

Seresco™ Pool Dehumidification Profile

DOBYNS-BENNETT HIGH
SCHOOL



Dobyns-Bennett High School - Kingsport, TN

- USES A SERESCO™ NE-40 (40 TON) SERIES POOL DEHUMIDIFIER.
- UNIT USES HOT GAS FROM THE COOLING AND DEHUMIDIFICATION CYCLES TO PROVIDE AUXILIARY HEATING OF POOL WATER.
- THROUGH AN INTEGRAL 75 kW ELECTRIC COIL WITH SCR CONTROLS, AUXILIARY HEAT IS PROVIDED AS REQUIRED FOR CONDITIONING AIR IN THE SPACE.
- JCI METASYS ETHERNET INTERFACE AND WEB SENTRY REMOTE MONITORING ALLOW REMOTE SYSTEM CONTROL AND ADJUSTMENTS OVER THE WEB.
- ARCHITECT: *BEESON LUSK & STREET, INC*
- MECHANICAL DESIGNER: *KELSO-REGEN ASSOCIATES, INC.*

SERESCO™ NE SERIES
PLUG FAN

System Overview

- SERESCO™ DEHUMIDIFIER MAINTAINS A STEADY RELATIVE HUMIDITY IN THIS 13,000 SQUARE FEET NATATORIUM.
- ELIMINATES THE CAUSE OF CORROSION, ACCELERATED WEATHERING OF BUILDING STRUCTURES, POTENTIAL STRUCTURAL DAMAGE AND THE DEVELOPMENT OF DANGEROUS MOLDS AND MILDEW.
- UNIT ALSO IMPROVES INDOOR AIR QUALITY, ENSURING THE CONTINUED HEALTH AND COMFORT OF PEOPLE, AS WELL AS PRESERVING THE BUILDING'S INTEGRITY.
- A LEADING-EDGE COMPANY OFFERING A UNIQUE COMBINATION OF INNOVATIVE PRODUCT DESIGN, TOP QUALITY MANUFACTURING, AND AN EXECUTIVE TEAM WITH OVER 70 YEARS OF INDUSTRY EXPERIENCE FEATURING CONSULTANT, MR. REINHOLD KITTLER, P.E. THE INVENTOR OF THE ORIGINAL ENERGY-RECYCLING DEHUMIDIFIER WHICH WAS CREATED OVER 25 YEARS AGO.



CHANGING THE CLIMATE OF HVAC.

