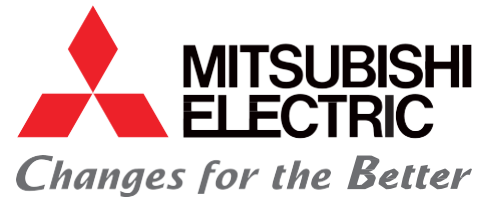




for a greener tomorrow



HVAC Reseller INVERTER TRAINING

Course Description

HVAC Reseller	
Course Code	TRVFD108B
Length	2 Days
Prerequisite	None

INTRODUCTION

This course is intended to introduce the FR-D700, FR-F800 Variable Frequency Drive (VFD) series and PowerGate H Bypass controller for the HVAC commercial markets. It is designed to give the attendee a thorough knowledge of the features and functions, wiring connections, basic operations, common parameters, PID parameters, and troubleshooting of the FR-D700, FR-F800 standard mode VFDs, and PowerGate H Bypass controller, as required in HVAC applications. This class will be taught using the FR-F800 series VFD and FR-Configuration 2 Software.

WHO SHOULD ATTEND?

This training course is ideal for approved HVAC reseller team members who are responsible for providing service and support to the commercial HVAC marketplace for Mitsubishi Electric FR-D700 & FR-F800 inverters, and PowerGate H Bypass controllers.

COURSE HARDWARE

FR-F800 Series VFD demo, Fr-D700 VFD demo and PowerGate H Bypass controller

PREREQUISITES EXPLAINED

A student must have a basic understanding of electronics principles, exposure to industrial control concepts and HVAC applications.

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RECOMMENDED E-LEARNING

[FA Equipment for Beginners - Inverters](#)

[Basic Function FR-800 Series](#)

[Basic Operation for the FR-800 Series](#)

COURSE OUTLINE

LESSON 1	Variable Frequency Drive Principles
LESSON 2	Inverter Product Lineup
LESSON 3	Installation
LESSON 4	Wiring Connection
LESSON 5	Keypad
LESSON 6	FR Configurator2 Setup Software
LESSON 7	Basic Parameters Settings
LESSON 8	Advanced Parameters Settings
LESSON 9	PID Parameters Settings
LESSON 10	Troubleshooting
LESSON 11	PowerGate H Bypass Controller

