

Training Catalogue



Daikin Australia

Founded in 1969, Daikin Australia has been providing air conditioned comfort for homes, commercial developments and community projects across Australia for over 50 years.

Market leader

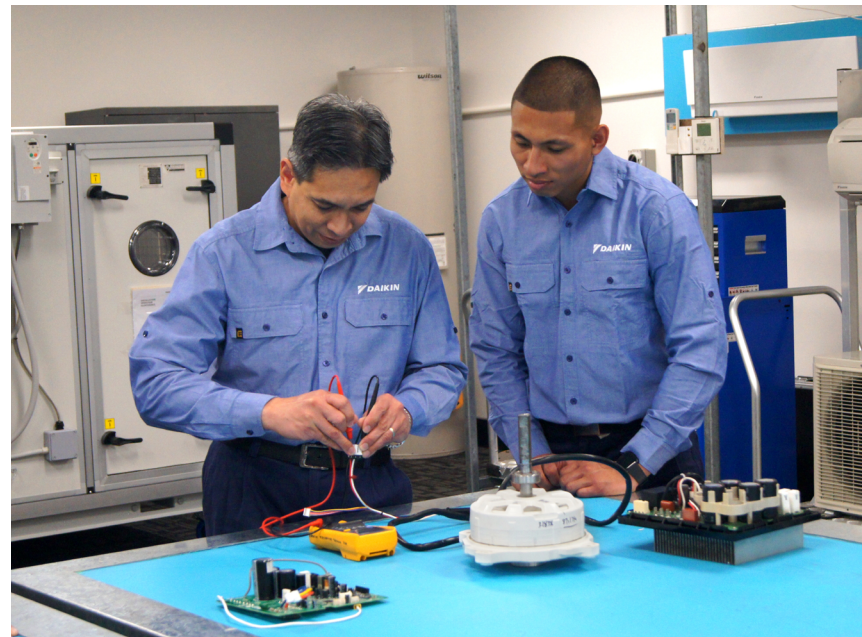
Daikin Australia is recognised as an expert in air conditioning. As specialists, air conditioning is all we do. As one of Australia's most trusted names in air conditioning, Daikin can be found in homes, offices, hotels and shops across Australia and around the world.

Quality after-sales support

As part of our commitment to ongoing service and quality, Daikin provides pre-sales and after sales support and advice to all our customers nationwide. Daikin has service centres based in all regional offices nationwide to assure satisfaction for our customers.

Australian Made products

Daikin has established world-class production facilities right here in Australia at our state-of-the-art manufacturing facility in Sydney that produces ducted indoor units and a range of commercial products.



Training Academy

Training facility

Daikin Australia is proud to present a range of training courses especially designed for air conditioning technicians. Our courses cover both domestic and commercial products and will reinforce 'industry best-practice' with regards to installation and servicing of Daikin products. Courses are aimed to help technicians improve their competence and daily performance.

Our qualified trainers have extensive HVAC industry and technical support experience. They all share a mutual passion for the industry and work tirelessly to help improve trade practices from apprentices to tradesmen.

Courses offered:

- › Room Air Installation and Service
- › SkyAir Installation and Service
- › VRV Service and Commissioning
- › Product Overview: VRV, VRV Package Unit, Altherma, Bluetooth D-Checker and Inverter Analyser

Locations

Sydney, Melbourne, Brisbane, Adelaide, Perth, Newcastle, Darwin

Why invest in training?

Daikin is committed to the development of technical capability through the Daikin Training Academy. By investing in training, technicians will gain product specific information necessary to establish a high level of proficiency and increase technician competence and confidence when servicing systems and controls by addressing a variety of topics related to HVAC.

DAIKIN
TRAINING ACADEMY

A group of students in a classroom setting, wearing yellow high-visibility shirts, are seated at long white tables, facing away from the camera towards the front of the room. The Daikin Training Academy logo is prominently displayed on the wall behind them.

