



COURSE CATALOG 2025-2026



Welcome to Havtech Learning Institute

Havtech is the Mid-Atlantic's largest and most experienced commercial HVAC equipment, building automation systems, service and energy solutions provider in Maryland and the metro DC region.

About Havtech Learning Institute

Havtech Learning Institute offers industry-leading training programs for heating, ventilating and air conditioning (HVAC) professionals, owner/operators, contractors, service technicians, building and systems engineers, designers, distributors, sales reps and internal employees. Whether receiving manufacturer training in-person or virtually, we will create a tailored syllabus to meet the needs of your team. Different courses are offered at each Sales Office. Please note the class locations under each course description in the following pages. Off-site classes held by special request.

Cancellation Policy

All payments are due upon registration and are non-refundable. However, if a student should need to cancel and reschedule their training, they may do so at no additional charge, as long as the change is made prior to the start of class. Name changes are also permitted at any time prior to the beginning of the class. Rescheduling and/or name changes will not be permitted after the class has begun.

All class dates are subject to change. Havtech reserves the right to cancel any class if the minimum enrollment requirement is not met or in the event of inclement weather or illness. All students will be alerted as early as possible in the event of a cancellation. The student may then either register for the next available date for the same course, or they may request a refund.

Private Classes

Private classes are also offered at Havtech. Courses can be structured based on your requests. To request a private class, please email training@havtech.com.

Registration

To register for an HLI course, please visit www.havtech.com/events. For additional questions or for more information on classes not listed in this catalog, please email training@havtech.com or call (301) 206-9225.



Table of Contents

	Duration	Code	Page
VRV/VRF			
Daikin Comfort VRV® Installation <i>featuring Emerion</i>	8 Hours	LI-VIVL1	6
Daikin Comfort VRV® Commissioning <i>featuring Emerion</i>	16 Hours	LI-VIV008	
Daikin Comfort VRV® Service & Troubleshooting	16 Hours	LI-VRVST2	7
Daikin VRV Owners Training	6 Hours	LI-VRVOP1	
Daikin Comfort intelligent Touch Manager (iTm)	16 Hours	LI-ITM008	8
Daikin Comfort Controls Integrator	8 Hours	LI-VRVCI08	9
Light Commercial Training			
Daikin Comfort Single/Multi-Zone Ductless Installation & Startup	8 Hours	LI-RIS008	12
Daikin Comfort Single/Multi-Zone Ductless Service & Troubleshooting	8 Hours	LI-RST008	
Daikin Comfort FIT Install & Commissioning	8 Hours	LI-DFITMI	13
Daikin Comfort FIT Service & Troubleshooting	8 Hours	LI- DFITMST	
Daikin Comfort Light Commercial Systems Install & Commissioning	8 Hours	LI-LCIC08	14
High Efficiency Facilities Maintenance	8 Hours	LI-HVACFM	
Applied			
Daikin Applied MicroTech III/Rebel	24 Hours	LI-MT3REB	15
Daikin Applied MicroTech 4/Rebel Applied	24 Hours	LI-MT4REB	16
Addison Technical Service Training	16 Hours	LI-ATST01	
Safety			
Low GWP (A2L) Refrigerant Training & Certification	8 Hours	LI-GWPA2L	18
Applications			
Daikin VRV® Local Design Workshops with WebXpress Guideline	8 Hours	LI-VRVDW	20
Professional Development			
Daikin Applied HVAC Systems Program	Self-paced	LI-DHVAC23	22
Price Industries Air Distribution Systems Program	Self-paced	LI-PRICE23	


Hands-On
Classroom


Virtual
Training

CLASS TYPE

VRV/VRF

Daikin VRV® Installation *featuring Emerion*

Course Code: LI-VIVL1

Description	Course covers the proper Installation practices for the Daikin VRV indoor and outdoor heat pump and heat recovery systems and accessories.
Target Audience	Design Build Mechanical Contractors, Installation Contractors, Technicians, Mechanics and Estimators
Duration	8 Hours
Prerequisites	None
Certification	No
Class Type	 



Daikin VRV® Commissioning *featuring Emerion*

Course Code: LI-VIV008

Description	Course covers the proper practices for the Daikin VRV equipment product line to include the pre-commissioning and System Commissioning Steps, set up of Selected Remote Controller and Outdoor Unit Field Settings, Outdoor Unit with Ducted Discharge Air & Indoor Units.
Target Audience	Mechanical Contractors, Installation Contractors, Technicians, Mechanics and Estimators
Duration	16 Hours
Prerequisites	Attend Daikin VRV Installation (LI-VIVL1) within the last 2 years
Certification	No
Class Type	 



Daikin VRV® Service & Troubleshooting

Course Code: LI-VRVST2

Description

Course covers how to properly service and troubleshoot the Daikin VRV system using the proper instruments and procedures.

