

# 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!

**NE** NE Series



## 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's NE Series Dehumidifiers  
The Next Generation of Natatorium Control



 **seresco**<sup>®</sup>  
ADVANCED DEHUMIDIFIERS

[www.SerescoDehumidifiers.com](http://www.SerescoDehumidifiers.com)

USA: 770.457.3392 | Canada: 613.741.3603

 **seresco**<sup>®</sup>  
ADVANCED DEHUMIDIFIERS

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

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

## The Next Generation of NE Series Dehumidifiers

Our NE series dehumidifier launched Seresco to the forefront of the dehumidification industry. With this next generation product line 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!

## Imagine

- ...an ultra-compact dehumidifier that houses its entire system in one cabinet for simple installation, yet keeps all critical components isolated from the pool air stream in a separate vestibule
- ...a supplementary expansion module that can house a titanium full flow pool water heat exchanger and exhaust fan
- ...air conditioning with no outdoor condenser or fluid cooler
- ...state of the art, corrosion resistant, quiet, ultra-efficient fans that maximize air flow and minimize noise with no belts or pulleys to wear out or adjust
- ...a dehumidifier that is monitored 24-7 via the internet to ensure peak performance for the lifetime of the unit
- ...a dehumidifier manufacturer confident enough to provide a full year labour warranty on top of a two year parts warranty

## NE Series Advantages

- Modulating reheat coil and pool water heating provides the ultimate in stable room conditions – 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
- New ultra-compact gas furnace option for auxiliary air heating features loop-back air flow (packaged or can ship separately), hot water and electric heat also available
- 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®
- 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 – not just the fins!
- Direct drive backward inclined plenum fans with EC motors for supply air
  - Adjust the airflow right from the operator panel
  - Higher static pressures, quieter operation, greater energy efficiency
- NE models 2 through 7 fit through a 32 inch doorway— making them ideal for retrofit
- Heat rejection options for air conditioning:
  - New Expansion Module – see inset below
  - Outdoor condenser or fluid cooled (dry cooler, cooling tower, chilled water)

## NE NE Series

- 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, suction heat exchanger
- Optional pool water heating from compressor waste heat
- Outdoor packaged system available as a standard product!
  - Small footprint, 2-inch insulation, double wall construction, popular options include exhaust fan, gas heating, packaged OACC
- Outdoor air connection for code-required minimum ventilation built-in, complete with filter and manually adjustable damper



# WebSentry™

## REMOTE PERFORMANCE MONITORING

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/WebSentry](http://SerescoDehumidifiers.com/WebSentry)

- 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 1<sup>st</sup> 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

## NE Compact Series

The NE Compact Series is our most advanced dehumidifier yet for small and medium-sized indoor pools requiring 2–16 tons of capacity. On top of the essential standard features you want with precision dehumidification equipment, the NE Compact is also packed with new and exclusive features and options that exceed your every expectation.

### Exclusive for the NE Compact

We didn't just want to design a dehumidifier that is 40% the volume of standard units with a more competitive price; we wanted to go further. That's why the NE Compact — and only the NE Compact — offers these additional options.

- Ultra corrosion-resistant titanium, full-sized, full-flow, modulating pool water heater.
- Redirects up to 100% of the heat generated by the dehumidification process to where it matters: lowering your energy bills.
- Pipes directly in the main pool circulating loop, providing a simple pool water heating solution that saves money.
- Compact direct-mounted furnace (grade 409 stainless) available for space heating.d from the pool air stream in a separate vestibule