

PRACTICAL PROFESSIONAL TRAINING

Hydronic Boot Camp will cover cost saving aspects of the industry's best condensing products along with the added benefits of our unique and superior boiler design. We will look at installation practices that will lower nuisance calls and profit loss issues. Topics covered include the initial meeting with the customer, sizing of the boiler, and commissioning techniques to ensure proper operation and efficiency of the heating equipment and system. Strategic partners in the industry will join us as we cover the key considerations and skills needed for a smooth installation.

Learn how to properly select, install, and service a modulating condensing boiler.

Training Class: Modern Condensing Boilers

1. Understanding the application for a condensing gas boiler
 - a. Selecting Proper Equipment
 - b. Proper Boiler Sizing
 - c. Retrofit System Assessment
 - d. Understanding the Importance and Benefits of a Clean System
2. Piping
 - a. Proper Piping Configuration
 - b. Benefits of Primary / Secondary Piping
 - c. Air Elimination/Pump Placement
3. Pumps
 - a. Sizing
 - b. Location
 - c. ECM vs Traditional
4. Control & Components
 - a. Set-up Parameters
 - b. Proper Settings and Parameters for Different Applications
 - c. Troubleshooting & Diagnostics
5. Venting and Combustion Air
 - a. Vent Location and Combustion Air Requirements
 - b. Single and Common Vent Systems
6. Boiler
 - a. Installation Techniques
 - b. Commissioning and Maintenance Procedures
 - i. Heat Exchanger cleaning
 - ii. Combustion Test
 - iii. Gas Pressure Test
 - iv. Set-up and fine tuning
 - v. Maintenance and Real World Troubleshooting
 - c. Hands on Disassembly and Reassembly of Boiler
7. The Tools of the Trade
 - a. Combustion Analyzer, Multi-meter, Water Quality

