



Professional Profile

"Bright Solutions in Engineering"

Michael L. Boles, PE

Education

University of Missouri-Rolla
B.S. Mechanical Engineering

Graduate studies in the
application and analysis of
HVAC systems

Registration

Professional Engineer--Missouri

Professional and Civic Affiliations

American Society of Heating,
Refrigeration and Air Conditioning
Engineers (ASHRAE)

Air conditioning, Heating
and Refrigeration Institute (AHRI)

Mr. Boles has 40 years of experience in various phases of the construction industry, ranging from a large Architectural Engineering firm to a small Design Build contractor. For the past 20 years, he was the Product Manager/Engineering Manager for SEMCO LLC, a world leader in the design and manufacture of innovative, desiccant-based, energy recovery fresh air ventilation systems.

As Product Manager, Boles was responsible for a complete market analysis for each of the company's ventilation systems and their respective market niches. As new markets and desiccant technologies emerged, SEMCO was well positioned to refine designs or create new products to serve those niches.

As Engineering Manager, he oversaw all aspects of the design and fabrication of ventilation products for SEMCO. The unique nature of desiccant products often requires specialized manufacturing equipment and techniques. Boles was intimately involved in the design, fabrication and commissioning of this equipment. He also worked closely with the Sales department and customers to ensure that SEMCO's energy recovery ventilation systems were properly integrated into building designs.

Mr. Boles is the co-inventor of *Apparatus for measuring quantity of outdoor air processed by an air preconditioning module.*