



Raising standards
and developing
expertise



Distributors Training Catalogue

April 2021 - March 2022

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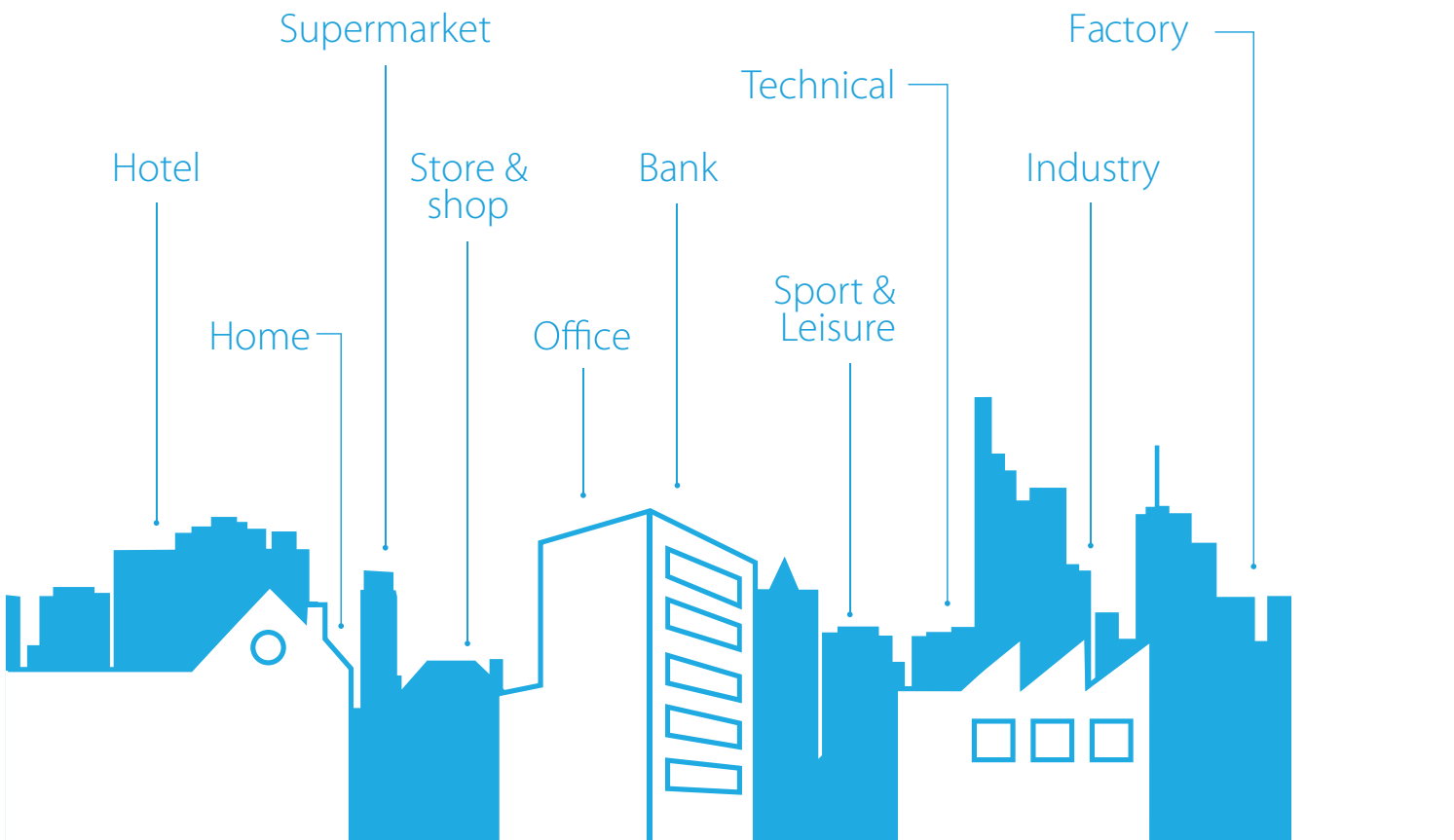


Welcome

The world's most prestigious companies look to Daikin products and systems to deliver engineered solutions for any project.

No matter what building type, Daikin has the right products, applications, expertise and responsive support to fill all your HVAC requirements. Daikin Middle East and Africa, with headquarters in Dubai, is the regional arm of Daikin Industries and is responsible for promoting, selling, and providing after-market support for the full range of air conditioning products available in GCC, Middle East and Africa.

Our company is multi-cultural, fast growing and dynamic. We have built a unique work environment, strengthened by 3 core values: **Absolute Credibility, Enterprising Management and Harmonious Personal Relationships.**



General Information

Achieving the maximum returns from these trainings relies on determining the appropriate course for your career objectives. This begins with carefully evaluating the course content and identifying what best matches your requirements.

Class sizes are limited, hence, confirmations will be provided based on chronological order of registrations. All trainings are held at the Daikin MEA Training Center at Jebel Ali Freezone, Dubai, UAE.

Hence, to avoid the risk of Corona Virus and still attend training at the same time, Daikin MEA is proud to release its new interactive, convenient and effective way of delivering our trainings through online trainings until further notice.

Training Location

Daikin Academy (Middle East & Africa). Refer to page 60.

Registration

To attend a course listed in this training catalogue, please complete the enrollment form (on page 59) and e-mail it to your Sales Responsible and to academy@daikinmea.com. You may also register online through:

https://daikin.formstack.com/forms/trainingsubscription_copy

Payment

Payment is required in advance of the training course. Payment can be made through:

- » Purchase orders to be registered for enrollment, but payment is due prior to the start of class
- » Total tuition fee includes hotel accommodation, local transportation between training center and
- » Traveller air ticket and visa (if requested from hotel) shall be a part of attendees scope
- » Disclaimer: This is applicable for trainings that are held at the Daikin MEA Training Center only.

Confirmation

Confirmation of enrollment along with hotel and travel information will be sent to the student(s) within five working days after receipt of your paid application. Should you fail to receive an enrollment confirmation letter within two weeks prior to the start of class, contact us to make sure that we have received your application.

Upon receipt of your confirmation, please check it carefully and contact us through academy@daikinmea.com for any discrepancies.

Disclaimer: This is applicable for trainings that are held at the Daikin MEA Training Center only. For online trainings, you just need to register and inform us about the training you want to join and by providing us your email address and we will send you the link on how to join the session.

Course Schedule

Classes begin at 9:30AM and run until 5:30PM. Travel arrangements must be made to accommodate this schedule. Applicable for Daikin MEA Training Center trainings only.

Cancellation Policy

Daikin Academy reserves the right to make changes or cancel the course in case the number of students are less than 6. Attendees will be notified by phone and by e-mail.

Assessment

At the end of the course, the student's learning outcomes will be determined by a graded test. Applicable for Daikin MEA Training Center trainings only.

Training Materials & Certificates

Students attending the training will receive soft copies of the materials. Certificates of attendance will be provided upon successful completion of the course. Training materials & Certificates" : This is applicable for Daikin MEA Training Center trainings only. For Online trainings, Material provided is Training course recording & presentation at the end of each training.

Hotel Information & Arrangements

Hotel, with Daikin preferred rates (3-star), will be arranged upon the class' registration confirmation. Students will be provided with transportation to and from the training center. Applicable for Daikin MEA Training Center trainings only .

