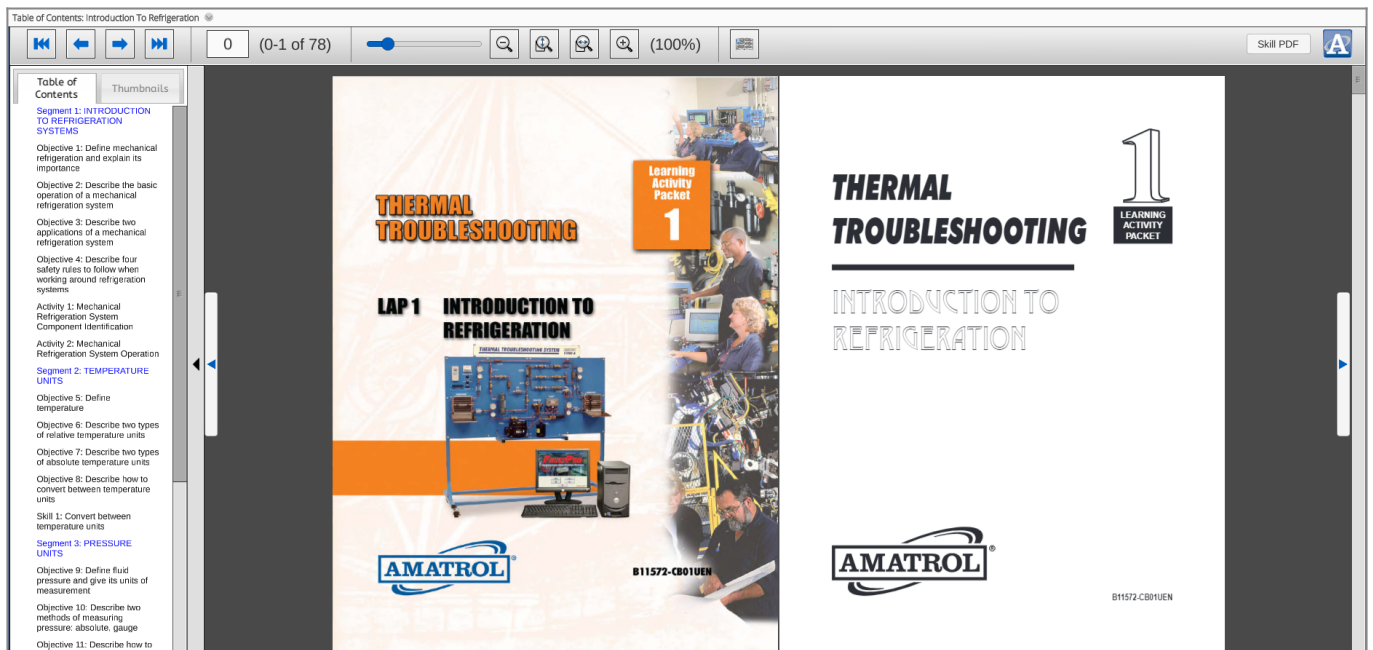


Air Conditioning/Heat Pump Troubleshooting Training | eBook Curriculum



eBook: E11572

The Air Conditioning/Heat Pump Troubleshooting eBook curriculum (E11572) teaches valuable troubleshooting skills like no other product with a hands-on learning station that contains a working system that can perform heat pump, air conditioning and refrigeration operation and a wide array of faults that can be inserted. A unique computerized fault insertion system safely inserts faults automatically and tracks student progress. Thermal system troubleshooting skills are in high demand today with these systems playing a key role in industrial, commercial and residential applications to provide heating and cooling of spaces and processes.

The Air Conditioning & Heat Pump Troubleshooting eBook curriculum begins with an introduction into the world of refrigeration. The curriculum shifts focus to cover compressors, condensers, metering devices, and evaporators. Students will also be exposed to topics like temperature and pressure control devices, reversing valves and refrigerants, troubleshooting, and much more. Using a competency-based approach that begins with basic concepts, and builds to lead the student into a layered learning process of increasing depth using proven instructional design techniques that will keep the learner engaged.

In-Depth Curriculum

Comprehensive Air Conditioning/Heat Pump Troubleshooting Curriculum

Amatrol's air conditioning/heat pump troubleshooting curriculum teaches key topics, including: refrigeration; compressors; condensers; metering devices & evaporators; temperature & pressure control devices; reversing valves & refrigerants; thermal troubleshooting measurements; and component- & system-level troubleshooting. Within these topics, learners will study objectives like measuring compressor inlet and outlet temperature and pressure; setting the pressures on a dual-pressure control device; determining if a system is properly charged using the subcooling method; and troubleshooting insufficient heating.

Feature-Packed eBook Format Makes Learning Convenient

Amatrol's eBooks look like a real book and allow users to flip between pages with ease. Enhanced with features such as keyword searches and zoom controls that enable a user to quickly locate and view information, these eBooks are a fantastic learning tool. Amatrol's eBooks are available online and can be used by anyone with access

to Amatrol's Learning Management System (LMS). Optionally, if you choose to use your own LMS, these eBooks are SCORM compatible to allow smooth integration into your current training system. Combined with our already extensive library of interactive multimedia titles, which are also SCORM compatible, users can now complete their entire course work online!

Additional Info



Requires:

- Computer (see [Computer Requirements](#))

Options:

- Air Conditioning/Heat Pump Troubleshooting Learning System (T7082A)

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