The Fujitsu logo, featuring the word "FUJITSU" in a red, serif font with a stylized infinity symbol above the letter 'J'.

FUJITSU

AIR CONDITIONING

AIRSTAGE

The background of the page is a photograph of a room. On the left, there are dark, heavy curtains. On the right, a lamp with a white shade is lit, casting a warm glow. The overall atmosphere is cozy and modern.

Welcome to the world of
FUJITSU
TRAINING
2023/2024

FUJITSU GENERAL AIR CONDITIONING (UK)

TRAINING CARD

Each candidate attending a training course will receive a training card. The training card will provide details of which course has been completed.



On successful completion of the training course the candidate will receive an electronic copy of all technical and service manuals, a copy of the training presentation and a certificate of the training.

To maintain the highest standards within our industry certain courses will require F-Gas certification. (see course details for further information).

All courses are free of charge (excluding Advanced Courses) with lunch being provided on all full-day courses. (dietary requirements can be requested).

Training courses are subject to availability. Failure to provide at least 48 hours notice to cancel a course may result in a cancellation fee.

Fujitsu Training

We have developed specific courses, created to make you fluent in designing and installing Fujitsu air conditioning.



Course 1 - Full Day

An Introduction to the Fujitsu Product Portfolio

Course Objectives

To develop an understanding of the Fujitsu product range.

To educate the attendee on the importance of air conditioning, how air conditioning works and the benefits and advantages of the Fujitsu product.

Course Summary

Throughout this course the delegates will receive:

- Explanation on how to educate the end user of the benefits of air conditioning.
- A basic understanding of the primary functions of an air conditioner.
- An overview of the features and options on the Fujitsu models.
- Details on Fujitsu marketing and sales material.
- Training course information and a tour of our training rooms.
- How and when to select the correct system.
- Explanation on how to operate a system efficiently.
- Explanation of the different sophisticated control options.
- Design Simulator demonstration.
- Website demonstration.

Course 2 - Full Day

Split and Multi-Split System - Installation, Commissioning, Troubleshooting and Service Tool

Course Objectives

To develop an understanding of the Fujitsu Split Systems. To obtain sufficient knowledge to install, commission and troubleshoot these types of systems.

Course Summary

Throughout the course practical exercises will reinforce the learning process. The course will include:

- Introduction to the course objectives.
- Explanation of the terms and technologies (e.g. Inverters, double swing louvres etc).
- Review of refrigerant and electrical circuit diagrams and basic operation.
- Pipe work, interconnecting cable and control methods.
- Practical exercises (e.g. board and fan motor change).
- Remote controller types - functions, setting up, fault codes and Wi-Fi options.
- Fault finding - practical exercises.
- Introduction to the new fault finding application.

Proof of Company F-Gas registration is required for this course.

Course 3 - Full Day

Mini VRF - Installation, Commissioning and Troubleshooting

Course Objectives

To develop an understanding of the Fujitsu Advanced Mini VRF Systems. To obtain sufficient knowledge to install, commission and troubleshoot these types of systems.

Course Summary

Throughout the course practical exercises will reinforce the learning process. The course will include:

- Introduction to the course objectives.
- Explanation of the terms and technologies (e.g. inverters, double swing louvres etc).
- Review of refrigerant and electrical circuit diagrams and basic operation.
- Pipe work, interconnecting cable and control methods.
- Practical exercises (e.g. Special functions and commissioning procedure).
- Remote controller types - functions, setting up, fault codes and Wi-Fi options.
- Fault finding - introduction and practical exercises, including service tool demonstration.
- Introduction to the new fault finding application.

Proof of Company F-Gas registration is required for this course.

Course 4a - Full Day / 4b - Half Day

VRF System Application and Design Including Design Simulator

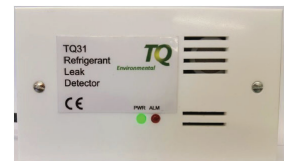
Course Objectives

To develop an understanding of the Fujitsu VRF Systems. To obtain sufficient knowledge for the application and design of this type of system for the both new build and refurbishment projects.

Course Summary

Throughout this course, with the use of extensive hands-on exercises, the delegates will:

- Understand the basic operation and features of a Fujitsu VRF System. (4a)
- Select indoor units and understand the features of each type of indoor unit. (4a/4b)
- Understand the features of the outdoor unit. (4a)
- Understand the limitations of the system. (4a)
- Calculate the system refrigerant charge. (4a/4b)
- Design the refrigerant pipe work. (4a/4b)
- Understand the system power supply requirements. (4a)
- Design the system control wiring and understand the system address setting Configuration. (4a/4b)
- Understand the control system options and the configuration of each. (4a/4b)
- Design a complete VRF system for an example building using Design Simulator. (4a/4b)
- Website demonstration. (4a)
- Gain sufficient knowledge on leak detection solutions and when there is a requirement with EN378. (4a)