Travel Schedule

Students shall provide accurate flight schedules and passport details at least 3 weeks prior to the travel date for necessary arrangements of hotel and airport transfers. Applicable for Daikin MEA Training Center trainings only.

Refreshment

Lunch and free flowing coffee and tea throughout the class will be provided. Applicable for Daikin MEA Training Center trainings only.

Gate Pass Permit

A gate pass will be provided to every student prior to the day of the training. Students must print a copy of the Gate Pass and bring necessary identification like Emirates ID, passport, or work permit, to be presented at the JAFZA gate. Location map is provided on Page 57. Applicable for Daikin MEA Training Center trainings only.

Contact Details

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Training Course Schedule

Recommended for ANYONE associated with HVAC industry

Date	Training Course	Length	Type
Upon Request	Applied Service Training - Air Cooled with Inverter Screw Compressor	TBA	Online
Upon Request	Applied Service Training - Air Cooled Standard Screw Chiller (Non Inverter)	TBA	Online
Upon Request	Chiller Installation Training	TBA	Online
Upon Request	Applied Service Training - Magnetic Bearings Centrifugal	TBA	Online
Sept 13-15, 2021	Applied Service Training - Centrifugal Chillers	TBA	Online
Sept 27-29, 2021	Applied Service Training - Heat Pump Multipurpose Screw (EWYD-4Z)	TBA	Online
Oct 04-06, 2021	Applied Service Training - Scroll Chiller and Heat Pump	TBA	Online
Oct 11-13, 2021	Applied Training on Chilled Water Distribution & Systems (Primary / Secondary / VPF, District Cooling, MCP, Energy Thermal Storage water / ice)	TBA	Online
Oct 26-27, 2021	Applied Service Training - Centrifugal + Screw	TBA	Online
Upon Request	Applied Solution Sales, Applications & Positioning (Chillers)	TBA	Online
Upon Request	Applied Solution Sales, Applications & Positioning (AHU/FCU) - Service Sales	TBA	Online
Upon Request	Chilled water systems and Controls (Energy efficiency tools)	TBA	Online
Upon Request	Applied Solution Sales, Applications & Positioning (AHU/FCU) - UAE Dealers/ GCC Distributors	TBA	Online
Upon Request	Applied Solution Sales, Applications & Positioning (AHU/FCU) - Africa Distributors	TBA	Online

APPLIED / MCP

Training Course Schedule

Recommended for ANYONE associated with HVAC industry

	Date	Training Course	Length	Type
CONTROLS	Upon Request	I-Touch Manager II Fundamentals	TBA	Online
	Oct 07,2021	VRV Centralized Interfaces (BACnet/Modbus/Lonworks)	TBA	Online
	Oct 28,2021	Home Automation Interfaces (RTD/KNX/BAG/NETPRO) - VRV/DX	TBA	Online
DX	Sep 08,2021	DX Inverter Unit _ Service course HA _ GTHT- TV16XZ	TBA	Online
	Sep 09,2021	DX Inverter Unit _ Service course HA _ FTKM-PVMK	TBA	Online
	Sep 15,2021	DX Multi Inverter Unit _ Service course SA _ MXM- M3V1B9	TBA	Online
	Sep 16,2021	DX Inverter Unit _ Service course SA _ FTKF- TVMUZK	TBA	Online
	Sep 28-29,2021	VRV/DX - Intensive Training for New Engineers	TBA	Online
ENERGY EFFICIENCY IMPACT	Sep 28,2021	Air-conditioning Solutions to Achieve Sustainable Development (Combine w/ DX Inverter product training)	TBA	Online
HEATING	Upon Request	Designing Domestic Hot Water Heating with Heat pumps	TBA	Online
	Upon Request	Altherma LT _Service Course	TBA	Online
	Upon Request	Altherma HT_ Service Course	TBA	Online
HVAC	Upon Request	HVAC Foundation	TBA	Online
	Jul 06,2021	HVAC System Design	TBA	Online
	Jul 13,2021	Introduction to HVAC for Non-Technical	TBA	Online
	Aug 17,2021	New Age Refrigerants & Bluevolution	TBA	Online

Training Course Schedule

Recommended for ANYONE associated with HVAC industry

	Date	Training Course	Length	Type
MCP	Aug 24,2021	Pre Commissioning & Commissioning Procedure of MCP	TBA	Online
	Sep 21,2021	Pre Commissioning & Commissioning Procedure of MCP	TBA	Online
PA	Jul 21,2021	Package Unit _ Service course High Ambient (UATQ-CGXY1)	TBA	Online
REFRIGERATION	Upon Request	AHT- Supermarket Cabinet _Service Course	TBA	Online
	Upon Request	Principles of Refrigeration & Daikin Refrigeration Offering	TBA	Online
	Upon Request	Zanotti Refrigeration - Monoblock _Service Course	TBA	Online
SKY Air	Aug 12,2021	SkyAir Inverter Unit _ Service course SA _ RZASG- M7V1B	TBA	Online
	Aug 31,2021	SkyAir NON Inverter Unit _ Service course SA _ RR- AV/Y1K	TBA	Online
VRV	April 07-08, 2021	VRV 4+ HP_ SA/HA Service Course	TBA	Online
	Jul 15,2021	VRV 4 Heat Recovery_ Service Course	TBA	Online
	Aug 31,2021	Practical Airconditioning for Non Field Engineers	TBA	Online
	Sep 14-15,2021	VRV Solution Sales & Positioning	TBA	Online
	Dec 07,2021	VRV 4+ HP_ HA Commissioning & Basic Troubleshooting Course	TBA	Online
	Jan 06-07, 2022	VRV 4S _ Service Course	TBA	Online
	Jan 25,2021	VRV 4+ HP_ HA Installation Course	TBA	Online
	Jan 27-29,2021	VRV 4 Water cooled Service Course	TBA	Online
	Feb 10,2021	F(A)HU with VRV condensing Unit	TBA	Online
	Upon Request	Condensing Unit (AHU/FAHU + ERAD & FAHU/AHU + RCP & FAHU/AHU + RCS)	TBA	Online
ADDITIONAL	Upon Request	Condensing Unit (AHU/FAHU + ERAD & FAHU/AHU + RCP & FAHU/AHU + RCS)	TBA	Online

Applied Service Training (Air Cooled with Inverter Screw Compressor)

Recommended for Technicians and Service Engineers

The Inverter Air cooled screw chiller training is designed to provide basic classroom instruction, demonstrations, and hands-on exercises familiarize the students with the product features of Daikin's air cooled screw chiller products.

Eligibility:

Subject to pre-qualification, any dealer involved in service and maintenance of screw chillers is eligible to send qualified technicians and engineers to this course. The trainee should have a good working knowledge of the refrigerant cycle, power and control circuitry, and be skilled in the use of standard service tools and electrical meters.



Course Overview:

- » Inverter basics
- » Basic cycle of air cooled chillers
- » Pre-commissioning checks and start-up precautions
- » Learn to read electric schematics
- » Screw compressor design and components
- » Oil, refrigerant and economizer systems
- » Micro Tech® III microprocessor control system for EWAD



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

May 23-24, 2021

Materials Provided

Training course recording & presentation

Applied Service Training (Non-Inverter Air Cooled Standard Screw Chiller)

Recommended for Technicians, Installers and Service Engineers

The air cooled screw chiller training course is an intensive three-day training designed to provide basic classroom instruction, demonstrations and hands-on exercises for students to familiarize themselves with the product features, operation, and maintenance and service requirements of Daikin's screw chiller products. The practical exercises is aimed at enhancing technicians and engineers' knowledge on good service and electrical trouble shooting practices to properly service and maintain Daikin's screw chillers, especially the EWAD series and the related MicroTech III control systems.

