

Raising standards and developing expertise

DISTRIBUTORS TRAINING CATALOGUE

APRIL 2023 - MARCH 2024



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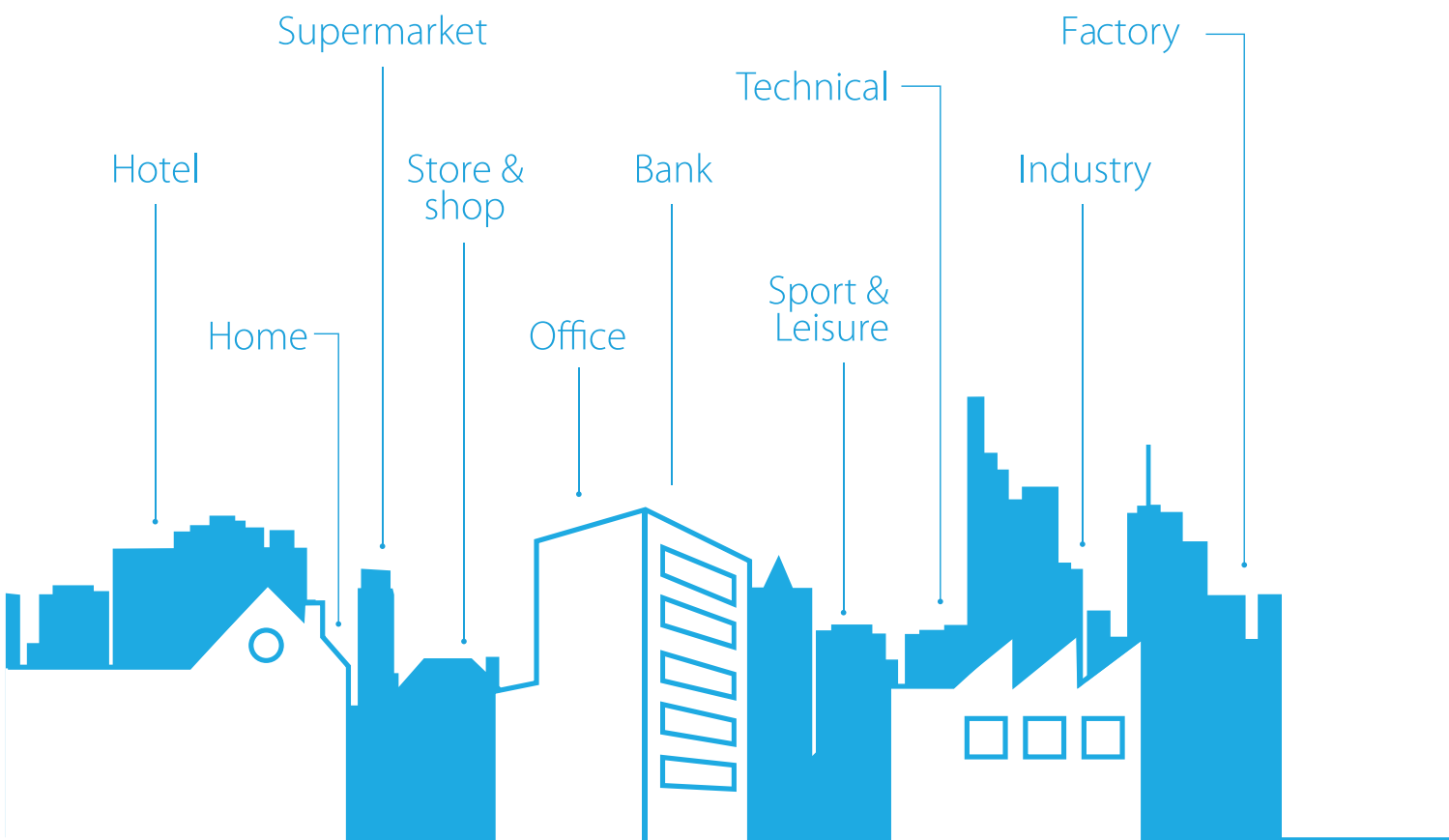


WELCOME

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 hub of Daikin Industries and is responsible for promoting, selling, and providing after-market support for the full range of air conditioning and refrigeration 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 rely 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 first-come, first-served basis. All trainings are held at the Daikin MEA Training Center at Jebel Ali Freezone, Dubai, UAE.

