

The best equipment is doomed to fail if not properly applied, installed or maintained. These training courses provide a broader understanding of HVAC and engineered plumbing equipment and their applications to ensure well-designed, properly installed and highly reliable systems.

Systems and Applications Training Courses

Each course is available in a design engineer version or a service technician version and customized upon request.

Course Name	Short Description	Length	PDH Credits
Understanding Condensing Boiler Systems	Learn how system temperatures, flows, piping and varying loads impact operation and reliability.	1 hour or 2 hours	1 or 2
HVAC Pump Best Practices	Explore the anatomy of pumps and the effects of installation and maintenance on reliability.	1 hour or 2 hours	1 or 2
Air and Dirt <i>Does</i> Hurt	The effects of air and dirt in hydronic HVAC systems and methods to remove them.	1 hour	1
Humidification 101	Basic HVAC humidification principles, methods and best practices.	1 hour	1
The Ivory Tower	Break old habits and keep cooling towers out of the muck by addressing scale, biofilm, corrosion and more.	1 hour	1
Safe Hot Water on Tap	System strategies and equipment to ensure clean water at the perfect temperature on demand.	1 hour or 2 hours	1 or 2
Simple Piping Systems with LoadMatch	Hydronic system piping strategies to lower cost, energy and risk while improving comfort performance.	1 hour or 2 hours	1 or 2
Domestic Water Booster Pump Applications	Understand a building's water pressure needs and the best ways to utilize variable speed booster pump systems to meet them.	1 hour or 2 hours	1 or 2

Technician Service Training

Course Name	Short Description	Length
Pump Service School	Learn the proper service and maintenance techniques from the industry's best. Samples of parts and equipment will be available for demonstrations and hands-on instruction.	Half day
Boiler Service School	Manufacturer-specific training by factory-certified master technicians to cover boiler operation fundamentals, address common issues and minimize downtime.	Half day to full day

Factory tours and training for engineers available

• Taco Comfort Solutions (Cranston, RI) • AERCO (Blauvelt, NY) • Dadanco (Westfield, MA) • Syncroflo (Atlanta, GA) • Raypak (Oxnard, CA) • Shipco (Shippensburg, PA) • Acorn Engineering (Chicago, IL) • Metraflex (Chicago, IL) • Bock Water Heaters (Madison, WI)