Eligibility:

Subject to pre-qualification, any dealer involved in service and maintenance of screw chillers is eligible to send qualified technicians and engineers to this course. The trainee should have a good working knowledge of the refrigerant cycle, power and control circuitry, and be skilled in the use of standard service tools and electrical meters.



Course Overview:

- » Basic cycle of air cooled chillers
- » Reading schematics
- » Screw compressor design and components
- » Oil, refrigerant and economizer systems
- » Electrical systems
- » Micro Tech® III microprocessor control system for EWAD
- » Electronic expansion valve
- » Solid-state starters
- » Pre-startup and commissioning activities of screw chillers
 - General maintenance and service
 - Evacuation procedures
 - Refrigerant & oil charging procedures
 - Air-cooled DX evaporator theory
 - Flooded evaporator theory



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

May 30-31, 2021

Materials Provided

Training course recording & presentation



Chiller Installation Training

Recommended for Installation Contractors, Commissioning Technicians

The Chiller Installation training is designed to provide basic classroom instruction, demonstrations, and hands-on exercises to familiarize the students with the product features and installation techniques for Daikin's chiller products.

Eligibility:

Any dealer involved in the installation of Screw and Centrifugal chillers is eligible to send qualified technicians and engineers to this course. The trainee should have basic knowledge of chiller operations and maintenance.



Course Overview:

- » Installation of chillers
- » Water piping
- » Flushing of water side
- » Pre-requisites for chiller commissioning
- » Power and control cabling and terminations



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

June 07, 2021

Materials Provided

Training course recording & presentation

Applied Service Training (Magnetic Bearing Centrifugal)

Recommended for Technicians and Service Engineers with at least 5 years of experience with handling centrifugal chillers

This centrifugal oil-free chiller training is designed to provide basic classroom instruction, demonstrations, and hands-on exercises familiarize the students with the product features of Daikin's chiller products.

Eligibility:

Service dealers involved in the service and maintenance of centrifugal chillers are eligible to send qualified technicians and engineers to this course. The trainee should have at least 5 years of field experience in maintenance and troubleshooting of centrifugal chillers. The trainee should have a good working knowledge of the refrigerant cycle, power and control circuitry of chillers, and be skilled in the use of standard service tools and electrical meters.



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon request

Materials Provided

Training course recording & presentation



Course Overview:

- » Definition and analysis of basic refrigeration cycle of water chillers
- » Design and operation of magnetic bearing chillers with VFD compressor
- » Purpose and function of WMC part-load-balance valves
- » Description of the hardware for the WMC control system
- » Compressor monitor software interface (computers recommended with Windows XP or later)
- » MicroTech® II controls
- » Flooded evaporator with EXV control
- » Operational data using MT II trends and log sheets
- » Compressor & diagnostics
- » Magnetic compressor bearing calibration
- » WMC chiller maintenance

Applied Service Training (Centrifugal Chillers)

Recommended for Technicians, Installers and Service Engineers

The Centrifugal Chiller Service Course is an intensive two-day training designed to teach the maintenance technician and building engineer how to maintain, operate, troubleshoot, and analyze the performance and operating problems of standard, non-magnetic Daikin Centrifugal Chillers. This training also includes the Micro Tech® control platforms and discussions on content of activities performed during pre-startup and commissioning of centrifugal chillers.

Eligibility:

Subject to pre-qualification, any distributor doing installation, maintenance and operation of centrifugal chillers is eligible to send qualified technicians and engineers to this course. The trainee should have a good working knowledge of the refrigerant cycle, power and control circuitry, and be skilled in the use of standard service tools and electrical meters.



Course Overview:

- » Orientation on Daikin After Sales Service
- » Basic facts and definitions
- » Basic cycle of water cooled chillers
- » Introduction on Daikin's centrifugal chillers
- » Centrifugal compressor lubrication and vane system
- » Components of MicroTech control panels
- » Components of centrifugal chillers starters
- » VFD Starters & Wye Delta starters
- » Solid state starters
- » Chiller operation and general maintenance



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sept 13-15, 2021

Materials Provided

Training course recording & presentation



Applied Service Training (Heat Pump Multi-Purpose Screw (EWYD-4Z))

Recommended for Technicians and Service Engineers

This chiller training is designed to provide basic classroom instruction, demonstrations, and hands-on exercises familiarize the students with the product features of Daikin's heat pump screw chiller products.

Eligibility:

Technicians and engineers involved in the service and maintenance of screw chillers are eligible to attend this course. The trainee should have a good working knowledge of the refrigerant cycle, power and control circuitry of chillers, and be skilled in the use of standard service tools and electrical meters.



Course Overview:

- » Basic cycle of heat pump chillers
- » Pre-commissioning checks and start-up precautions
- » Reading electric schematic
- » Heat pump parameters
- » Water flow and quality
- » Screw compressor design and components
- » Oil, refrigerant and economizer systems
- » Electrical panel
- » Micro Tech® III microprocessor control system for EWYD-4Z



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sept 27-29, 2021

Materials Provided

Training course recording & presentation



Applied Service Training (Scroll Chiller and Heat Pump)

Recommended for Technicians and Service Engineers

This chiller training is designed to provide basic classroom instruction, demonstrations, and hands-on exercises familiarize the students with the product features of Daikin's heat pump and scroll chiller products.

Eligibility:

Subject to pre-qualification, any distributor doing installation, maintenance and operation of centrifugal chillers is eligible to send qualified technicians and engineers to this course. The trainee should have a good working knowledge of the refrigerant cycle, power and control circuitry, and be skilled in the use of standard service tools and electrical meters.



Course Overview:

- » Basic cycle of heat pump chillers
- » Pre-commissioning checks and start-up precautions
- » Reading electric schematic
- » Scroll compressor design and components
- » Electrical panel
- » Micro Tech® III microprocessor control system for EWYD-4Z



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Oct 04-06, 2021

Materials Provided

Training course recording & presentation

Applied Training on Chilled Water Distribution & Systems (Primary / Secondary / VPF, District Cooling, MCP, Energy Thermal Storage Water / Ice)

Recommended for Technicians and Service Engineers with at least 5 years of experience with handling centrifugal chillers

This training is designed to provide basic classroom instruction, demonstrations, and hands-on exercises familiarize the students with the product features of Daikin's chiller products.

Eligibility:

Service dealers involved in the service and maintenance of centrifugal chillers are eligible to send qualified technicians and engineers to this course. The trainee should have a good working knowledge of the refrigerant cycle, power and control circuitry of chillers, and be skilled in the use of standard service tools and electrical meters.



Course Overview:

- » About pump design and selection
- » Assessment of building load profiles affecting chiller plant design
- » Chiller plant design, operation and control, including constant and variable-flow systems
- » Identifying low temperature differential (ΔT) issues across the evaporator and its solutions
- » Analysis of chiller plant optimization for energy efficiency
- » Determining appropriate systems for different applications



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Duration

3 Days

Materials Provided

Training course recording & presentation

Applied Service Training - Centrifugal + Screw

Recommended for Technicians and Service Engineers with at least 5 years of experience with handling centrifugal chillers

The Centrifugal Chiller Maintenance and Operation Course is designed to teach the maintenance technician and building engineer how to maintain, operate, trouble shoot, and analyze performance of standard, non-magnetic Daikin centrifugal chillers.