Target Audience

VRV Service Technicians

Duration

16 Hours

Prerequisites

Attend Daikin VRV® Install (LI-VIVL1) and Daikin VRV® Commissioning (LI-VIV008) within the last 2 years

Certification

No

Class Type



BAL | WDC | PGH

Daikin VRV Owners Training

Course Code: LI-VRVOP1

Description

Training covers basic operation and control of Daikin VRV Systems from the facility engineers and owners/ property managers perspective. Topics include operation of VRV systems, control functions, routine maintenance, and basic troubleshooting. NOTE: This class is entry level and does not replace the Daikin factory training for VRV equipment.

Target Audience

Facility Managers, Owners, Building Engineers, Building Managers, Property Managers, Owners Operation Team

Duration

6 Hours

Prerequisites

None

Certification

Havtech Certificate of Completion

Class Type



BAL | WDC | PGH

Daikin intelligent Touch Manager (iTM) Commissioning

Course Code: LI-ITM008

Description

Students will understand and correctly describe the basic functionality and features of the intelligent Touch Manager (iTM) to include the iTM System Overview, its compatibility with Daikin and Field Supplied Equipment, and its Hardware Specifications. Students will understand and describe how to properly install and configure the iTM Plus Adapter following the DIII-NET wiring method.

Target Audience

Mechanical Contractors, Installation Contractors, Technicians, Mechanics

Duration

16 Hours

Prerequisites

Attend Daikin VRV Install (LI-VIVL1) and Daikin VRV Commissioning (LI-VIV008) within the last 2 years

Certification

No

Class Type



BAL | WDC | PGH

Daikin Controls Integrator

Course Code: LI-VRVCI08

Description	Course held by request only. Course covers the understanding and successful application and the proper methods for integrating the Daikin VRV control system.
Target Audience	Commissioning Technicians, BMS Integrators, VRV Service Technicians
Duration	8 Hours
Prerequisites	None
Certification	No
Class Type	

 BAL | WDC | PGH





Light Commercial Training

Daikin Single/Multi-Zone Ductless Install & Start Up

Course Code: LI-RIS008

Description	This course will cover the specific details on tools, controls, and procedures needed to properly install and start-up a Daikin Mini- Split System.
Target Audience	Mechanical Contractors, Installation Contractors, Technicians, Mechanics
Duration	8 Hours
Prerequisites	None
Certification	No
Class Type	

 BAL | WDC

Daikin Single/Multi-Zone Ductless Service & Troubleshooting

Course Code: LI-RIST008

Description	This course covers the operation and functionality of the components in a single and multi-port system and how to apply proper troubleshooting techniques utilizing specific tools and resources.
Target Audience	Mechanical Contractors, Installation Contractors, Technicians, Mechanics
Duration	8 Hours
Prerequisites	Attend Daikin Single/Multi-Zone Ductless Install & Startup (LI-RIS008) within the last 2 years
Certification	No
Class Type	

 BAL | WDC

Daikin FIT Install & Commissioning		Course Code: LI-DFITMIC	Daikin Comfort Light Commercial Systems Install & Commissioning		Course Code: LI-LCIC08
Description	Course covers the introduction, applications, and installation instructions for the Daikin FIT residential inverter air conditioning units. Topics covered are nomenclature, unit features, inverter technology and components, inverter benefits, boost mode, and indoor unit options. Also covered are commissioning procedures that include the ComfortNet installation and set-up, charge mode, start-up, and the required system test.		Description	This course covers the proper installation and commissioning of the Daikin Light Commercial Packaged and Split product lines including the DDC controller and additional accessories. This training is offered in-person only.	
Target Audience	Mechanical Contractors, Installation Contractors, Technicians, Mechanics		Target Audience	Mechanical Contractors, Installation Contractors, Technicians, Mechanics	
Duration	8 Hours		Duration	8 Hours	
Prerequisites	None		Prerequisites	None	
Certification	No		Certification	No	
Class Type	  BAL WDC		Class Type	  BAL WDC	
Daikin FIT Service & Troubleshooting		Course Code: LI-DFITMST	High Efficiency Facilities Maintenance		Course Code: LI-HVACFM
Description	This course covers the service and troubleshooting procedures for the Daikin FIT systems. <i>Limited Seats Available</i>		Description	HLI is providing a 1 Day Technical Training covering maintenance procedures and basic repairs to maintain high efficiency HVAC equipment, ensure optimum equipment operation, maintain proper comfort control, and increase equipment reliability.	
Target Audience	Mechanical Contractors, Installation Contractors, Technicians, Mechanics		Target Audience	Service Technicians, Facility Engineers, Mechanical Contractors, Maintenance Personnel	
Duration	8 Hours		Duration	8 Hours	
Prerequisites	Attend Daikin FIT Install & Commissioning (LI-DFITMIC) within the last 2 years		Prerequisites	None	
Certification	No		Certification	Havtech Certificate of Completion	
Class Type	  BAL WDC		Class Type	  BAL WDC PGH RIC TID ROA	



