

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



www.SerescoDehumidifiers.com

Toll Free: 1.888.SERESCO | USA: 770.457.3392 | Canada: 613.741.3603



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

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

*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!

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

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® – unique to Seresco
- 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 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

See details, videos and more at:

SerescoDehumidifiers.com/NEseries



Optional R3 Expansion Module Advantages



- Mounts underneath NE Series main unit, adds only 18 inches in height. Can be shipped separately
- Exhaust fan option provides up to 2200 CFM (depending on the model) at 1" external static pressure with an EC motorized blower to ensure the room is under negative pressure, complete with motorized exhaust damper to prevent backdraft. (No need for a separate exhaust fan)
- Optional full A/C capacity with NO OUTDOOR CONDENSER (using an evaporative condenser in the exhaust airstream). No site refrigeration work and reduces refrigerant charge by up to 80%
- Corrosion proof titanium and PVC full flow pool water heater pipes directly in the main pool circulating loop, providing the easiest solution to pool water heat savings to the customer
- Units with hot water auxiliary air heating can have an auxiliary pool water heat exchanger installed and piped in the R3 Module, greatly reducing installation cost and complexity
- Units with the R3 Module will benefit from our partial economizer control sequence
- Parallel booster fan for additional airflow up to 2000 CFM, in place of the exhaust fan (contact factory for details)