CENTRIFUGAL CHILLER CONTROL TRAINING INCLUDES THE MICROTECH CONTROL SYSTEM AND THE MICROTECH® II CONTROL SYSTEM.

Class Pre-requisites:

To get the most from the course, the student should have an understanding of the refrigeration cycle, basic electrical power and simple air conditioning control circuits. The course will use these basic concepts to develop an understanding of the McQuay selfcontained product.



Key Takeaways

In this course, students will learn:

- The basic cycle of air and water-cooled chillers
- Centrifugal compressor theory
- Components of MicroTech® control panels
- Components of centrifugal chiller starters
- Control circuit analysis
- MicroTech® system software and operation
- Lubrication, vane system, cooling towers & system performance analysis
- Refrigerant charging procedures
- Solid-State Starters
- Centrifugal chiller VFD



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Oct 26, 2021

Materials Provided

Training course recording & presentation

Applied Solution Sales Applications and Positioning (Chillers)

Recommended for Application, Project Sales and Consulting Sales Engineers

The Applied Chillers Course is an intensive two-day training designed to provide basic classroom instructions and demonstrations for students to familiarize themselves with the different product ranges, core technologies and related efficiency classes to accurately identify market positioning and promote the USPs for each technology.



Course Overview:

- » Pressure-enthalpy chart fundamentals and applications
- » Refrigerant types and market overview
- » Overview of range, advantages, market positioning and USPs of screw compressor chillers (fixed speed & variable speed)
- » Overview of range, advantages, market positioning and USPs of centrifugal compressor chillers
- » Non-standard and customized chiller options
- » Preparing chiller compliance statements
- » Costing programs and order forms
- » Selection programs for air cooled and water cooled chillers



Course Details

Instructor

Applied SBU (Chillers)

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation

Applied Solution Sales, Applications and Positioning (AHU/FCU) for Service Sales

Recommended for Application and Project Sales Engineers

The Applied Airside Course is an intensive two-day training course designed to provide basic classroom instructions demonstrations, and hands-on exercises designed to familiarize the students with AHU selection, product features, costing, compliance statements and specifications of airside products.



Course Overview:

- » AHU, FAHU, FCU product offerings for the GCC market
- » Market overview and competitor analysis
- » Energy saving concepts and implementation (heat wheels, plate HE)
- » Applicable certifications (Eurovent, AHRI) and comparative review
- » Selection programs for AHU, FAHU, & FCU
- » Preparing compliance statements
- » Costing programs and order forms
- » Non-standard and customized chiller options
- » Daikin UAE Factory tour



Course Details

Instructor

Applied SBU (Chillers)

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation



Chilled Water Systems and Controls (Energy Efficiency Tools)

Recommended for Application, Project Sales and Consulting Sales Engineers

This chilled water systems course is designed for students with pre-existing knowledge of chillers (screw and centrifugal). It aims to provide basic classroom instructions, schematics and demonstrations, to familiarize students with the optimization of the system, involving the main components found on a chilled water plant and related control logics.



Course Overview:

- » Overview of chilled water distribution systems (primary-secondary & variable primary flow systems)
- » Typical design parameters and plant architecture for district cooling plants (DCP)
- » Fundamentals of energy storage systems (thermal water & ice)
- » Fundamentals of cooling towers, radiators and respective system efficiency
- » Modular chiller plants (MCP): Daikin solutions and specifications
- » Energy efficiency tools: demonstration and applications, chilled water plant efficiency, comparison between different systems, electricity and water consumption.
- » Controls: chiller plant control, chillers sequencing in multi-chillers plant system, logic to control different ancillaries (pump, valve & cooling tower, etc.)



Course Details

Instructor

Applied SBU + Arvind Kumar (Controls)

Course Location

Online

Course Duration

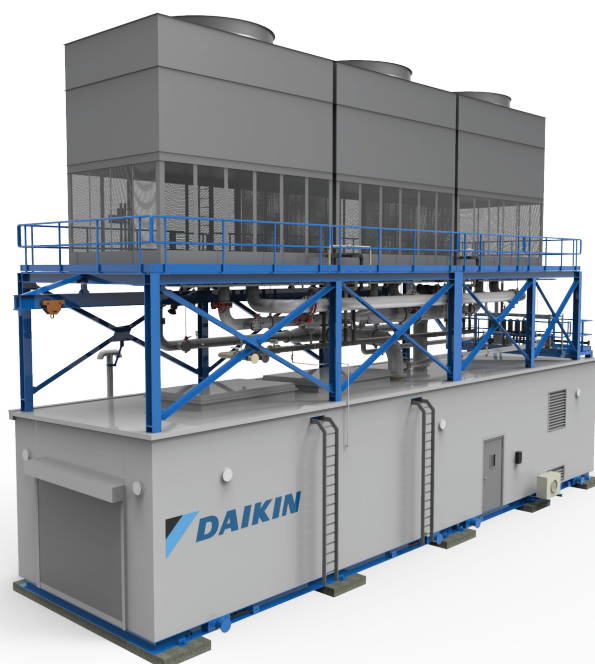
Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation



Applied Solution Sales, Applications and Positioning (AHU/FCU) for UAE Dealers/ GCC Distributors

Recommended for Application, Sales and Consulting Sales Engineers

The Applied Airside Course is an intensive two-day training course designed to provide basic classroom instructions demonstrations, and hands-on exercises designed to familiarize the students with AHU selection, product features, costing, compliance statements and specifications of airside products.



Course Overview:

- » AHU, FAHU, FCU product offerings for the GCC market
- » Market overview and competitor analysis
- » Energy saving concepts and implementation (heat wheels, plate HE)
- » Applicable certifications (Eurovent, AHRI) and comparative review
- » Selection programs for AHU, FAHU, & FCU
- » Preparing compliance statements
- » Costing programs and order forms
- » Non-standard and customized chiller options
- » Daikin UAE Factory tour



Course Details

Instructor

Applied SBU (Air Side)

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation

Applied Solution Sales, Applications and Positioning (AHU/FCU) for Africa Distributors

Recommended for Application, Sales and Consulting Sales Engineers

The Applied Airside Course is an intensive two-day training course designed to provide basic classroom instructions demonstrations, and hands-on exercises designed to familiarize the students with AHU selection, product features, costing, compliance statements and specifications of airside products.



Course Overview:

- » AHU, FAHU, FCU product offerings for the GCC market
- » Market overview and competitor analysis
- » Energy saving concepts and implementation (heat wheels, plate HE)
- » Applicable certifications (Eurovent, AHRI) and comparative review
- » Selection programs for AHU, FAHU, & FCU
- » Preparing compliance statements
- » Costing programs and order forms
- » Non-standard and customized chiller options
- » Daikin UAE Factory tour



Course Details

Instructor

Applied SBU (Chillers)

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation

I-Touch Manager II Fundamentals

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » DCM601A51
- » DCM601A52

Class Prerequisites:

- » This program is intended for technicians who have basic knowledge of electronics.
- » Basic D3 compatible control product knowledge on the above described control options is required.
- » Students must bring their own laptop.

The ITM Fundamentals is a one-day course designed to present the main functions of the ITM and mini Building Management System (BMS) and provide fundamental knowledge the various setting options and properties of the controller and hands-on exercises on connecting, configuring, and commissioning of an ITM.



