Seresco's NE Series Dehumidifiers
The Benchmark in Natatorium Control

seresco | Advanced Dehumidifiers
WebSentry® Technology

> "Our dream was to create the most technologically advanced, highest quality and most reliable dehumidifier possible."

Imagine

…a dehumidifier that is monitored 24-7 via the internet to ensure peak performance for the lifetime of the unit

…a dehumidifier that protects all critical components from corrosion by isolating them from the pool air stream in a separate vestibule

…state of the art, corrosion resistant, ultra-efficient, quiet fans that maximize air flow and minimize noise with no belts or pulleys to wear out or adjust

…compact cabinet designs that provide the ultimate in accessibility, cabinet configuration and duct connection flexibility

…a dehumidifier manufacturer confident enough to provide a full year labour warranty on top of a two year parts warranty

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

NE Series Dehumidifiers

Our NE series dehumidifier is what launched Seresco to the forefront of the dehumidification industry. We were determined to build not just an improved dehumidifier, but a dehumidifier that was better in every way possible – and we did!

From the smallest details that others overlook to the most critical aspects of engineering and component selection, our NE dehumidifiers truly set the industry standard for performance, reliability and value.

Add to that, our revolutionary WebSentry® Technology as a standard feature, and you've got 24-7 internet-monitored performance backed by an unrivaled two year parts and one year labor warranty (with WebSentry® connected at start-up).

For installations, requiring 10 to 100 lbs/hr of dehumidification and 650 to 8,000 CFM of air handling, our NE 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 Series Advantages

- WebSentry® Internet monitoring and control as a standard feature

- CommandCenter® control system
  - Sophisticated touch screen operator panel
  - Remote operator panel can be mounted 1000 ft. away
  - Refrigeration pressure transducers can be monitored via WebSentry® – unique to Seresco

- Mechanical vestibule outside the airstream makes service a breeze and protects components from corrosion

- Fully dipped coils for total corrosion protection – not just the fins!

- Direct drive backward inclined plenum fans for supply air
  - Higher static pressures, quieter operation, greater energy efficiency
  - ECM motors or variable frequency drives available

- Mirror configurations available for all models for maximum installation flexibility

- NE models 2 through 7 fit through a 30 inch doorway— which makes them ideal for retrofit

- 2-Sided service access for tight installations

- Multiple supply air connection options for maximum installation flexibility

- Heat rejection options for air conditioning: outdoor condenser or fluid cooled (dry cooler, cooling tower, chilled water)

- Outdoor packaged system available as a standard product!
  - 2-Inch insulation, double wall construction, rain-guards over the doors, roof curb or slab design

- Sight glasses on receivers for easy field charging of split systems

- Compressor protection: pump down, crankcase heater, voltage monitor, suction accumulator, oil separator, oil monitoring

- Outdoor air connection for code-required minimum ventilation built-in, complete with filter and manually adjustable damper

- Optional pool water heating from compressor waste heat

- Auxiliary air heating: hot water, electric, gas

- A variety of ventilation options and heat recovery for NE-008 and larger

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

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

seresco | Advanced Dehumidifiers
WebSentry® Technology