

# Training Simulator

## Emerson Educational Services

### *Maximize the learning experience with the Educational Services training simulator*

The best way to learn is to do – and that’s exactly the kind of training an Emerson Educational Services simulator provides. With the Emerson Educational Services simulator your trainers can design student exercises that directly address the mechanical and electrical problems that can plague refrigeration and air-conditioning systems. This hands-on approach to learning gives students a more practical level of understanding of HVAC/R problems and solutions – and better prepares them for real in-field situations. We have recently introduced a hermetic version to complement our semi-hermetic offering. So no matter what your field applicatoin involves, we have a simulator that will work for you



#### **Common simulator exercises:**

- System pump down
- System evacuation
- System recovery
- Valve plate change
- Capacitor/relay replacement
- System charging
- Superheat & subcooling calculations
- Clogged/restricted drier replacement
- Refrigerant leak detection
- TXV superheat adjustment
- Compressor change out
- Adjust low pressure control cut-in/cut-out

Education You Can Build On

## The one-on-one training experience

The Emerson Educational Services simulator lets students work one-on-one with your instructors to analyze each problem and determine the best corrective action. The simulator also teaches best practices to help students ensure efficient system performance into the future. This practical “problem-vs.-solution” format helps bridge the gap between classroom learning and actual field experience.

## Instruction flexibility

The Emerson Educational Services simulator advances the learning process further by providing a more flexible teaching environment for instructors. Simulator exercises can be modified to better align instructor input regarding particular field problems with hands-on solutions each student can actually experience.

## An investment with exceptional returns

Studying in a classroom can teach a student basic information, but the learning process isn't complete until the student can actually apply that knowledge. That's where the practical hands-on experience of the Emerson Educational Services simulator is so valuable. In addition, simulator training brings added value to your business when you factor in the time and materials that are saved in the field because of the experience the simulator provides your technicians.

That makes the Emerson Educational Services simulator an investment that will continue to create value – not only at each training event but on into the future as well. Order your simulator now and start bridging the gap between the classroom and the field – and between learning and doing.

### How to Order:

Please complete the order form below and fax it to Emerson Educational Services at (937) 498-3729, or order by phone at (800) 748-2779.

**Item #** 900-0006-00  
**Cost:** \$6,500 per unit (plus \$175 shipping per unit). Quantity discounts may apply. Call Educational Services for details.  
**Delivery:** Units are built to order. Please allow 6-8 weeks for delivery.  
**To Order:** Call (800) 748-2779 or  
Fill out the form below and fax to (937) 498-3729 or mail to:

Attn: Training Simulator Order  
Educational Services  
Emerson Climate Technologies  
1351 North Vandemark Road  
Sidney, OH 45365

Semi-hermetic simulator       Hermetic simulator

### Fee and Payment Method

A check is enclosed (Make checks payable to Educational Services)

Charge my credit card       VISA       MasterCard       American Express

Cardholder Name \_\_\_\_\_ Security Code \_ \_ \_ \_ \_

Card No. \_ \_ \_ \_ - \_ \_ \_ - \_ \_ \_ \_ \_ Exp. Date \_ \_ / \_ \_

Bill my organization      Customer Number \_\_\_\_\_

### Shipping Information

Order Date \_\_\_\_\_ Requested Delivery Date \_\_\_\_\_  
(allow 6-8 weeks for delivery):

Attn \_\_\_\_\_ Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-Mail \_\_\_\_\_

Special Shipping Instructions \_\_\_\_\_

[Education.EmersonClimate.com](http://Education.EmersonClimate.com)

2005ES-8 R10 (10/13) Emerson is a trademark of Emerson Electric Co. ©2013 Emerson Climate Technologies, Inc. All rights reserved. Printed in the USA.

EMERSON. CONSIDER IT SOLVED.™