RoomAir (RA) Courses

RoomAir Installation



Overview

The course outlines installation best practice. Using the Daikin installation manual and discussing on-site install challenges, pipe processing and commissioning practices of RA installation techniques.



The course covers

- › Pipe processing skills
- › Left- and right-hand side piping
- › Flaring procedure
- › Additional refrigerant calculations
- › Installation of a split system
- › Test run and data measurement



Who is it for?

4th year apprentices
1st year technicians
Any technician wanting to upskill installation skills



Course duration

1 day
2 days



Time

8.30am - 4.30pm



Location

Sydney

RoomAir Service



Overview

This course focused on refrigeration principles and its effects on a system through proper data measurements and diagnosis.



The course covers

- › Basic knowledge of room air conditioning
- › Installation
- › Operation mechanics
- › Knowledge of control (inputs, outputs, inverter, wiring diagrams)
- › Operating data measurements
- › Component replacement
- › Protection control
- › Abnormal operation
- › Malfunction diagnosis (fault codes, troubleshooting, field settings)



Who is it for?

Technicians who predominately work on room air systems.



Course duration

1 day



Time

8.30am - 4.30pm



Location

Sydney, Brisbane,
Melbourne, Adelaide,
Perth, Darwin

SkyAir (SA) Courses

SkyAir Installation



Overview

The course is an in-depth run through of SkyAir and light commercial installations, with industry best practices in mind.



The course covers

- › Safe work practices and workplace safety
- › Process of installation
- › Daikin installation, engineering and service manuals
- › Reading mechanical drawings
- › Practical exercises of unit locations (marking and installing)
- › Pipe processing revision
- › Flare procedures
- › Fixing selection
- › Installation of ducted systems
- › Additional refrigerant calculations
- › Commissioning and de-commissioning techniques



Who is it for?

4th year apprentices
1st year technicians



Course duration

1 day
2 days



Time

8.30am - 4.30pm



Location

Sydney

SkyAir Service



Overview

This course takes technicians through the skills needed to confidently service, diagnose and interrogate SkyAir systems.



The course covers

- › Refrigeration principles
- › Knowledge of SkyAir
- › Points of Installation
- › Service components
- › SkyAir control systems (functions, thermostat, indoor and outdoor controls)
- › Overview of controllers, field settings and settings via outdoor PCB.
- › Component replacement
- › Protection control
- › Abnormal operation
- › Malfunction diagnosis (fault codes, troubleshooting, field settings)
- › Emergency operation



Who is it for?

Technicians who handle SA Service and controls, specifically around abnormal operating conditions.



Course duration

1 day



Time

8.30am - 4.30pm



Location

Sydney, Brisbane,
Melbourne, Adelaide,
Perth, Darwin

VRV Courses

VRV Service



Overview

This course is intended to provide participants with the necessary knowledge required to understand detailed operation of Daikin VRV technology, familiarise technicians with components, controllers, wiring and equip them to solve VRV challenges on site.



Who is it for?

Service Technicians
Commercial Contractors
Daikin Trade Centre (upon request)



The course covers

- › Overview of VRV product and system
- › Power supply wiring
- › Remote, DIII net, and precautions for wiring
- › Overview of central control systems and remote controllers
- › Outdoor PCB settings and monitor mode
- › Controller and field settings, settings through monitor mode
- › Daikin BACnet
- › Concept of unit, groups and zones
- › Basics of VRV control
- › Refrigerant piping diagrams



Course duration

1 day



Time

8.30am - 4.30pm



Location

Sydney, Brisbane,
Melbourne, Adelaide,
Perth, Darwin

VRV Service Basic



Overview

This course is designed for technicians who have a basic understanding of the VRV product. It will introduce technicians on how to start to look at interrogating VRV systems and get them comfortable with testing and fault finding a VRV system. It will also give an understanding of refrigerant flows through a VRV system.



Who is it for?