TRAINING LOCATION

Daikin Academy (Middle East & Africa). Refer to page 41.

REGISTRATION

To attend a course listed in this training catalogue, please complete the enrollment form (on page 40) and e-mail it to your Sales Responsible and to academy@daikinmea.com.

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.

CANCELLATION POLICY

Daikin Academy reserves the right to make changes or cancel the course in case the number of students are less than the minimum requirement. 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 an assessment test.

TRAINING MATERIALS AND CERTIFICATES

Students attending the training will receive soft copies of the materials. Certificates of attendance will be provided upon successful completion of the course.

HOTEL INFORMATION AND ARRANGEMENTS

Hotel, with Daikin preferred rates, 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.

REFRESHMENT

Lunch and free flowing coffee and tea throughout the class will be provided.

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 41.

CONTACT DETAILS

Daikin MEA Academy
P.O. Box 18674
Jebel Ali Free Zone Dubai, UAE
Phone +971 4 8159 300
Fax +971 4 8159 311
www.daikinmea.com

TRAINING COURSE SCHEDULE

Recommended for engineers and technicians with HVAC background

Contents / Topic	Training Period (Customer Requirements)	Product Pillar
Applied Service Training - Centrifugal	May 09-11, 2023	Applied
Applied Service Training - Scroll Chiller and Heat Pump	May 23-24, 2023	Applied
Applied Training on Chilled Water Distribution & Systems (Primary / Secondary / VPF)	June 14-15, 2023	Applied
Home Automation Interfaces (RTD/NETPRO) - VRV/DX	05-Jul-23	Controls
Daikin Cloud Interface for VRV Units	06-Jul-23	Controls
F(A)HU with VRV Condensing Unit Service Course	25-Jul-23	VRV
VRV Logic and Controls (Controller Set-up & Commissioning, Settings) (New)	26-Jul-23	VRV
VRV 4 Heat Recovery_ Service Course	27-Jul-23	VRV
Applied Service Training - Air Cooled Standard Screw Chiller (Non Inverter)	August 08-10, 2023	Applied
I-Touch Manager II	August 22-23, 2023	Controls
Commissioning of CSM/iCM/iPM (New)	24-Aug-23	Controls
Air Handling Unit Controls Training (DAME AHU's) - Commissioning of AHU Controls	05-Sep-23	Controls
Understanding Controls In VRV DX	05-Sep-23	Controls
VRV Centralized Interfaces (BACnet/Modbus)	06-Sep-23	Controls
Applied Service Training - Air Cooled with Inverter Screw Compressor	September 19-21, 2023	Applied
Applied AHU Service Training	October 03-04, 2023	Applied
Chiller Installation and Commissioning Training	05-Oct-23	Applied
VRV 4+ Heat Pump Service Course (Installation, Commissioning & Troubleshooting)	24-Oct-23	VRV
Daikin Tools and Utilization for VRV (New)	25-Oct-23	VRV
VRV X Cooling Only Service Course (Installation, Commissioning & Troubleshooting)	26-Oct-23	VRV
Daikin On Site (DOS) (New)	07-Nov-23	Controls
Reiri (Smart Automation Solutions) (New)	08-Nov-23	Controls
Centralized Controls - VRV System - iTC/iTAB (New)	21-Nov-23	Controls
iTM mini BMS System -WGDCMCPLR (WAGO Interface) (New)	22-Nov-23	Controls

