intelli-HEAT Essentials

TRAINING SERIES

MITSUBISHI ELECTRIC TRANE HVAC US



Course Description

This course focuses on the techniques associated with properly installing an intelli-HEAT Cased Coil system. Best practices, limitations, and manufacturer's requirements as they pertain to wiring, refrigerant piping, equipment installation, and refrigerant charge are reviewed. Additionally, service, maintenance and troubleshooting procedures are discussed. The course also covers in-depth concepts and theories of system operation including electrical and refrigerant circuits. Learning is reinforced with practical hands-on exercises.

Prerequisites

None

Target Audience

Installers and Service Technicians

Course Duration

1 Day

Educational Credits

NATE: 8 hours

Course Tuition

$240 per seat

Classroom Requirements

Laptop computer with Diamond System Builder (DSB) installed

Learning Objectives

- Review the six-step installation process including refrigerant charge and DIP switches
- Explain system start-up, warranty terms, and product registration procedures
- Discuss initial operation and functionality of the intelli-HEAT cased coil
- Create a project using Diamond System Builder software
- Explain the steps to perform preventive maintenance on system components
- Review component technology and system operation
- Discuss electrical operation and refrigerant flow paths
- Examine the use of fault codes, test point diagrams, service tools, and controllers to troubleshoot system operation

https://meta-hvac.my.site.com/Contractor/s/learning-home
1.678.730.1710
training@hvac.mea.com

©2025 Mitsubishi Electric Trane HVAC US