

# TEC Trainer™

## Airtightness Training Simulator

The TEC Trainer™ from The Energy Conservatory makes it easy to teach and demonstrate Blower Door™ and Duct Blaster® testing procedures right in the classroom. The TEC Trainer includes an easy to assemble testing enclosure with 3 adjustable leakage windows plus a duct system for a wide variety of testing scenarios. The TEC Trainer's simple assembly and disassembly makes it extremely portable so that it can be quickly moved between training locations.

The combination of testing enclosure, duct system and adjustable leakage windows gives you maximum flexibility in testing applications. The TEC Trainer can be used to demonstrate building pressurization and depressurization tests, total duct leakage tests and duct leakage to outside tests. Along with our DG-700 Simulator, which allows trainers to project and control an image of a live DG-700 Pressure and Flow Gauge, you have the ideal training tool for teaching the capabilities and procedures of the most widely used performance testing equipment in the industry.

Whether you have remote training sites or you want to have multiple training opportunities for all members of the class, the TEC Trainer provides you with the most true to life simulations you can buy. And of course, the TEC Trainer is backed by the best technical support in the industry.

The TEC Trainer easily packs into 2 cases. The Accessory Case holds the fabric cover, flex duct, adjustable windows, tubing, Ring C, extra gauge hanger bar and manual. The frame case holds all of the folded frame pieces and hardware organized for easy set-up.



# TEC Trainer™ Specifications

Size	30" w x 80" t x 18" d (76 cm x 203 cm x 46 cm)
Weight	Frame with carrying case: 39 pounds (17.7 kg) Accessories with case: 15 pounds (6.8 kg)

## The TEC Trainer™ includes the following:

- An easy to assemble folding metal frame.
- A red nylon cover with zippered access panel and 3 adjustable leakage windows.
- A flex duct assembly for duct testing with a fixed leakage hole.
- Duct attachment plate for easy connection to the Duct Blaster®.
- Ring C for the Minneapolis Blower Door.
- Tubing kit that provides all of the color coded, properly sized tubing that you need for testing.
- Gauge bar to hang your Duct Blaster® controller and gauge on the Blower Door frame.
- Complete instruction manual that gives you recommended test configurations and the range of expected results.
- Hardshell frame case and softshell accessory case.

*Blower Door and Duct Blaster® sold separately.*



The Minneapolis Blower Door™ airtightness testing system.



The Minneapolis Duct Blaster® is used to measure the airtightness of ductwork.



The TrueFlow® Air Handler Flow Meter, shown with DG-700, is used to measure the total amount of air moving through an air handler.

## Complete service and technical support is built in.

All of our products come with a full two-year warranty on parts and labor, and access to the most knowledgeable customer service staff in the industry. If you have questions on the use of our products or how to handle unusual situations, you can count on us to give dependable answers. We always stock a complete line of replacement parts and can respond quickly to any service or equipment problem.

Our nearly 30 years of expertise goes beyond simply knowing about equipment. The Energy Conservatory's on-going research, active participation with technical associations, and close working relationships with the world's leading building scientists keeps us involved in the development and field testing of many of the performance testing industry's techniques. This means you always have the most up-to-date information and testing procedures.

To order, or for more information contact:



2801 21st Avenue South, Suite 160  
Minneapolis, Minnesota 55407

phone: (612) 827-1117

fax: (612) 827-1051

e-mail: [info@energyconservatory.com](mailto:info@energyconservatory.com)

website: [www.energyconservatory.com](http://www.energyconservatory.com)