



LG Service 101/102

Who should attend? Anyone responsible for the service or start-up of LG VRF systems. Any Service Technician who has successfully completed the I.E. Class.

What you will learn: LG's main and sub Printed Circuit Boards. Enrollees will learn the part each component plays in a correctly operating LG Multi V™ system.

101 Class Topics

- Safety
- How to LGMV
- Install LGMV 8
- Setup Hard Lock Driver
- Dip Switch Settings
- Typical Values to watch
- Service/Troubleshooting Manual
- How to AC Smart
- Setting IP Address
- Launching Service Tool
- How to Update AC Smart Firmware
- How to Reset AC Smart Password
- How to CRC Thermostat
- Install Firmware Loader
- How to Update CRC Thermostat
- Function Codes

102 Class Topics

- Safety
- Pre Startup Paperwork • LATS As Built
- LG Pre Startup Checklist
- Model Serial Number List
- Photos of Pressure Check and Evacuation
- Approved Equipment Submittals (DMG Sales Member Provide)
- Mechanical Startup
- Communication Wiring Check
- HRU Dipswitch and Roto Dial
- Condenser Dip Switches
- Auto Address IDU (88)
- Hot gas Pipe Detection
- LGMV Data Capture
- Warranty Registration Documentation
- Documentation Check List
- LGMV Data Captures
- Sample Warranty Letter

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:

101

- Windows Based Laptop
- LGMV Module
- CAT 5/6 Cable
- USB Mini B (Android Phone Cable)

102

- Windows Based Laptop • LGMV Module
- Submittals
- LATS drawings
- LG Pre Startup Check List
- LG Model Serial Number worksheet
- JIS Screwdriver
- 1/4 and 5/16 nut driver
- Multi Meter
- HEX tools for opening King Valves (Metric)
- Crescent Wrench for opening Service Caps