TRAINING COURSE SCHEDULE

Recommended for engineers and technicians with HVAC background

Contents / Topic	Training Period (Customer Requirements)	Product Pillar
SA Inverter_Service course (FDMF-A, *FDMA-A, *FCA-A,)	24-Jan-24	Sky Air
SA Non Inverter_Service Course (FDMRN-A)	07-Feb-24	Sky Air
RA Inverter_Service Course (FTK(X)M-P, FTKM-M, FTKF-T, FTHF-T, GTQ-T) (New)	05-Mar-24	DX
RA NON Inverter Rooftop (UATQ-C) (New)	06-Mar-24	DX
Altherma HT_Service Course	March 20-21, 2024	Heating
Altherma LT_Service Course	March 20-21, 2024	Heating



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

INSTRUCTOR

Wilfred D'Cruz

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

3 Days

COURSE SCHEDULE

May 09-11, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Applied Service Training

(Scroll Chiller and Heat Pump)

Recommended for Technicians, Installers 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-4



COURSE DETAILS

INSTRUCTOR

Wilfred D'Cruz

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

3 Days

COURSE SCHEDULE

May 23-24, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Applied Training on Chilled Water Distribution & Systems (Primary / Secondary / VPF)

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
- High quality components
- Chiller plant design, operation and control, including con-stant 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

INSTRUCTOR

Wilfred D'Cruz

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

2 Days

COURSE SCHEDULE

June 14-15, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Home Automation Interfaces

(RTD/NETPRO) - VRV/DX

Recommended for Technicians, Installers and Service Engineers

PRODUCTS COVERED:

- RTD/KNX
- BAG 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

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

July 5, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Daikin Cloud Interface for VRV Units

Recommended for Distributors, Subcontractors and External/Internal Technicians

Daikin cloud interface offers various control solution adapted to the requirements of even the most demanding commercial application. Basic control solutions for those customers with few requirements and limited budget. Integrating control solutions for those customers that would like to integrate Daikin units into their existing BMS system. Advanced control solutions for those customers that expect Daikin to deliver a mini BMS solution, including advance energy management.

Daikin Cloud Service is a cloud-based remote control and monitoring solution for VRV systems. Using enhanced control, monitoring and predictive logic, Daikin Cloud Service provides real-time data and support from Daikin experts to help you identify cost-saving opportunities, increase the lifetime of your equipment and reduce the risk of unexpected issues.



COURSE OVERVIEW

- Total solution
- Overview of Daikin Cloud services
- User friendly touch control
- Remote control and energy visualization
- Remote support and diagnostics
- Highlights the flexibility of Daikin Cloud and Total Solution Application
- Providing know-how advice and optimization on the system



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

July 6, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

F(A)HU with VRV Condensing Unit

Recommended for Technicians, Installers and Service Engineers

PRODUCTS COVERED:

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

PRODUCTS COVERED:

- 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 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



COURSE DETAILS

INSTRUCTOR

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

July 25, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

VRV Logic and Controls

(Controller Set-up & Commissioning, Settings) (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

This training will give an overview of individual and centralized control systems used to control VRV and other related equipment. Show applications of VRV controls. This course is 8hrs with combination of theory and hands-on practical training.



COURSE OVERVIEW

- Total Installation and Commissioning of:
- VRV Adaptor - BRP7A51
- VRV Adaptor - DTA116A51
- VRV Adaptor - Multi tenant
- VRV Adaptor - RTD
- VRV Adaptor - WAGO



COURSE DETAILS

INSTRUCTOR

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

July 26, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

VRV IV+ Heat Recovery Service Course

Recommended for Technicians, Installers and Service Engineers

PRODUCTS 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

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

July 27, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Applied Service Training

Air Cooled Standard Screw Chiller (Non Inverter)

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:

Distributors and Service partners 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

- 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

INSTRUCTOR

Wilfred D'Cruz

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

3 Days

COURSE SCHEDULE

August 08-10, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

I-Touch Manager II

Recommended for Technicians, Installers and Service Engineers

PRODUCTS 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

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

2 Days

COURSE SCHEDULE

August 22-23, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Commissioning of CSM/iCM/iPM (New)

Product champions on system control and remote monitoring.

