



OA Series



Seresco's OA Series
Indoor Split Outdoor Air Dehumidifiers
using Protocol Technology



“Our dream was to create a premium quality, environmentally friendly and simple to install split DOAS that delivered the absolute best overall performance and value in the industry.”

Imagine

- ...a premium DOAS born from an environmentally friendly, low refrigerant charge dehumidifier manufacturing experience
- ...no refrigeration piping needed at the job site
- ...no restrictions on the location of the outdoor air cooled heat exchanger
- ...two compressors and interlaced evaporator coil for effective off peak latent performance
- ...monitoring 24-7 via the Internet to ensure peak performance for the lifetime of the system
- ...premium, corrosion resistant, ultra-quiet and efficient direct drive fans that maximize air flow and minimize noise with no belts or pulleys to wear out or adjust
- ...compact cabinet designs with the ultimate in accessibility, cabinet configuration and duct connection flexibility with all critical components in a separate service vestibule outside of the air stream
- ...all of this with Seresco's state of the art quality and engineering, a touch screen control panel, CommandCenter® Controller and WebSentry® Technology at no extra cost

*That's what we imagined
...in designing our OA Series Dehumidifiers*

As industry leading pool dehumidification experts and true technology innovators, we couldn't imagine anyone better qualified than us to design and manufacture a superior DOAS unit – so we did!

Like our Natatorium Protocol Series systems, our DOAS split units have the lowest refrigerant charge in the industry. They do not require site refrigeration work, have the lowest cost to install and are exceptionally reliable. We then added our WebSentry® Technology with 24/7 Internet monitoring and remote control and gave it our unprecedented one-year labour warranty, on top of our standard two-year parts warranty (with WebSentry® connected at start-up).

If quality, reliability, energy efficiency and the best warranty in the business are what you're looking for, then look no further than Seresco's OA Series DOAS technology for your ventilation requirements.

Seresco's Online Resources

Seresco's website provides valuable resources ranging from specifications, drawings and manuals, to detailed video presentations about our products and their features.

As the industry leading authority on natatorium environment control, we also provide engineers with a non-commercial, professional development video on natatorium design allowing those who watch it to earn a PDH certificate.

For valuable design resources and a PDH training video visit:

SerescoDehumidifiers.com/Engineers





OA Series

OA Series Advantages

- Environmentally friendly - lowest refrigerant charge in the industry
- Factory sealed refrigeration circuit - no site refrigeration work required to install system
- Lowest installation cost
- Heat rejection outdoors via a dry cooler - unlimited flexibility in outdoor heat exchanger location
- Two compressors and interlaced evaporator coil for effective off peak latent performance
- Modulating reheat for constant supply air temperature
- ECM supply fan for quiet, energy efficient air supply
- 1,000 to 5,400 CFM of air handling in the absolute smallest footprint possible, from 6 to 24 tons refrigeration
- Our models up to OA-012 can fit through a 32 inch doorway
- Single phase electrical power available up to a 12 ton system
- 2-sided service access for tight installations
- Horizontal and vertical cabinet configurations
- Flexible supply air orientation - multiple connections possible
- Mechanical vestibule outside the airstream makes service a breeze
- Premium compressor protection
- Premium corrosion resistance
- CommandCenter® control system
 - Sophisticated touchscreen operator panel
 - Standard refrigeration pressure transducers on suction and discharge – unique to Seresco
- WebSentry® Internet monitoring and control as a standard feature
- Can be equipped with gas, electric or hot water air heating



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



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