Course Overview:

- » i-Touch Manager Installation & set up
- » Basic commissioning
- » Commissioning with pre-engineering tool



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon request

Materials Provided

Training course recording & presentation



VRV Centralized Interfaces (BACnet/Modbus/Lonworks)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » DMS502B71
- » EKMBDXA
- » DMS504B51

Class Prerequisites:

- » This program is intended for technicians who have basic knowledge of electronics.
- » Basic D3 compatible control product knowledge on the above described control options is required.
- » Students must bring their own laptop.

This is a one-day intensive controls training course designed to provide basic classroom instruction and demonstrations to help students familiarize themselves with the installation set up, connectivity, and commissioning set up of VRV centralized interfaces solution (BACnet/Modbus/Lonworks).



Course Overview:

- » BACnet/Modbus/Lonworks Installation & set up
- » Commissioning & troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Oct 7, 2021

Materials Provided

Training course recording & presentation



Home Automation Interfaces (RTD/KNX/BAG/NETPRO) – VRV/DX

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » RTD/KNX
- » BAG/Net Pro

Class Prerequisites:

- » This program is intended for technicians who have basic knowledge of electronics.
- » Basic D3 compatible control product knowledge on the above described control options is required.
- » Students must bring their own laptop.

This is a one-day intensive controls training course designed to provide basic classroom instruction and demonstrations to help students familiarize themselves with the installation set up, connectivity, and commissioning set up of Daikin's home interfaces solution (RTD/KNX/BAG/NETPRO).



Course Overview:

- » RTD/KNX/BAG/NETPRO installation & set up
- » Commissioning & troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Oct 28, 2021

Materials Provided

Training course recording & presentation

DX R-32 Inverter Unit Service Course (High Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

» GTHT-TV16XZ

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The DX R-32 Service Course is a one-day intensive training designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning and troubleshooting requirements of DX R-32 units.



Course Overview:

- » About R-32 refrigerant
 - Characteristics
 - Comparison of R-32 and R410-A
- » Tool Compatibility for R-32
- » Installation instructions
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting of DX R-32 units



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon request

Materials Provided

Training course recording & presentation



DX R-32 Inverter Unit Service Course (High Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The DX R-32 Service Course is a one-day intensive training designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning and troubleshooting requirements of DX R-32 units.



Course Overview:

- » About R-32 refrigerant
 - Characteristics
 - Comparison of R-32 and R410-A
- » Tool Compatibility for R-32
- » Installation instructions
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting of DX R-32 units



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sep 9, 2021

Materials Provided

Training course recording & presentation

DX R-32 Multi Inverter Unit Service Course (Standard Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

» MXM-M3V1B9

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The DX/R32 multi series Training is structured to provide basic classroom instruction and demonstrations, designed to familiarize students with R32 Inverter Installation, commissioning and troubleshooting of multi series.



Course Overview:

- » About R-32 refrigerant
 - Characteristics
 - Comparison of R-32 and R410-A
- » Tool Compatibility for R-32
- » Installation instructions
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting of DX R-32 units



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sep 15, 2021

Materials Provided

Training course recording & presentation

Required Material

Laptop is required to connect service tool (D-checker) with DX units

DX R-32 Inverter Units Service Course (Standard Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

» FTKF-TVMUZK

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The DX R-32 Service Course is a one-day intensive training designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning and troubleshooting requirements of DX R-32 units.



Course Overview:

- » About R-32 refrigerant
 - Characteristics
 - Comparison of R-32 and R410-A
- » Tool Compatibility for R-32
- » Installation instructions
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting of DX R-32 units



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sep 16, 2021

Materials Provided

Training course recording & presentation

VRV/DX Intensive Training for New Engineers

Recommended for distributors' sales engineers and managers upon approval by Daikin Academy

This highly comprehensive, 2-day training is designed to give students' extensive knowledge on the DX and VRV business that will give them an edge when they bring the product to the market.



Course Overview:

- » Introduction to the Daikin world
- » Market dynamics
- » Daikin VRV technology
- » Understanding Daikin's USP (Unique Sales Points) for DX and VRV products
- » Understanding DX, VRV and Applied projects
- » VRV Xpress and VRV PRO
- » VRV applications
- » Water-cooled VRV
- » Overcoming obstacles in the market



Course Details

Instructor

Utpal Joshi

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sep 28--29, 2021

Materials Provided

Training course recording & presentation

Air Conditioning Solutions to Achieve Sustainable Development

Recommended for Sales Engineers, Dealers and Distributors

This training provides insights into the impact of air conditioning on the environment the new technologies designed to mitigate climate change and work towards society's sustainable development, and the energy efficiency regulations in place to support this goal.



Course Overview:

- » Impact of air conditioners on the environment
- » Air conditioning impact on global warming
- » Solutions to reduction of greenhouse gas emissions
- » Low GWP refrigerants to reduce direct GHG emissions
- » Inverter technology to reduce indirect GHG emissions
- » Daikin Environmental Vision 2050
- » Energy Efficiency regulations in the Middle East and Africa
- » Case study
 - Project to demonstrate the impact of high efficiency air conditioners
 - Test results and impact



Course Details

Instructor

Applied SBU + Arvind Kumar (Controls)

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sep 28, 2021

Materials Provided

Training course recording & presentation

Designing Domestic Hot Water Heating with Heat pumps

Recommended for distributor and dealer sales engineers, and managers.

This is a one-day VRV IV installation training course that covers domestic hot water heat pumps, boilers and VRV systems. The course discusses the design and working principles of systems associated with hydraulic design.



Course Overview:

- » About heating & domestic hot water (DHW) heating?
- » Types of heating systems
- » About modern heating systems
- » Design of DHW systems for home, hotel and facilities
- » Daikin Altherma accessories and associated controls
- » Hybrid systems



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon request

Materials Provided

Training course recording & presentation

Altherma LT Service Course

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » ERLQ006CV3
- » EHBX08CB3V
- » EKHWP300B
- » EKS21P

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

This is a two-day intensive training course designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features and installation requirements of the Altherma LT.



Course Overview:

- » Highlight the differences between C and D series particularly for service
- » Usage of Man Machine interface (=new user interface)
- » Settings check and review of influence on unit's operation
- » Unit serviceability (e.g. checking and repair of parts, working with available service tools, etc.)



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation



Altherma HT Service Course

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » ERSQ014AV1
- » EKHBRD014ADV17
- » EKHTS200AC

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

This is a two-day intensive training course designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features and installation requirements of the Altherma HT.



Course Overview:

- » Product Introduction
- » Principal Control Methods and Field settings
- » Installation
- » Wiring detail and system operation
- » Unit Functions and logics
- » Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation

HVAC Foundation Course (Technical Course)

Recommended for GET, Sales Engineer, Design Engineer, Field Service Engineers, Managers

Eligibility:

- » Must have attended and completed the Introduction to HVAC course
- » BE Mech degree; or
- » At least 5 years HVAC industry

This is the next step in the learning path after the Introduction to HVAC. The HVAC foundation course covers more technical subjects; therefore, requiring primary experience in the industry.