Service Technicians
Commercial Contractors



The course covers

- › Refrigerant flow – modes of operation
- › Knowledge of malfunction diagnosis
- › Outdoor monitor mode
- › Operating data measurements
- › Indoor field settings
- › Outdoor setting mode 2
- › Practical; DC fan motors, pressure transducers, EEV, thermistors, inverter boards
- › Practical and theory assessments and final level check of skills



Course duration

1 day



Time

8.30am - 4.30pm



Location

Sydney, Brisbane,
Perth, Melbourne

VRV Courses

VRV Service Advanced



Overview

The course is designed for senior technicians who handle VRV troubleshooting and analysis. It is recommended for technicians with knowledge in Microsoft Excel. This course offers high standards of digital diagnosis in modern HVAC, using data collected on real world sites and gives emphasis to critical thinking during the analysis process.



Who is it for?

Service Technicians
Commercial Contractors



The course covers

- › Overview of D-Checker and connection
- › Recording and transfer of operating data to PC
- › Analysing raw excel data: applying filters, panes, on/off values, line graphs
- › Case study analysis on actual VRV systems
- › Practice and review diagnosis



Course duration

1 day



Time

8.30am - 4.30pm



Location

Sydney, Brisbane,
Melbourne, Perth

Note:

- This course is run on Invite Only Basis. please contact Training Academy for more details
- To be eligible to attend this course, proof of successful completion of VRV Service Basic is required.
- A laptop with Windows OS and MS Excel 2002 or latest is required.

VRV Installation & Commissioning



Overview

This course will cover factory recommended commissioning procedures and best practices to ensure a proper VRV system operation.



Who is it for?

Installers and contractors who are competent and licensed in light to heavy commercial installation.



The course covers

- › VRV Express and Nomenclature
- › Outdoor unit installation – clearances, servicing and foundations
- › Indoor unit installation – drain piping work
- › 3 basic principles of piping work
- › Nitrogen purging
- › Brazing works and residual oil precautions
- › Refrigerant pipes flushing
- › Piping – refnet system, branch selector units and piping guides
- › Additional refrigerant charge, heat pump and heat recovery
- › Electrical works
- › Field settings – indoor and outdoor
- › Commissioning – initialisation, test operation, checks, fault codes and non operation



Course duration

1 day



Time

8.30am - 4.30pm



Location

Sydney, Brisbane,
Melbourne, Adelaide,
Perth, Darwin

VRV Courses

VRV Package Unit

Overview
This course is for technicians who commission and service the product. It will also help in shorten diagnosis time on site with correct work procedures to identify components quickly.

The course covers

- › Overview; structure and build
- › Specifications
- › Component locations
- › PLC commissioning and settings
- › Fan controls
- › Damper operations

Who is it for?
Service Technicians
Commercial Contractors

Course duration
Half day

Time
8.30am - 12.30pm

Location
Sydney, Brisbane,
Melbourne, Adelaide,
Perth, Darwin

Altherma

Overview
This 2-day course covers in depth industry standards to domestic hot water and under floor heating applications. It is an introduction course to a new form of heat transfer. The schedule is flexible to suit the needs of attending contractors. Please contact us for more information.

The course covers

- › Concept of Daikin Altherma
- › Sizing and selection tools
- › Unit layout schematics
- › Hydraulic connections
- › Water quality and treatment
- › General wiring rules
- › Water flow rates and pump requirements
- › Controller; basics, settings
- › Commissioning overview
- › Technician field settings and end user settings
- › Service and maintenance; cleaning, electrical, hydraulic and air intake.

Who is it for?
Service Technicians
Commercial Contractors

Course duration
1 day

Time
8.30am - 4.30pm

Location
Sydney, Melbourne,
Perth, Adelaide

Web Based Training

Web Based Training (WBT) is an online portal with over 100 different courses

Overview
WBT allows anyone working in the HVAC industry to learn at a self-paced rate. Daikin offers online courses from basic air conditioning, customer service to fault code test procedures.

