

JOHNSON CONTROLS - HITACHI VRF & DUCTLESS TRAINING

- VRF Installation • VRF Commissioning • Mini VRF Install & Commissioning •
- Mini Split System Install & Startup • VRF Controls •
- Online VRF Installation • VRF Service •

Cooling & Heating

Variable refrigerant flow (VRF) as an HVAC solution is growing rapidly in North America as businesses and homeowners recognize VRF's advantages – long known in Europe and Asia – like delivering just the right heating and cooling to every space, using the bare minimum of energy.

Those are the kind of real-world solutions and savings that your customers count on you to deliver. Gain the knowledge you need to stay at the forefront of HVAC technology with hands-on training at Johnson Controls' state-of-the-art training center near Dallas, TX.

These in-depth courses cover everything from designing VRF systems to installation, and even diagnostics with instructors who are VRF specialists that willingly share their knowledge and are more than capable of answering the tough questions.

About the Johnson Controls Training Center

Our world-class VRF training centers offer comprehensive training programs that provide the knowledge and skills necessary to effectively and efficiently deploy VRF technology.

The training centers include dedicated laboratories to provide hands-on experiences with various systems, components and controls to refresh and enhance the skills of your sales, design, installation, and service teams.

The Dallas HQ Training classes are held at:

8304 Esters Blvd. Suite 810

Irving, Texas 75063

The Dallas VRF & Ductless North American Headquarters is about 5 minutes from the Dallas-Fort Worth airport and near a number of hotels and restaurants.

The JADEC VRF & Ductless Training facility is located at:

5000 Renaissance Drive New Freedom, PA 17349

JADEC / BLDG 2

The JADEC VRF Training Center is about an hour from BWI and near a number of hotels and restaurants.

Click [here](#) to register for training, or visit: training.vrfpro.com from any device.

We look forward to seeing you in class!

“If you're interested in learning more about the intricacies of variable refrigerant flow (VRF) technology, you may want to book a trip to Dallas.”

ACHR News, November 23, 2015



North American VRF & Ductless Headquarters



JADEC VRF Training Facility

VRF Installation

Required to qualify your company to properly install JCI VRF products and accessories.

Completing this course will qualify your system for warranty.

After completing this training, along with passing the assessment, the customer will be certified to install our Hitachi, or York VRF equipment/Systems.

Please note that this training is not a substitute for VRF Commissioning training and does not certify, nor qualify the individual to Startup, or Commission Hitachi or York VRF equipment/Systems.

Who should attend: Sales professionals (branch, distributor and contractor, architects, consulting engineers, mechanical contractors, reps/agents and other professionals involved in the design, selection and/or installation of VRF systems. While some professionals may not be required to attend this course, the knowledge obtained provides a valuable understanding of the installation requirements and knowledge of overall system operation.

What you'll learn: Acquire the knowledge and practical experience to properly install JCI VRF equipment This instructor-led class which includes hands-on exercises.

Locations: Any authorized JCI VRF training facility or local/on-site by request

Course Length Course: 8 hours

Prerequisites: None

Course Fees \$95 per attendee (local/on-site training costs will be negotiated)

Location: Offered at approved JCI NA VRF facilities only

Note: This course is warranty registration requirement

VRF Commissioning

Required for mechanical contractors that wants to commission and properly service JCH VRF equipment.

Completing this course also qualifies the equipment for an extended warranty. VRF contractors are required to have at least one individual from their company attend the installation and commissioning training program, and maintain the certification with renewals.

Who should attend Mechanical contractors, project managers, controls technicians, service technicians, and commissioning agents.

What you'll learn Acquire hands-on experience with local VRF control systems with the knowledge to utilize options that provide maximum performance and efficiency from the system

Learn to effectively use the advanced JCH VRF Service Checker tool to record operational data which is a commissioning requirement as well as using it a diagnostic tool for troubleshooting VRF Systems.

Learn to confidently read and interpret trouble codes by using live, as well as recorded operational data.

Course Length 16 hours

Prerequisites VRF Installation

Course Fees \$95 per attendee

Location: Offered at approved JCH NA VRF facilities only

Note: This course is an extended warranty requirement

VRF Online Installation

In lieu of the classroom course, you can complete this course which will qualify your system for warranty.

This course is a basic installation course designed to allow our customers to attend much-needed training around their busy schedules. After completing this training, along with passing the assessment, the customer will be certified to install our Hitachi, or York VRF equipment/Systems.

Please note that this training is not a substitute for VRF Commissioning training and does not certify, nor qualify the individual to Startup, or Commission Hitachi or York VRF equipment/Systems.

