

Career Profile: Air Conditioning & Refrigeration



Air-conditioning and Refrigeration Mechanics assemble, install, service and repair industrial, commercial and domestic refrigeration and air-conditioning systems in homes, shops, factories, office buildings, sporting facilities and hospitals.

Qualification

Certificate III in Air-conditioning and Refrigeration Servicing Sector

Residential / Commercial / Resources

What does a typical day look like?

Each day can be different and vary depending on the job, and you may be involved in:

- ▶ Following plans, blueprints and specifications to assemble and install refrigeration or air-conditioning components/systems.
- ▶ Working with electricians, pipe fitters and carpenters, installing ducting for air-conditioning
- ▶ Starting up, calibrating, testing lines, recording readings and detecting leaks or issues with a system or unit
- ▶ Servicing faulty industrial and household refrigerators and air-conditioning units and repairing or replacing faulty parts

Skills and personal qualities

- ▶ Interpreting technical drawings, blueprints and plans
- ▶ Attention to detail
- ▶ Have a careful, methodical and accurate approach to work
- ▶ Problem solving skills
- ▶ Work as a team or independently
- ▶ Be able to work at heights
- ▶ Adaptable to changing technology
- ▶ Enjoy doing a practical job and have mechanical ability
- ▶ Safety awareness Good Time management, numeracy, reading and writing skills

How to get started

To become a fully qualified tradesperson you will need to complete an apprenticeship, Certificate III in Air-conditioning and Refrigeration. You can get a head start on this career by completing a pre-apprenticeship course to gain a Certificate II in Split Air-conditioning and Heat Pump Systems.

Future Pathways and opportunities

- ▶ Trainer and Assessor, Supervisor or Senior Manager
- ▶ Business owner or sub-contractor



Next Steps

Further information can be found at:

- ▶ Job Outlook – www.joboutlook.gov.au
- ▶ Energy Safety – <https://www.commerce.wa.gov.au/building-and-energy/electrical-licence>

- ▶ Jobs and Skills WA – www.jobsandskills.wa.gov.au
- ▶ Australian Apprenticeship Pathways – www.aapathways.com.au
- ▶ Australian Apprenticeship Support Network Providers – www.australianapprenticeships.gov.au
- ▶ Australian Refrigeration Council – <https://www.arctick.org/>