Who is it for?
Office administration
Apprentices
Technicians
Management employees

The course covers

- › Introduction to air conditioning
- › Principles of refrigeration
- › Standard operating states
- › Air cooled and water-cooled systems
- › Primary components
- › Psychrometric charts
- › P-h charts
- › Coefficient of performance
- › Basic works
- › Test run procedures
- › Central controllers
- › Troubleshooting; fault codes, inspection modes, malfunction codes A3, A0, E3, C4, U4, L5, U1 and more
- › Installation
- › Product knowledge
- › Refrigerants
- › Customer satisfaction
- › Danger prediction training
- › Altherma

Note: For training requirements outside the nominated subjects, please contact the training department at TrainingAcademy@daikin.com.au



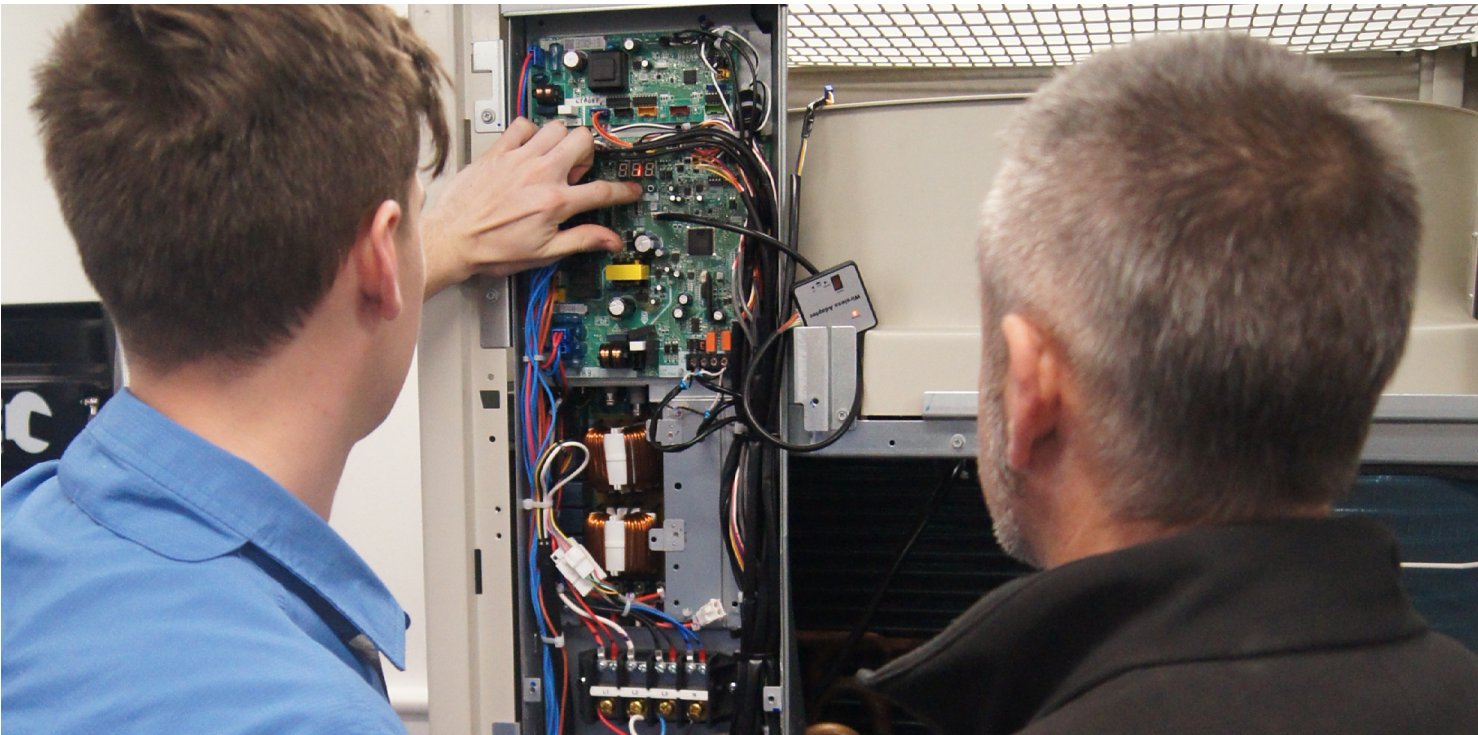
Registration & Enrolment

To enquire about courses being held, locations and availability please contact Daikin Australia at **TrainingAcademy@daikin.com.au** or by phone on **1300 362 438**.