Applied

Daikin MicroTech 4/Rebel Applied

Course Code: LI-MT4REB

Description	This course will cover the fundamentals of Microtech 4 and Daikin Rebel Applied; providing an introduction into the Daikin Applied Microtech 4 controllers, and best practices for proper installation and service of Daikin Rebel Applied High Efficiency rooftop units.		
Target Audience	Design Build Mechanical Contractors, Installation Contractors, Technicians, and Mechanics		
Duration	24 Hours		
Prerequisites	None		
Certification	No		
Class Type			

 BAL | WDC | PGH | RIC | TID | ROA

Daikin MicroTech III/Rebel

Course Code: LI-MT3REB

Description	This course will cover the fundamentals of MicroTech III and Daikin Rebel; providing an introduction into the Daikin Applied MicroTech III controllers, and best practices for proper installation and service of Daikin Rebel High Efficiency rooftop units.		
Target Audience	Design Build Mechanical Contractors, Installation Contractors, Technicians, and Mechanics		
Duration	24 Hours		
Prerequisites	None		
Certification	No		
Class Type			

 BAL | WDC | PGH | RIC | TID | ROA

Addison Technical Service Training

Course Code: LI-ATST01

Description	HLI is providing a 2 Day Technical Service Training for product knowledge and background in Addison HVAC equipment, equipment operation, controls, and proper service. This training course includes lectures, demonstration, and hands-on experience with Addison controls.		
Target Audience	Service Technicians, Facility Engineers, Commissioning Professionals, Mechanical Contractors		
Duration	16 Hours		
Prerequisites	None		
Certification	Havech Certificate of Completion		
Class Type			

 BAL | WDC | PGH | RIC | TID | ROA

Safety

Low GWP (A2L) Refrigerant Training & Certification

Course Code: LI-GWPA2L

Description	HLI will be utilizing the ESCO Institute Low GWP Training Material and Administering the A2L Certification test following the training. This course covers: General flammable refrigerant safety knowledge, core ACR knowledge, flammable system service safety, flammable system installation safety, flammable refrigerant transportation and handling safety.
Target Audience	Any individual engaging in the installation, maintenance, service, repair, or disposal of HVAC equipment utilizing A2L refrigerants.
Duration	8 Hours
Prerequisites	None
Certification	Yes
Class Type	

 BAL | WDC | PGH | RIC | TID | ROA



Applications

Daikin VRV® Local Design Workshops with WebXpress Guideline

Course Code: LI-VRVDW

Description	Course provides a comprehensive introduction to the VRV concept and an insight into the optimized design and application of VRV Systems including an overview of the features and benefits of the VRV system and its main components, Key factors that ensure optimized equipment design & selection, how to use the VRV WEB-Xpress selection tool, ad ‘Hands on’ project design and equipment selection.
Target Audience	Engineers, Architects, Design Build Mechanical Contractors, Installation Contractors
Duration	8 Hours
Prerequisites	Attendees should have a foundational understanding of Daikin VRV® technology and application. Attendees should have a general understanding of Daikin City and the WebXpress selection program is ideal but is not a requirement.
Certification	No
Class Type	

 BAL | WDC | PGH

Professional Development

Daikin Applied HVAC Systems Program

Course Code: LI-DHVAC23

Course Description	The Daikin HVAC Systems Program combines the knowledge and experience of Daikin’s Principles of HVAC, Principles of Air Systems Design, Principles of Refrigeration, Principles of Chiller Plant Design, and Building Systems classes into one comprehensive program that uses a blended learning approach. This blended learning approach utilizes both VIRTUAL INSTRUCTOR LEAD (VILT) and SELF-DIRECTED methods to provide flexibility to complete the program, within the allotted time frame. This program is geared towards those new to the industry, as well as intended to be a refresher series for those who already have some HVAC knowledge.
Target Audience	Engineers, Architects, Design Build Mechanical Contractors, Installation Contractors
Duration	Self-paced
Prerequisites	None
Certification	No
Class Type	

 BAL | WDC | PGH | RIC | TID | ROA

Price Industries Air Distribution Systems Program

Course Code: LI-PRICE23

Course Description	Price Industries and Havtech are partnering to offer courses and learning resources to broaden HVAC expertise, focused on air distribution principles and technology – topics include: Air Distribution Overview; Grilles, Registers, & Diffusers; Terminal Units. This program is geared towards those new to the industry, as well as intended to be a refresher series for those who already have some Air Distribution HVAC knowledge.
Target Audience	Engineers, Building Operators, Mechanical Contractors, Sheet Metal Contractors
Duration	Self-paced
Prerequisites	None
Certification	No
Class Type	

 BAL | WDC | PGH