Course Overview:

- » HVAC systems and standards
- » HVAC system components
- » Type and suitability of each component
- » P-H Diagram
- » Cooling and heating process
- » Heat load design basics
- » Daikin VRV Pro – Quick Selection
- » System design fundamentals
- » Duct design fundamentals
- » Pipe design fundamentals



Course Details

Instructor

Utpal Joshi

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon request

Materials Provided

Training course recording & presentation

HVAC System Design

Recommended for GET, Sales Engineer, Design Engineer, Field Service Engineers, Managers

Eligibility

- » Must have attended and completed the Introduction to HVAC course
- » BE Mech degree; or
- » At least 5 years HVAC industry

The HVAC system design course aims to increase students' fundamental knowledge on design basics as well as be able to use and maximize the benefits of Daikin's web systems.



Course Overview:

- » Heat load Design Basics
- » Daikin VRV Pro – quick Selection
- » System Design Fundamentals
- » Duct Design Fundamentals
- » Pipe Design Fundamentals
- » VRV Web Xpress



Course Details

Instructor

Utpal Joshi

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

JuL 6, 2021

Materials Provided

Training course recording & presentation

Introduction to HVAC (Non-Technical Course)

Recommended for anyone working in or in association with the HVAC industry

This is a half-day, non-technical course designed to provide students with a beginner-level introduction of the air conditioning system. It is beneficial for non-technical personnel or anyone looking to start a career in the HVAC industry.



Course Overview:

- » Introduction to air conditioning
 - How AC systems work
 - Different types of AC systems
 - Main components of AC systems
 - Applications of AC systems
 - Factors affecting AC system performance
 - Proper handling of AC systems
- » The Future of Airconditioning
- » Daikin's latest AC technologies and their effects



Course Details

Instructor

Utpal Joshi

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Jul 13, 2021

Materials Provided

Training course recording & presentation

New Age Refrigerants & Bluevolution

Recommended for GET, Sales Engineer, Design Engineer, Field Service Engineers, Managers

Eligibility:

- » Must have attended and completed the Introduction to HVAC course
- » BE Mech degree; or
- » At least 5 years HVAC industry

This course is designed to provide first-hand insight on new-age refrigerants and subsequent product developments.

**Course Overview:**

- » Refrigerant History
- » Classification and commonly used Refrigerant Details
- » Regional & Internal Direction on Fighting Global warming as applicable to refrigerants
- » New Refrigerants in Daikin Dx, VRV And Applied Technology
- » Certified Recovered Refrigerant Program
- » Refrigerant Recovery

**Course Details****Instructor**

Utpal Joshi

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Aug 17, 2021

Materials Provided

Training course recording & presentation

MCP Pre-Commissioning & Commissioning Course

Recommended for Technicians and Service Engineers

Product Covered:

- » Modular Chiller Plants (Variable Primary CHW Flow System)

This course is an intensive two-day training designed to provide classroom instruction and job site demonstrations to familiarize attendee(s) with MCP pre-commissioning, commissioning and troubleshooting. The Individual Equipment/Component will be covered by OEM/Vendors' Subject Matter Experts (SME).



Course Overview:

- » About the MCP
- » Understanding the P&ID (process and instrumentation diagram)
- » Understanding electrical SLD (single line diagram)
- » Pre-requisites for startup and commissioning
- » Pre-commissioning, startup and commissioning of individual equipment
- » Troubleshooting of individual equipment (routine operations and maintenance)
- » Sequence of operation chiller plant automation with PLC & instruments



Course Details

Instructor

Syed Hasan and Ajiesh George

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Aug 21 & 24, 2021

Materials Provided

Training course recording & presentation

Packaged Unit Service Course (High Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered: UATQ-CGXY1

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential.
- » Prior knowledge of product portfolio will be added advantage.

The Packaged Unit Service Course course is a one-day intensive training designed to provide basic classroom instruction and demonstrations to help students familiarize themselves with the installation and commissioning of packaged units.



Course Overview:

- » System construction
- » Installation instructions
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Jul 21, 2021

Materials Provided

Training course recording & presentation

AHT- Supermarket Cabinet Service Course

Recommended for ASPs, Technicians, Installers and Service Engineers

This training course is designed to provide basic classroom instruction and demonstrations to help students familiarize themselves with the product features, installation, and troubleshooting requirements of AHT refrigeration product range.

Product Covered:

- Super Market Cabinet

Class Pre-requisites:

- » Basic knowledge of refrigeration and air conditioning is essential.
- » Prior knowledge of product portfolio will be added advantage.
- » Practical experience of handling refrigeration equipment's such as supermarket cabinets, deep freezer, cold rooms.
- » Laptop might be required for every student.



Course Overview:

- » Product line up
- » Installation procedure
- » Basic function & features
- » Commissioning & test run
- » Component description
- » Wiring detail and system operation
- » Unit functions and logics
- » Troubleshooting



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation

Principles of Refrigeration & Daikin Refrigeration Offering

Recommended for ASPs, Technicians, Installers and Service Engineers

This training course is designed to provide a background of refrigeration industry to sales and product teams. A detailed walkthrough on what is Refrigeration, detailed subjects and products involved. DAIKIN's offering into the MEA refrigeration Industry

Topics Covered

Part 1

1. Importance & Need for Refrigeration
2. What is Refrigeration, The basics & concept
3. Evolution of Refrigeration
4. H V A C & R - Classification with Temperatures
5. Components involved in Refrigeration Industry
6. Classification of components
7. Classification of Systems
8. Market trends & DAIKIN's refrigeration solutions

Part 2

1. DAIKIN Refrigeration offering - Display segment
2. DAIKIN Refrigeration offering – Systems segment
3. Introduction of product range
4. Where , whom & what to sell
5. Overview of selection process – Sharing of soft tools & Software
6. Introduction of DAME Refrigeration SBU Structure

Class Pre-requisites:

- » Basic knowledge of refrigeration and air conditioning is essential.
- » Prior knowledge of product portfolio will be added advantage.
- » Laptop might be required for every student.



Key Takeaways

- Clear understanding about Refrigeration business in the MEA Region
- Familiar with market trends, terminologies and systems exiting in the market
- Technical understanding on the basics, concept, systems and related subjects
- DAIKIN's offering to this industry, our strength & weakness. Unique selling points
- Sales tools , understanding about DAME structuring for this business , key focus areas



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon request

Materials Provided

Training course recording & presentation

Zanotti - Monoblock Service Course

Recommended for Technicians, Installers and Service Engineers

This three-hour training course is designed to provide basic classroom instruction and demonstrations to help students familiarize themselves with the product features, installation, and troubleshooting requirements of Zanotti's refrigeration range.

Products Covered:

- » BSB135T38F
- » BGM117DA11XA
- » MZN106T14F

Class Pre-requisites::

- » Basic knowledge of refrigeration and air conditioning is essential.
- » Prior knowledge of product portfolio will be added advantage.
- » Practical experience of handling refrigeration equipment's such as supermarket cabinets, deep freezer, cold rooms.
- » Laptop might be required for every student.



Course Overview:

- » Product line up
- » Installation procedure
- » Basic function & features
- » Commissioning & test run
- » Component description
- » Wiring detail and system operation
- » Unit functions and logics
- » Troubleshooting



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon Request

Materials Provided

Training course recording & presentation

Sky Air Inverter Units Service Course (Standard Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » RZASG100M7V1B
- » FBA100A2VEB
- » FCAG50AVEB

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The Sky Air Inverter Service Course course is a one-day intensive training designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features and installation requirements of Inverter Sky Air units.



