seresco's NE 200 Series Dehumidifiers
Twice the Capacity – Same Small Footprint



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

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 controlled by a single, sophisticated brain
- ...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

*That's what we imagined
...in creating our NE 200 Series Dehumidifiers*

NE 200 Series Dehumidifiers

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 unrivalled 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 – every time!

Seresco's Online Pool Design Resources

Looking for natatorium design insights, tips and checklists? Seresco's Natatorium Design Guide is available online for instant reference as well as in a downloadable PDF format from our website.

Seresco also provides a non-commercial, professional development training video on natatorium design that allows those who watch to earn a PDH certificate.

For valuable pool design resources and our PDH training video visit:

SerescoDehumidifiers.com/Engineers



NE 200 Series Advantages

- 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
- Both horizontal and vertical configurations available
- Flexible supply air openings – 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 airstream 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 ft. away
 - Refrigeration pressure transducers can be monitored via WebSentry[®] – unique to Seresco
 - 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



See details, videos and more at:
SerescoDehumidifiers.com/NE200series

WebSentry[®] for Ultimate Peace of Mind

Our WebSentry[®] Monitoring technology redefines the concept of service and support by remotely monitoring, analyzing and reporting on all the critical functions of your dehumidifier 24/7 – in real time via the Internet. Should maintenance be required or trouble alerts occur, WebSentry[®] will email your designated service personnel who have immediate, secure remote online access to your unit. Should your service technicians require assistance, Seresco's factory service experts are ready to help.

Learn all the details and see it in action at:

SerescoDehumidifiers.com/WebSentryTechnology

- Robust online reporting of real-time performance data
- Standard on every Seresco dehumidifier at no extra cost
- Simple plug and play Ethernet connection, optional WiFi/cellular
- Secure access and control via computer, tablet or smart phone
- Connection activates premium extended 1st year labor warranty (*Conditions apply, see Warranty Statement for details*)
- Factory or authorized service technicians fine tune unit performance remotely
- Automated performance monitoring with trouble alerts, service reminders and performance data sent by email

Renowned Industry Leading Technology & Innovation

Seresco builds each and every dehumidifier with technology and features that set the industry standard for performance, reliability and value. For applications ranging from small indoor spas to massive waterparks, we manufacture the largest, most comprehensive product line available. Compare us to the competition and you'll see instantly why we're the #1 choice for discriminating customers!



Superior System Design

Protocol Series with up to 85% Less Refrigerant Charge

- Smoothest, most stable room control in the industry
- Easiest and most cost effective installation possible
- Lowest operating and maintenance costs
- Longest lifetime expectancy of any pool dehumidifier

Ultra Compact Designs

- Twice the capacity in half the footprint (200 Series)
- Retrofit designs for on-site assembly
- Flexible cabinet designs for air supply and service access
- Packaged or split system options

Superior Compressor Performance

- Advanced refrigeration pressure monitoring and control technologies, unique to Seresco, ensure optimum compressor operation and protection



Advanced Control Systems

WebSentry® Technology

- Robust online reporting of real-time performance data
- 24/7 Performance monitoring
- Factory supervised startup and support via the Internet
- Automated maintenance and system alerts by email
- Browser-based and smart phone access and control

WebSentry® Premium Extended Warranty

- Unrivaled 1-year labor warranty (2-year parts)
(Conditions apply, see Warranty Statement for details)

CommandCenter® Control Systems

- The most sophisticated and powerful controller in the industry controlling over 100 performance parameters
- Sophisticated touch screen operator panel
- BACnet, LonWorks and Modbus connectivity

Built-In Refrigerant Pressure Transducers

- 24-7 Monitoring of critical suction and discharge pressures to ensure optimal system performance



Exceptional Energy Efficiency

Direct Driven, Backward Inclined Airfoil Plenum Fans

- Powerful, quiet, efficient, reliable
- No belts to adjust, wear out or replace
- ECM motors or VFD
- Allows for factory installed auxiliary air heating

Energy Recycling Systems

- Free pool water heating with recycled energy
- Heat recovery on ventilation air



Maximum Corrosion Resistance

Separate Mechanical Vestibule

- Virtually all components are out of the corrosive air stream

Fully Dipped Coils

- 100% protected against corrosion

Corrosion Resistant Design, Finishes & Components



Easy to Service

Mechanical Vestibule Outside Air Stream

- On all units
- Easy to service even during unit operation

WebSentry® Remote Analysis & Control

- Instant factory analysis and service capability via the Internet
- Detailed performance logs available online
- Service technicians have smart phone access and control