Introduction of new products iCM - intelligent Chiller Manager - Standard Solution (System Control solution) Products. Understand overall functionality of iCM standard solution. Set the correct parameters on the controller. Understand alarming and ultimately be able to conduct a commissioning Remote Monitoring for Applied. Installing the IP Module Software and configuring the IP Module for your control system.



COURSE OVERVIEW

- What is iCM? What is iPM?
- Licensing
- Field Wirings and Field Devices
- HMI Description and Configurations
- System Operating
- Troubleshooting



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

August 24, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Air Handling Unit Controls Training

(DAME AHU's) - Commissioning of AHU Controls

Recommended for Distributors, Subcontractors and External/Internal Technicians

Daikin Air Handling Units efficient controls allows the user to determine a wide range of settings, resulting in excellent operational flexibility. Its safe operation – fully integrated electrical units and amazing tailor made capability to meet the specific customer needs.



COURSE OVERVIEW

- Maximum energy efficiency and indoor air quality
- Wide range of functions and options
- High quality components
- Innovative technology: Unique features and state of the art technology for short payback
- Operation efficiency and energy savings
- Outstanding reliability and performance
- Various applications are possible including air conditioning applications, industry-type process cooling, and large-scale district heat source systems.
- Plug and play concept for easy installation and commissioning
- Unique Daikin fresh air package available for connection of AHU to VRV or ERQ



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

September 5, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Understanding Controls in VRV/DX

Recommended for Distributors, Subcontractors and External/Internal Technicians

To ensure that our Distributors are fully aware on basic features of available Daikin controls in the market and inline to Daikin standard and practices prescribed. Henceforth, to have confidence on handling Daikin product as well as handling the customer complaint and demand.

This training will give an overview of individual and centralized control systems used to control VRV, Sky Air and other equipment, and show applications for hotel, office, shops, ppd, multi-tenant, cloud control.



COURSE OVERVIEW

- Basic theoretical control ideas
- Quick installation training
- Application to real life situation
- Case study and field experience sharing
- Do's and Don'ts



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

September 5, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

VRV Centralized Interfaces

(BACnet/Modbus)

Recommended for Technicians and Service Engineers

PRODUCTS 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

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

September 6, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Applied Service Training

Air Cooled with Inverter Screw

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:

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

- 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

INSTRUCTOR

Wilfred D'Cruz

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

3 Days

COURSE SCHEDULE

September 19-21, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Applied AHU Service Training

Recommended for Technicians, Installers and Service 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

Wilfred D'Cruz

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

2 Days

COURSE SCHEDULE

October 03-04, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Chiller Installation and Commissioning 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:

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

- 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

INSTRUCTOR

Wilfred D'Cruz

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

October 5, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

VRV 4+ Heat Pump Service Course

(Installation, Commissioning & Troubleshooting)

Recommended for Technicians, Installers and Service Engineers

PRODUCTS COVERED:

- RXYTQ14T

CLASS PREREQUISITES:

- Basic knowledge of refrigeration and air conditioning is essential
- Prior knowledge of product portfolio will be added advantage
- 2-year 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.)
- System Operation
- Field Setting
- Commissioning and Test Run
- Basic Troubleshooting



COURSE DETAILS

INSTRUCTOR

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

October 24, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

VRV IV+ High Ambient Installation Course

Recommended for Technicians, Installers and Service Engineers

PRODUCTS COVERED:

- RXYTQ14T

CLASS PREREQUISITES:

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

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

October 24, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch



Daikin Diagnostic and Proprietary Tools for VRV (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

This training will introduce the Daikin VRV tools: Tool made to compare life cycle cost between VRV solutions. Show the simulation tool: introduction and examples of success stories by using this VRV tools. This course also provides you with an overview of the VRV tools, its specs and the webtools. You will learn about the advantages and how to select the system using Daikin tools.