Course Overview:

- » About R-32 refrigerant
 - Characteristics
 - Comparison of R-32 and R410-A
- » Tool Compatibility for R-32
- » Installation instructions
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting of Inverter Sky Air units



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Aug 12, 2021

Materials Provided

Training course recording & presentation

Sky Air Non-Inverter Units Service Course (Standard Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » RR60AY1K
- » FDMRN60A1K

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage

The Sky Air Non-Inverter Service Course course is a one-day intensive training designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features and installation requirements of non-Inverter Sky Air units.



Course Overview:

- » Installation instructions
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

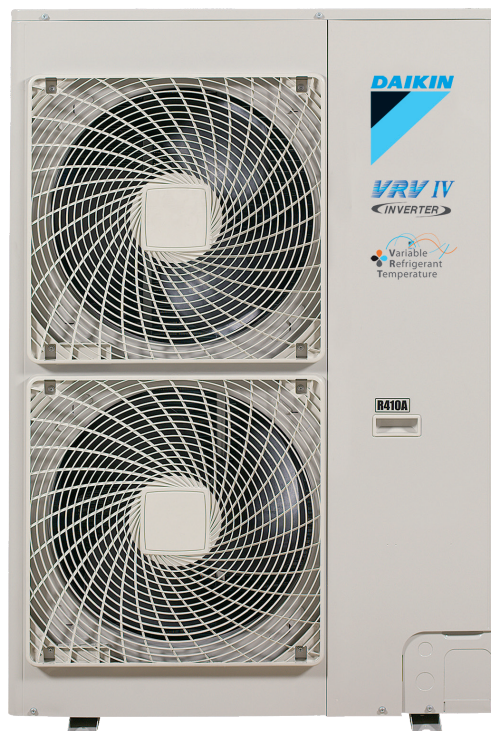
Will be notified in Training notification & Invitation

Course Schedule

Aug 31, 2021

Materials Provided

Training course recording & presentation



VRV IV+ HP Service Course (Standard / High Ambient)

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » RXYTQ14T
- » RYYQ12T

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » 2 years minimum practical field experience of handling air conditioning
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The VRV IV + Installation Training is structured to provide basic class-room instruction, demonstrations and "hands-on" exercises designed to familiarize the students with product features, installation requirements for the Daikin VRV IV product.



Course Overview:

1. Theoretical concepts

- » Built up equipment, electric and refrigerant circuit
- » Installation requirements for refrigerant and water circuit
- » Start-up method
- » Field setting method

2. Practical application

- » Start up method including refrigerant charging
- » Main functions
- » Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Apr 07-08, 2021

Materials Provided

Training course recording & presentation

VRV IV+ Heat Recovery Service Course

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » REYQ-T
- » BS BOX
- » LT Hydro box
- » HT Hydro box

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » 2 years minimum practical field experience of handling air conditioning
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The VRV IV+ Heat Recovery Service Course is designed to provide basic classroom instruction, demonstrations and hands-on exercises to familiarize students with product features and installation requirements for Daikin's VRV IV+ Heat Recovery product.



Course Overview:

1. Theoretical concepts

- » Built up equipment electric, and refrigerant circuit
- » Installation requirements for refrigerant and water circuit
- » Start-up method
- » Field setting method

2. Practical application

- » Start-up method including refrigerant charging
- » Main Functions
- » Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Jul 15, 2021

Materials Provided

Training course recording & presentation

Practical Airconditioning for Non-Field Engineers

Recommended for Design Engineers, HVAC Consultants, Client's Technical Team

This one-day training provides technical experts in the HVAC industry who are not necessarily involved in the maintenance of AC units with an insight into the HVAC system's operation and common system issues and solutions.



Course Overview:

- » Reading and converting refrigerants into system parameters
- » Practical plotting on psychometric diagram
- » Overcharging and undercharging identification and issue resolution
- » Understanding superheat and subcooling and its practical application
- » Proper installation
- » Vacuum process
- » Evacuation and recovery process
- » Startup and commissioning
- » Troubleshooting



Course Details

Instructor

Utpal Joshi

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Aug 31, 2021

Materials Provided

Training course recording & presentation

VRV Solution Sales and Positioning

Recommended for Distributor and Dealer Sales engineers, Managers

The 2-day, intensive VRV Solution Sales training aims to impart extensive knowledge of Daikin's VRV technology and its unique features. It emphasizes on the USPs and key points on overcoming market obstacles.



Course Overview:

- » Daikin VRV technology
- » Understanding Daikin's USP (Unique Sales Points) for DX and VRV products
- » Understanding DX, VRV and Applied projects
- » VRV Xpress
- » VRV applications
- » Water-cooled VRV
- » Overcoming obstacles in the market



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Sep 14-15, 2020

Materials Provided

Training course recording & presentation

VRV IV+ Commissioning & Basic Troubleshooting Course (Authorized Dealers Only)

Recommended for Technicians, Installers and Service Engineers

Product Covered: RXYTQ14T

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The VRV IV+ Installation Course is a one-day intensive training designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning and troubleshooting requirements of the VRV IV+.



Course Overview:

- » Main product features
- » Feature changes from previous models (VRV III, VRV IV, etc.)
- » System Operation
- » Field Setting
- » Commissioning & Test Run
- » Basic Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Dec 7, 2021

Materials Provided

Training course recording & presentation

VRV IV s Service Course

Recommended for Technicians, Installers and Service Engineers

Product Covered: RXYSQ8TY1

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » 2 years minimum practical field experience of handling air conditioning
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

The VRV IV s Service Course is designed to provide basic classroom instruction, demonstrations and hands-on exercises to familiarize students with product features and installation requirements for Daikin's mini VRV product.



Course Overview:

1. Theoretical concepts

- » Built up equipment electric and refrigerant circuit
- » Installation requirements refrigerant and water circuit
- » Start-up method
- » Field setting method

2. Practical application

- » Start-up method including refrigerant charging
- » Main Functions
- » Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Jan 06-07, 2022

Materials Provided

Training course recording & presentation



VRV IV+ High Ambient Installation Course

Recommended for Technicians, Installers and Service Engineers

Product Covered: RXYTQ14T

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » 2 years of minimum practical Field experience of handling air conditioning

The VRV IV+ Installation Course is a half-day intensive training designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features and installation requirements of the VRV IV+.



Course Overview:

- » Main product features
- » Feature changes from previous models (VRV III, VRV IV, etc.)
- » Complete installation procedure (outdoor, indoor, wiring, piping) including AHU + VRV/DX



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Jan 25, 2022

Materials Provided

Training course recording & presentation

VRV IV Water-Cooled Service Course

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » RWEYQ1-T
- » BS1Q-A (BS BOX)
- » HXY-A (LT Hydro box)
- » HXHD-A (HT hydro box)

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » 2 years minimum practical field experience of handling air conditioning
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

This service course aims to provide information on inspection during installation, start-up of equipment, support for troubleshooting and repair of the VRV IV w.



Course Overview:

1. Theoretical concepts

- » Built up equipment, electric and refrigerant circuit
- » Installation requirements refrigerant and water circuit
- » Start-up method
- » Field setting method

2. Practical application

- » Start-up method including refrigerant charging
- » Main Functions
- » Troubleshooting



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Jan 27-29, 2022

Materials Provided

Training course recording & presentation

F(A)HU with VRV Condensing Unit

Recommended for Technicians, Installers and Service Engineers

Product Covered:

- » RXYTQ-T
- » EKEQ-FCBA Control Board
- » EKEXV Expansion Valve Kit
- » Italy Modular AHU
- » Dubai AHU

Class Prerequisites:

- » Basic knowledge of refrigeration and air conditioning is essential
- » Prior knowledge of product portfolio will be added advantage
- » 2 years minimum practical field experience of handling air conditioning
- » Laptop is required for every student to connect service tool (D-checker) with DX units.