All courses are designed for trade qualified technicians, and therefore are not suitable for apprentices below the 4th year level. Apprentices are invited to show interest provided they are accompanied by a qualified technician from the same company. Daikin Australia requires proof of a full unrestricted ARC license before attendance.

Due to high demand for Daikin Training we reserve the right to limit or reschedule bookings to accommodate a 'fair-go' for all. All enrolments are on a first in first served basis.

Certificate of Attendance at the training can be issued, please speak to Daikin Training Academy. All courses are free of charge to Daikin account holders.



The greater Daikin Technical team have a voice and face to face reach of over 50,000 customers annually. We use this platform to promote e-friendly ways to conduct support and training. The greater Daikin Technical team will do their overall best to contribute to environmental protection and sustainability by not printing any material, therefore finding new and better ways to do normal business. The Daikin Technical team are passionate about environmental protection and sustainability.

Daikin Technical Training Course Enrolment Form

Company Details

Company Name		
Postal Address		Town / Suburb
State	Post Code	Contact Person
E-mail	Mobile Phone	

Participants' Details

Participant Name	Email	Course Title	Course Date	Refrigerant Handling Licence Number

- PLEASE NOTE**
- Please e-mail this form to **TrainingAcademy@daikin.com.au**
 - Courses are designed for trade qualified personnel, therefore not suitable for apprentices below the 3rd year.
 - Apprentices attending will only be allowed with a qualified tradesman from their company.
 - Applicants will be placed on a waiting list if a class session reaches maximum capacity and notified when seats become available.
 - If your company would like a separate day of training, please email your request.
 - Bookings are on a first come first served basis. Only enrolled participants are allowed to attend.
 - Confirmation of course enrolment will be sent within 5 working days to the main contact person of your company.

Daikin Training Academy

Daikin Park, Building 4
200 Governor Macquarie Drive
Warwick Farm, NSW 2170
Phone: 1300 362 438
E-mail: TrainingAcademy@daikin.com.au

Offices

HEAD OFFICE SYDNEY

62-66 Governor
Macquarie Drive
Chipping Norton NSW 2170
Phone: 02 9725 8888

BRISBANE

Daikin Park , Building 1/33
Goodman Place
Murarrie, QLD 4113
Phone: 07 3347 3636

NEWCASTLE

56 The Avenue
Maryville NSW 2293
Phone: 1300 510 529

TOWNSVILLE

25 Dalrymple Rd
Garbutt QLD 4814
Phone: 07 3347 3677

CANBERRA

139 Canberra Ave
Fyshwick ACT 2609
Phone: 1300 368 300

DARWIN

1/3 Swan Crescent
Winnellie NT 0820
Phone: 08 8947 4290

MELBOURNE

15 Nyadale Drive
Scoresby VIC 3179
Phone: 03 9237 5555

PERTH

297 Selby Street North
Osborne Park WA 6017
Phone: 08 9353 8555

TASMANIA

Level 6 111 Macquarie Street
Hobart TAS 7000
Phone: 03 9237 5555

ADELAIDE

7 Brandwood St
Royal Park SA 5014
Phone: 08 8193 2300



Daikin Australia Pty Limited ABN 62 000 172 967

General enquiries 1300 362 438 | TrainingAcademy@daikin.com.au

After Sales Support: service@daikin.com.au

Scan the QR
code for more
information

