

# Geothermal with Desuperheater Training | eLearning Course

**Geothermal Desuperheater Operation - W12307-XB08UEN-E2**

Objective 4: Explain the Benefits of a Supplemental HWG System

**Supplemental Benefit - Cooling Mode**

A GHP operating in cooling mode receives the greatest benefit from a supplemental HWG system.

It captures the heat the GHP removes from the building's air and puts it to use heating water. This heat energy would otherwise be wasted by the GHP dissipating it into the ground.

This repurposing of waste heat results in increased building efficiency because it requires less water heating by means of fossil fuels or electricity.

Waste Heat Dissipated into Ground

Click on the graphic to add and remove the supplemental HWG system.

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## eLearning Course: M12307

Amatrol's Geothermal with Desuperheater eLearning course (M12307) teaches learners a wide range of knowledge and hands-on skills related to geothermal systems in both residential and commercial applications. Topics range from geothermal system startup and operation to shut down and maintenance.

## Interactive eLearning Curriculum with Learning Management System

### Highly-Interactive Multimedia Format Appeals to All Learning Styles

Amatrol's geothermal with desuperheater eLearning course features interactive eLearning curriculum that integrates various types of learning methods to create an engaging, effective learning experience. Amatrol's multimedia [eLearning](#) curriculum includes text with voiceovers, videos, 3D animations, pictures, and interactive activities, quizzes, and self-reviews.

### Free Learning Management System (LMS)

Amatrol eLearning is easy-to-use for both students and instructors. Its web-based interface is simple to navigate and available on any WebGL-compatible Internet browser. Instructors love Amatrol eLearning for its simple, yet sophisticated Learning Management System (LMS). The LMS allows instructors to create custom courses, monitor student participation, track course progress, assess knowledge levels prior to a course, and test knowledge levels after completion. Learners appreciate the fact that they can start and stop as needed, moving through each Amatrol course at their own pace. If a self-review reveals that they didn't understand a particular topic as well as they thought they did, they can revisit it before moving on.

## Additional Info



**Requires:**

- Computer: [See Computer Requirements](#)

**Options:**

- Geothermal Learning System with Desuperheater (950-GEO1D)
- Amatrol SkillTrace Software (94-ST1)

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