COURSE OVERVIEW

- Total Installation and Troubleshooting/Repair of:
- VRV Service Tools - Service Checker
- VRV Service Tools - D-checker
- VRV Service Tools - Mobile Monitoring tool
- VRV Service Tools - Inverter Analyzer
- VRV data analysis tool



COURSE DETAILS

INSTRUCTOR

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

October 25, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

VRV X Cooling Only Service Course

(Installation, Commissioning & Troubleshooting)

Recommended for Technicians, Installers and Service Engineers

PRODUCTS 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 X Cooling Only Installation, Commissioning & Troubleshooting training is structured to provide basic class-room instruction, demonstrations and "hands-on" exercises designed to familiarize the students with product features, Installation, Commissioning & Troubleshooting requirements for the Daikin VRV X product.



COURSE OVERVIEW

- Main product features
- Feature changes from previous models (VRV III, VRV IV, etc.)
- Complete Installation, Commissioning & Troubleshooting procedure (outdoor, indoor, wiring, piping) including AHU + VRV X



COURSE DETAILS

INSTRUCTOR

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

October 26, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Daikin On Site

(DOS) (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

Daikin On Site offers various control solution adapted to the requirements of even the most demanding commercial application.

Daikin On Site is a remote control and monitoring solution for VRV systems. Using enhanced control, monitoring and predictive logic, Daikin On Site provides real-time data and support from Daikin experts to help you identify cost-saving opportunities, increase the lifetime of your equipment and reduce the risk of unexpected issues.



COURSE OVERVIEW

- Daikin On Site Concept – Features and Benefits
- DoS Introduction to Networks
- DoS Set Up Internet Connection
- Pre-registration and Activation
- DoS Operations and Administrations



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

November 07, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Reiri

(Smart Automation Solutions) (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

To ensure that our Distributors are fully aware on basic features of available Daikin controls in the market and inline to Daikin standard and practices prescribed. Henceforth, to have confidence on handling Daikin product as well as handling the customer complaint and demand.



COURSE OVERVIEW

- What is REIRI? Features and Benefits
- Installations and Setup
- How to Use REIRI for Home App and Office App
- General Overview of Screens
- Detailed Explanation of Functions



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

November 08, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Centralized Controls

VRV System - iTC/iTAB (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

This central controller enables the individual to operate the system from both this units and the remote controller and to enable various operation control patterns. An individual will learn on how to control maximum of groups of indoor units by using this central remote controller. Also in this topic, an individual will learn about the function which allows you to unify settings in all groups. You can display operating conditions such as operation mode and preset temperature, maintenance information and information on trouble such as malfunction codes.



COURSE OVERVIEW

- Installation of iTAB Controller
- Commissioning of iTAB Controller
- Operation & Maintenance of iTAB Controller
- Features and Benefits of iTC
- System Overview and Hardware Descriptions of iTC
- Software and Accessories for iTC
- Operation and Maintenance of iTC
- Understanding Power Proportional Distribution Software
- Troubleshooting the iTAB and iTC



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

November 21, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

iTM mini BMS System

WGDCMCPLR (WAGO Interface) (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

An individual will be able to learn the key features of Daikin iTouch Manager, the Mini Building Management System (BMS). On the basis of theory, you will receive an explanation of how to connect and configure an iTM. Then you will get started with practical exercises yourself. After commissioning, we will go deeper into the various setting options and properties of the controller.



COURSE OVERVIEW

- Description, Features and Benefits
- Understanding WAGO I/O System
- Installation and Commissioning
- Field Connections and Wirings



COURSE DETAILS

INSTRUCTOR

Benjamin Brusola

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

November 21, 2023

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

SA Inverter_Service Course

(FDMF-A, *FDMA-A, *FCA-A,)

Recommended for Distributors, Subcontractors and External/Internal Technicians

PRODUCTS COVERED:

- FDMF-A
- FDMA-A
- FCA-A

This Skyair Service Course is a one-day intensive training designed to provide basic classroom instruction on various model/ranges, demonstrations, and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning, troubleshooting and maintenance requirements. Laptop is required for every student to connect service tool (D-checker) with DX units.



