



LG Multi V Installation Essentials

Who should attend? Employees and sub-contractors of our Representative or Distributor partners who will be engaging in field installation of LG VRF equipment.

What you will learn: The manufacturer's guidelines for installing the piping and wiring systems connected to the indoor and outdoor LG Multi V air conditioning equipment.

How you will learn: This class begins with a brief introduction to LG Electronics followed by lectures about product installation (Emphasis is placed on piping and control wiring.) Consideration and discussions covering pre-commissioning tasks that must be completed before arranging for factory authorized startup and commissioning.

Class Topics

- Safety
- LG Products Overview
- Tools Required for Installation of LG Products
- Equipment Installation:
 - Typical order; your job will vary according to specific needs.
 - Each installation phase may be performed by the same or different crews.
- Pre-installation considerations
- Indoor Units
- Outdoor Units
- Indoor Units Heat Recovery Units
 - HR Systems only
- Refrigerant Piping
- Low Voltage (Control) Wiring
- High Voltage (Power) Wiring
- Controls (Zone/Central Controllers)
- Pressure Testing and Evacuation
- Pre-Commissioning
- Requesting Commissioning

Prerequisites:

- 1) *Advanced technical knowledge of commercial a/c, heat pump, and applied systems.*
- 2) *Basic working knowledge of Microsoft Office programs including Excel, Power Point and Word.*

What to bring to class:

- 1) *Laptop PC running Windows XP/NT/2000 or later, with a web browser of Internet Explorer 6.0 or higher with a minimum of Excel and Word installed. Power Point is also preferred.*