Who should attend	Mechanical contractors, project managers, controls technicians, service technicians, and commissioning agents who desire training based on their busy schedules.
What you'll learn	VRF Installation specific installation guidelines, piping best practices, and more!
Course Length	Stop and continue on your pace!
Prerequisites	None
Course Fees	Free!
Location:	Online
Note:	This course is warranty registration requirement

Mini VRF Installation and Commissioning

A must for mechanical contractors that want to install JCH Mini VRF equipment

Who should attend	Mechanical contractors, installation personnel, building maintenance personnel, project managers, and control technicians
What you'll learn	Learn the proper procedure to install, startup, test and commission JCI Mini VRF Systems in this instructor led class that includes hands-on experiences. The attendee will learn to configure local controllers, make all unit settings, along with correct piping installation using best practices teaching techniques.
Course Length	16 hours
Prerequisites	None
Course Fees	\$95 per attendee
Location:	Offered at approved JCH NA VRF facilities only

Ductless Mini Split

A must for mechanical contractors that want to install JCH Mini Split equipment

Who should attend Mechanical contractors, installation personnel, building maintenance personnel, project managers, and control technicians

What you'll learn Learn the proper procedure to install, startup, test and commission JCI Mini split Systems in this instructor led class that includes hands-on experiences. The attendee will learn to configure local controllers, make all unit settings, along with correct piping installation using best practices.

Course Length Course 8 hours
Prerequisites None
Course Fees \$95 per attendee
Location: Offered at approved JHI NA VRF facilities only

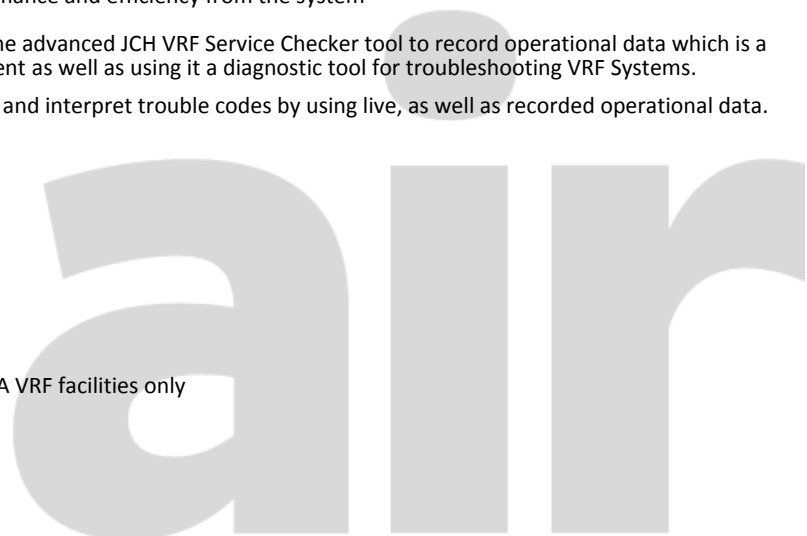
JCI-Hitachi VRF Service

A must for HVAC mechanical contractors, or maintenance personnel that want learn to diagnose and repair York, and Hitachi VRF systems.

Who should attend: Mechanical contractors, project managers, controls technicians, service technicians, commissioning agents, or anyone who wants to polish up their current VRF skills.

What you'll learn: Acquire hands-on experience with local VRF control systems with the knowledge to utilize options that provide maximum performance and efficiency from the system
 Learn to effectively use the advanced JCH VRF Service Checker tool to record operational data which is a commissioning requirement as well as using it a diagnostic tool for troubleshooting VRF Systems.
 Learn to confidently read and interpret trouble codes by using live, as well as recorded operational data.

Course Length : 16 hours
Prerequisites: VRF Installation
Course Fees: \$95 per attendee
Location: Offered at approved JCH NA VRF facilities only



JCI-Hitachi VRF Controls

A must for HVAC mechanical contractors, or maintenance personnel that want learn to operate York, and Hitachi VRF systems.

Who should attend: Mechanical contractors, project managers, controls technicians, service technicians, commissioning agents, or anyone who wants to polish up their current skills.

What you'll learn: Acquire hands-on experience with VRF control systems with the knowledge to utilize options that provide maximum performance and efficiency from the system

Learn to effectively set up and commission VRF controls offerings with a Hands-on approach

Course Length : 8 hours

Prerequisites: VRF Installation

Course Fees: \$95 per attendee

Location: Offered at approved JCH NA VRF facilities, by request only

Cooling & Heating

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