COURSE OVERVIEW

- Learn about New DX Split Series Range
- Inverter Technology
- Specifications and limitations
- Proper Installation Practices
- Handling refrigerant
- System Operation
- Troubleshooting
- Field setting and Commissioning
- Service Maintenance
- Introduction on D-Checker



COURSE DETAILS

INSTRUCTOR

Ernesto Gagui

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

January 24, 2024

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

SA Non Inverter_Service Course

(FDMRN-A)

Recommended for Distributors, Subcontractors and External/Internal Technicians

PRODUCT COVERED:

- FDMRN-AV

This Skyair Service Course is a one-day intensive training designed to provide basic classroom instruction on various model/ranges, demonstrations, and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning, troubleshooting and maintenance requirements.



COURSE OVERVIEW

- Learn about New DX Split Series Range
- Specifications and limitations
- Proper Installation Practices
- System Operation
- Troubleshooting
- Field setting and Commissioning
- Service Maintenance



COURSE DETAILS

INSTRUCTOR

Ernesto Gagui

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

February 07, 2024

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

RA Inverter_Service Course

(FTK(X)M-P, FTKM-M, FTKF-T, FTHF-T, GTQ-T) (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

PRODUCTS COVERED:

- FTK(X)M-P
- FTKM-M
- FTKF-T
- FTHF-T
- GTQ-T

This Room Air Service Course is a one-day intensive training designed to provide basic classroom instruction on various model/ranges, demonstrations, and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning, troubleshooting and maintenance requirements. Laptop is required for every student to connect service tool (D-checker) with DX units.



COURSE OVERVIEW

- Learn about New DX Split Series Range
- Inverter Technology
- Specifications and limitations
- Proper Installation Practices
- Handling refrigerant
- System Operation
- Troubleshooting
- Field setting and Commissioning
- Service Maintenance
- Introduction on D-Checker



COURSE DETAILS

INSTRUCTOR

Ernesto Gagui

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

March 05, 2024

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

RA NON Inverter Rooftop (UATQ-C) (New)

Recommended for Distributors, Subcontractors and External/Internal Technicians

PRODUCT COVERED:

- UATQ-C

This Packaged Service Course is a one-day intensive training designed to provide basic classroom instruction on various model/ranges, demonstrations, and hands-on exercises to help students familiarize themselves with the product features, installation, commissioning, troubleshooting and maintenance requirements.



COURSE OVERVIEW

- System construction
- Specifications and limitations
- Product features
- Installation instructions
- System Operation
- Troubleshooting
- Field setting and Commissioning
- Service Maintenance



