

# Certificate II in Split Air Conditioning and Heat Pump Systems (UEE20120)

## IS THIS COURSE FOR YOU?

This VIC funded course is designed for licenced Electricians, qualified Plumbers\* or Gas Fitters\*, 4<sup>th</sup> Year Apprentice\* and Non Electrical\* Workers who want to expand their skills into split air conditioning and heat pump systems (\*pre-requisites apply).

You will gain the knowledge and practical skills to install, start up and commission single head split system air conditioning units including wall hung, floor and ceiling suspended, cassette, ducted fan coil split systems and water heating heat pump systems.

## LICENCING OUTCOMES

Upon successful completion, you can apply for your Arctick licence to handle refrigerant gas (reminder that you must have the in class licence to attend training).

Note: Installing and decommissioning split system air conditioners in Victoria requires separate state licensing. We recommend checking your individual licensing requirements with the relevant Victorian authority before enrolling.



## How is this course delivered?

### Theory – Online Self-Paced

Must be completed online self-paced **prior** to the face to face practical course date which consists of three separate online written assessments.

### Practical – Face to Face up to 3 days

Day 1 & 2 of the practical is completed face to face at our training centre in Thomastown, where you will complete your first installation sign-off.

Day 3 will include your second installation sign-off under supervision of our trainer and assessor – schedule times will vary and be advised by your trainer during the first 2 days.

## Course Inclusions | Requirements

- Training and assessment materials – Inclusive of resources required to undertake practical training
- Online student portal access – own mobile to received OTP (One Time Password for access)
- Students are required to have access to a laptop or computer with Microsoft Office and have a stable internet connection to complete the theory component.
- To complete the course you are required to have digital literacy and a minimum level of LLN. For students with a concern of requirements, you have the ability to complete a digital literacy assessment prior to enrolling. Reach out to our training team for access.
- Students are **required** to apply for an in-class Arctick Licence prior to attend of the practical. This licence may take up to 2 weeks to gain, please ensure that you apply early.

## Qualification Outcome

Successful students will receive a nationally recognised Qualification:

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## Application Process

Places are limited – apply via the pre-course enrolment application on our website

Visit our website or contact us at [training@voltage.com.au](mailto:training@voltage.com.au)



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# Course Structure and Units of Competency

| Core Units |                                                                                              | Weighting Points | Delivery Model Options                           |
|------------|----------------------------------------------------------------------------------------------|------------------|--------------------------------------------------|
| UEERA0049  | Install and start up single head split air conditioning and water heating heat pump systems* | 70               | Theory Online Self-Paced and Practical with VE   |
| UEERA0059  | Prepare and connect refrigerant tubing and fittings*                                         | 40               | Theory Online Self-Paced and Practical with VE   |
| UEERA0064  | Recover, pressure test, evacuate, charge and leak test refrigerants - split systems*         | 60               | Theory Online Self-Paced and Practical with VE   |
| UEECD0027  | Participate in development and follow a personal competency development plan                 | 20               | Credit Transfer, RPL or Theory Online Self-Paced |
| UEECD0007  | Apply work health and safety regulations, codes and practices in the workplace               | 20               | Credit Transfer or Theory Online Self-Paced      |
| UEECD0016  | Document and apply measures to control WHS risks associated with electrotechnology work*     | 20               | Credit Transfer or RPL only                      |
| UEECD0019  | Fabricate, assemble and dismantle utilities industry components*                             | 40               | Credit Transfer or RPL only                      |
| UEECD0020  | Fix and secure electrotechnology equipment*                                                  | 20               | Credit Transfer or RPL only                      |
| UEECD0051  | Use drawings, diagrams, schedules, standards, codes and specifications*                      | 40               | Credit Transfer or RPL only                      |
| UEERE0001  | Apply environmentally and sustainable procedures in the energy sector                        | 20               | Credit Transfer or RPL only                      |

| Imported and common elective units - 20 POINTS REQUIRED |                                                                                                  | Weighting Points | Delivery Model Options         |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------|--------------------------------|
| UEECO0017                                               | Source and purchase material/parts for installation or service jobs                              | 20               | Theory Online Self-Paced       |
| BSBOPS203                                               | Deliver a service to customers                                                                   | 20               | Credit Transfer only available |
| CPCWHS1001                                              | Prepare to work safely in the construction industry                                              | 10               | Credit Transfer only available |
| HLTAID009                                               | Provide cardiopulmonary resuscitation                                                            | 10               | Credit Transfer only available |
| UEECD0035                                               | Provide basic instruction in the use of electrotechnology apparatus                              | 20               | Credit Transfer only available |
| UEECO0002                                               | Maintain documentation                                                                           | 20               | Credit Transfer only available |
| UEECO0016                                               | Receive and store materials and equipment for electrotechnology work                             | 20               | Credit Transfer only available |
| UEERA0035                                               | Establish the basic operating conditions of air conditioning systems*                            | 20               | Credit Transfer only available |
| UEERL0001                                               | Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply* | 20               | Credit Transfer only available |
| UEERL0003                                               | Conduct in-service safety testing of electrical cord connected equipment and cord assemblies*    | 20               | Credit Transfer only available |

## Eligibility Requirements

To be eligible you must be at least one of the following:

- A licensed electrician holding a current electrical work licence.
- A qualified plumber or gas fitter interested with recognition of prior learning (RPL) for the units below.
- A 4th electrical apprentice who has successfully completed the units of competency below and has at least two years of industry experience.
- For non-electrical workers – recognition of prior learning (RPL) for the units below may offered if you have a trade qualification in plumbing/gas fitting.

*Before attending the course, students must also apply for a Classroom Trainee Refrigerant Handling Licence. This can take up to two weeks to obtain the licence, so please apply early.*

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