

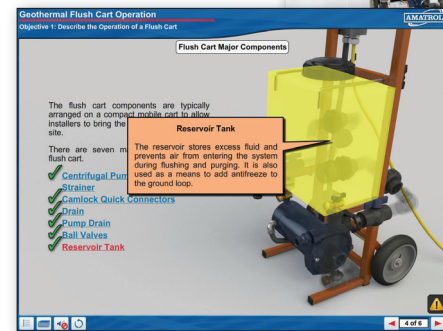
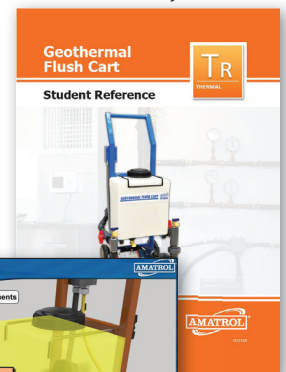
Geothermal Flush Cart Learning System

95-GEO3



95-GEO3 Geothermal Flush Cart Learning System

Student Reference Guide



Interactive Multimedia

Learning Topics:

- System Set Up
- System Operation
- Ground Loop Flushing
- Ground Loop Purging
- Charging Geothermal Source Circuit
- Pressurizing a System
- Flushing Multiple Heat Pump Systems

Amatrol's Geothermal Flush Cart Learning System (95-GEO3) teaches how to purge debris and air from the geothermal loop and then charge it with a glycol/water solution. Dirt and plastic pipe shavings can become trapped in geothermal systems during construction and must be purged to avoid damaging the system during operation. Proper procedures for filling and pressurizing the system must be followed to avoid aerating the fluid being used to charge the system or this entrained air will lower system performance.

The 95-GEO3, which includes a mobile cart and a pump system, will cover flush cart set-up and operation to teach how to flush, purge, charge, and pressurize the geothermal system. It also covers introducing an anti-freeze additive to prevent pipes from freezing. The 95-GEO3 also includes Amatrol's world-class, highly interactive multimedia that will help learners to gain insight into the theoretical aspects of how the flush cart works and then allows them to follow along with step-by-step explanations of hands-on skills.

Technical Data

Complete technical specifications available upon request.

Mobile Cart Pump Circuit

- Circulator Pump
- Control Unit
- Shutoff Valves
- Water Tank and Hose Set
- 10-ft. Hoses with Camlock Fittings for Connection to Flow Center (2)
- Multimedia Curriculum (M12310)
- Instructor's Guide (I12310)
- Install Guide (D12310)
- Student Reference Guide (H12310)

Additional Requirements:

- Water Supply and Sewer Drain
- Utilities Required:
 - Electric: 115V/60Hz/1PH