COURSE DETAILS

INSTRUCTOR

Ernesto Gagui

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

1 Day

COURSE SCHEDULE

March 06, 2024

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Altherma HT Service Course

Recommended for Technicians, Installers and Service Engineers

PRODUCTS 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

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

2 Days

COURSE SCHEDULE

March 20-21, 2024

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Altherma LT Service Course

Recommended for Technicians, Installers and Service Engineers

PRODUCTS 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



COURSE DETAILS

INSTRUCTOR

Alvin Panganiban

COURSE LOCATION

Daikin MEA Training Center, JAFZA
Dubai, UAE

COURSE LENGTH

2 Days

COURSE SCHEDULE

March 20-21, 2024

DAIKIN TO PROVIDE

Hotel
Transportation
Instruction Materials
Lunch

Daikin Middle East and Africa FZE

REGISTRATION FORM

Course Title _____

Dates _____

Course Location _____

Company Name _____

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

Submitted By _____ E-mail Address _____

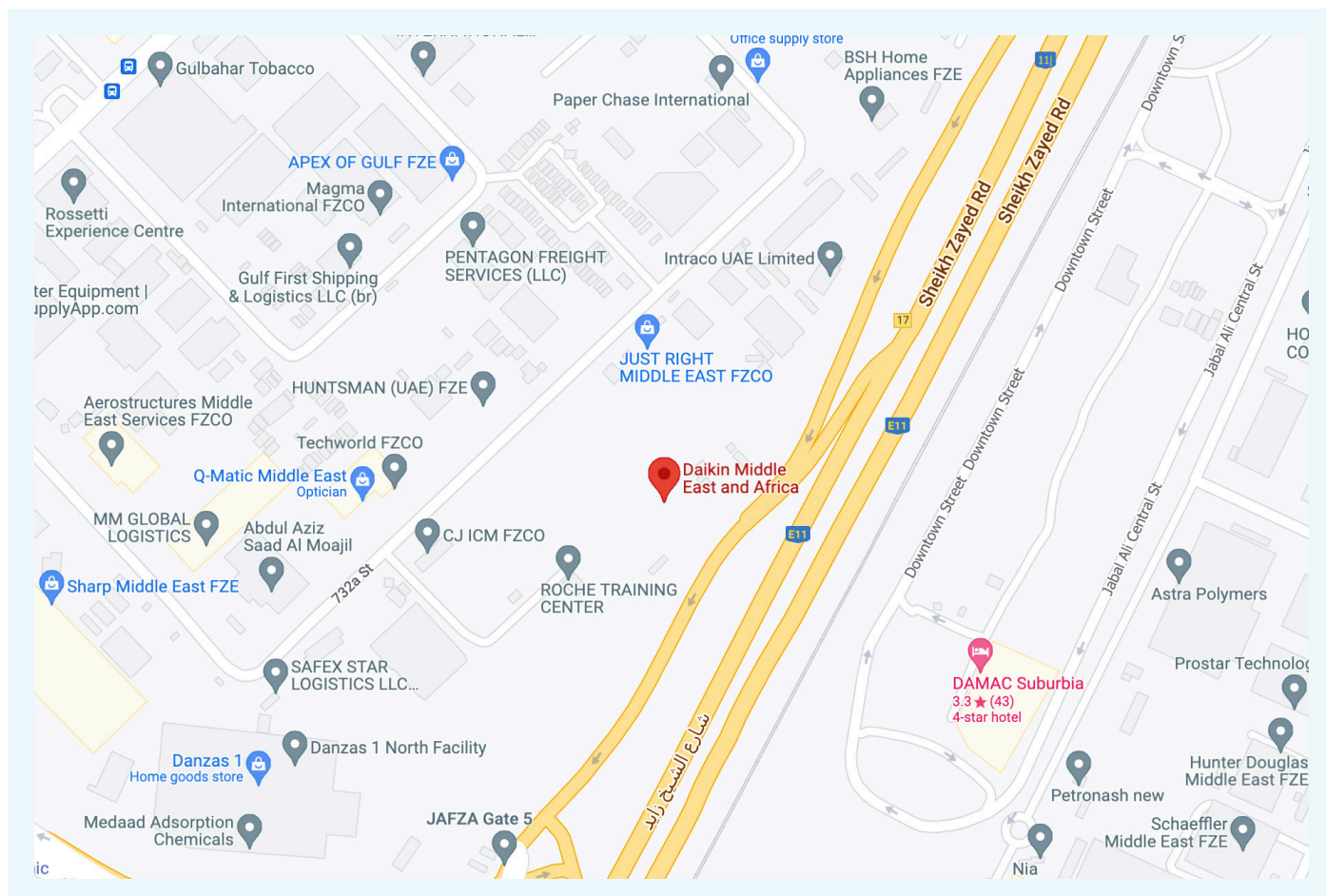
Office Number _____ Mobile Number _____

Person In-charge _____ E-mail Address _____

Mobile Number _____ Designation _____

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

LOCATION MAP



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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.

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

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.

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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DAIKIN MIDDLE EAST AND AFRICA FZE

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