Course 5 - Full Day

VRF System Installation, Commissioning and Service Tool

Course Objectives

To develop an understanding of the Fujitsu VRF Systems. To develop a basic understanding of the design methodology relevant to Fujitsu VRF Systems. To obtain sufficient knowledge to install and commission these type of systems

Course Summary

Throughout this course with the use of extensive hands-on training, the delegates will:

- Understand the limitations of the system.
- Understand the pipe work design.
- Calculate the system refrigerant charge.
- Understand the system power supply requirements.
- Design the system control wiring and understand the system address setting configuration.
- Understand the control systems options.
- Set-up the system address configuration of the outdoor and indoor units.
- Understand how to start-up the system and test run.
- Understand the recommended installation procedures.
- Learn how to set up and operate the Central Remote Controller.
- Learn how to avoid common mistakes.
- Introduction to the new fault finding application.

Proof of Company F-Gas registration is required for this course.

A photograph of a training facility for Fujitsu VRF systems. The image shows several large, white, outdoor VRF units with circular fans. In the foreground, there is a dark grey panel with the text 'Fujitsu Training' and a paragraph about their commitment to training. The background shows more units and a clean, industrial environment.

Fujitsu Training

We are committed to training to help raise standards throughout the industry and have invested heavily in our state of the art training facilities.

Course 6 - Full Day

Advanced Course

VRF Advanced Service and Troubleshooting including Service Tool

Course Objectives

To develop a thorough understanding of Fujitsu VRF Systems. To obtain specialist knowledge to commission and troubleshoot this type of VRF system using the Service Tool Software.

Course Summary

Throughout this course with the use of extensive hands-on training, the delegates will:

- Understand the limitations of the system.
- Calculate the system refrigerant charge.
- Understand standard service procedures (including oil recovery, pump-down etc.).
- Use the CRC and TTPC as fault-finding tools.
- Learn fault-finding procedures.
- Understand the meaning of system error codes and how to rectify them.
- Learn component fault finding techniques.
- Learn how to commission and troubleshoot the system using the Fujitsu Service Tool Software.
- Introduction to the new fault finding application.

Cost: £125

Proof of Company F-Gas registration is required for this course.

Course 7 - Full Day

Advanced Course

VRF Central Controllers - Installation and Commissioning

Course Objectives

To develop a thorough understanding of Fujitsu VRF communication network and control options. To obtain specialist knowledge to install, commission and troubleshoot these types of VRF controllers, software and interfaces.

Course Summary

Throughout this course with the use of extensive hands-on training, the delegates will:

- Understand the limitations of the system and the control options.
- Install and commission Central Controllers (including software).
- Understand firmware and data transfer.
- Understand basic BMS contacts (e.g. Fire alarm and motion operation).
- Use the Central Controllers as a fault-finding tool.
- Learn fault-finding procedures and remote monitoring.
- Understand errors and error codes and how to rectify them.
- Introduction to the new fault finding application.

Cost: £125

Course 9 - Full Day

ATW Commissioning & Troubleshooting

Course Objectives

TBC

Course Summary

TBC

Course 10 - Full Day

AHU DX Kit and Freeverter options - Design, Installation and Commissioning

Course Objectives

To develop an understanding of the Fujitsu AHU options and control solutions. To obtain sufficient knowledge to install these types of systems.

Course Summary

Throughout this course with the use of extensive hands-on training, the delegates will:

- Selecting an AHU and the correct DX Kit.
- Installing DX Kit and
- Configuration.
- Control options, including external controls and BMS solutions.
- Commissioning.

5 & 7 Year Warranty

Membership Conditions

it is a condition of membership that during each qualifying year members complete the below:

Attend accreditation training sessions with Fujitsu course related to installation, commissioning or servicing of our product. These will be in person and over Webinar courses, as per the below:

Conditions	RAC/PAC	VRF
5 Years	Fujitsu online authorised training must be completed. (One complete online training course per 24 months, part one and part two of the same course)*	Fujitsu online authorised training must be completed. (One complete online training course per 24 months, part one and part two of the same course)*
7 Years	Fujitsu authorised training must be completed. (in addition to the 5 year warranty, one in person training course per 24 months)	Fujitsu authorised training must be completed. (in addition to the 5 year warranty, one in person training course per 24 months)

*Complete training course requires completing all modules (parts), for example, when Training course 1 is made up of parts 1&2, both parts/modules must be completed.

Proofs of a valid company F-Gas certificate will be provided.

We may at our absolute discretion vary membership requirements in a qualifying period for any reason at any time without notice.

Benefits:

1. Fujitsu agree to provide members with 5 or 7 years warranty whenever members purchase qualifying equipment either from a chosen distributor or from ourselves direct.
2. Fujitsu will provide you access to our technical document portal and webstore which includes:
Booking of training courses, Service Manuals, Other Documents related to the installation, commissioning and service of our units.

Fujitsu reserves the right to change the membership scheme at any time. it is the responsibility of the members to check the terms and conditions regularly to ensure they are aware of any changes made.