This training course is designed to provide basic classroom instruction, demonstrations and hands-on exercises to help students familiarize themselves with the product features and installation requirements of the F(A)HU with VRV condensing unit.



Course Details

Instructor

Narender Kumar

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Feb 10, 2022

Materials Provided

Training course recording & presentation



Course Overview:

- » Product introduction
- » Principal control methods and field settings
- » Modular AHU
 - Components description
 - Unit functions and logics
 - Installation and commissioning
- » Measurement on ESP and airflow
- » Basic wiring connection and setup of EC fan motor and VFD
- » AHU Factory Visit
- » Final Review Test

Condensing Unit (AHU/FAHU + ERAD & FAHU/AHU + RCP & FAHU/AHU + RCS)

Recommended for Technicians, Installers and Service Engineers

This program is structured to provide basic classroom instruction, demonstrations and "hands-on" exercises designed to familiarize the student with the product features, installation requirements and service procedures for Daikin Self-Contained Units. Each student will work with simulators for both the MicroTech® II and MicroTech III control systems. The emphasis of "hands-on" training will be to enhance the technicians' knowledge of good service and troubleshooting practice.

Class Pre-requisites:

To get the most from the course, the student should have an understanding of the refrigeration cycle, basic electrical power and simple air conditioning control circuits. The course will use these basic concepts to develop an understanding of the McQuay self-contained product.

The program for Self-Contained service training is two and one half days of intensive training.



Course Overview:

In this course students will learn:

- Unit commissioning
- Maintenance
- Diagnostics
- Troubleshooting
- Variable-speed drives, actuators, compressors for self-contained units
- MicroTech® II & III for self-contained units
- Hardware components, keypad navigation, sequence of operation.



Course Details

Course Location

Online

Course Duration

Will be notified in Training notification & Invitation

Course Schedule

Upon request

Materials Provided

Training course recording & presentation

Registration Form

Course Title _____

Dates _____

Course Location _____

Company Name _____

Mailing Address (City, P.O. Box) _____

Submitted by _____ E-mail Address _____

Office Number _____ Mobile Number _____

Person In-charge _____ E-mail Address _____

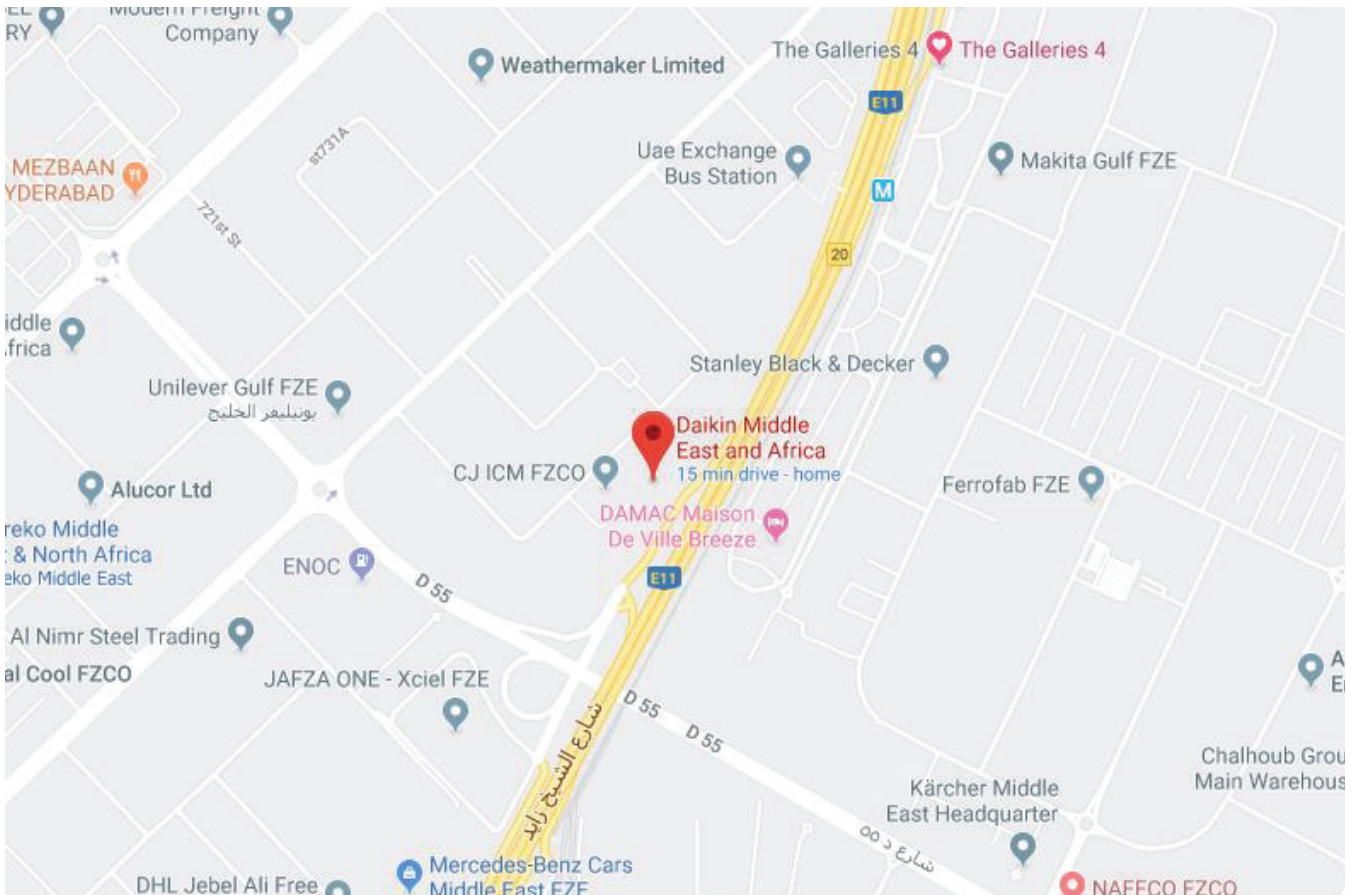
Mobile Number _____ Designation _____

Attendees List

Sl No.	Name	Designation	Length of Experience	E-mail Address

You may also register online at my.daikinmea.com (https://daikin.formstack.com/forms/trainingsubscription_copy)

Location Map



Daikin Middle East and Africa FZE

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Daikin Service

Your Reliable Partner

Global company, local presence

You will find Daikin offices and distributors in almost every country. These local teams deliver manufacturer services for your local needs. Nevertheless, they are all part of Daikin's worldwide service network.

World-class logistics

Wherever you are, Daikin genuine parts are rapidly delivered to your door, thanks to an extensive Sales network of warehouses and distributors.

Daikin - your partner

'Absolute credibility' is one of Daikin's core values. We are committed to building long-term relationships based on trust and openness. Sustainable customer relationships are what have made Daikin the world leader in HVAC equipment.

Dedicated people

To ensure the quality of the service we deliver, we invest continuously in the know-how and skills of our staff. We train and update them on the latest technical developments and service methods.

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