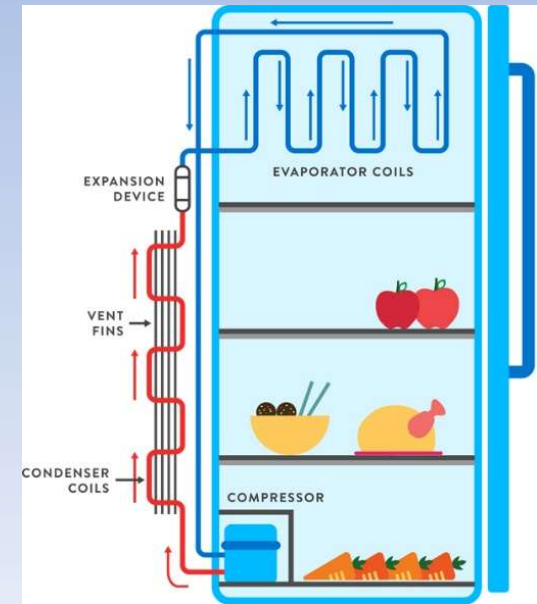
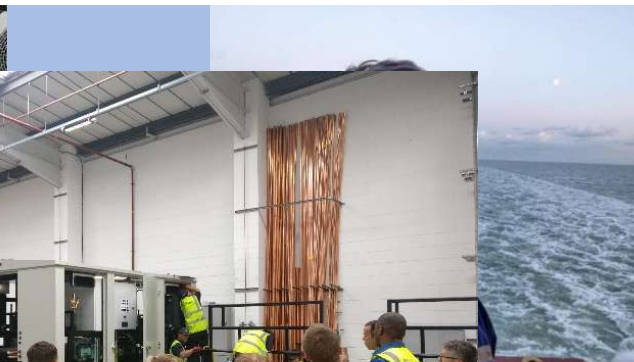
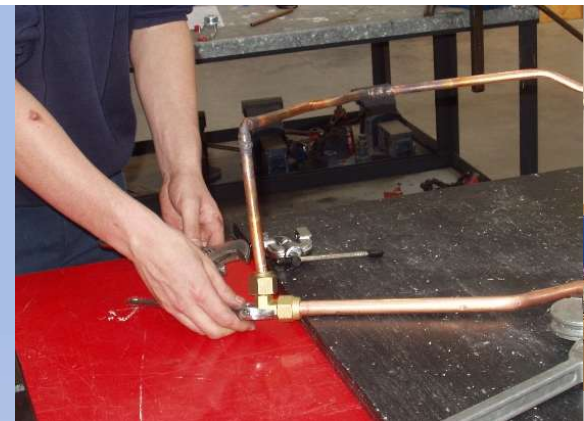


Refrigeration, air conditioning and heat pump engineering careers



Science Technology Engineering Maths – STEM

**What kind of
people become
Engineers?**



I am an engineer. And I work in ..

Name :

Job :

Company :

Specialism :

Education :

Add picture of
you at work



What does an Engineer do?

Engineers apply scientific principles to analyse, design, invent, code, build, and create to **solve problems** and make the world a better place. One of their most important tools is their own **creativity**.

**There are lots of
different of types
of Engineer**

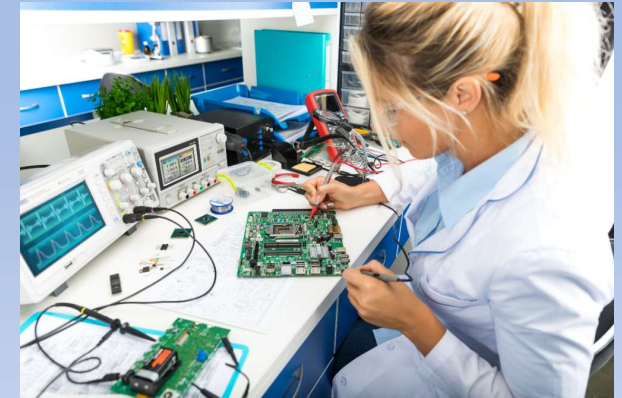
Chemical Engineer



Mechanical Engineer



Electrical Engineer



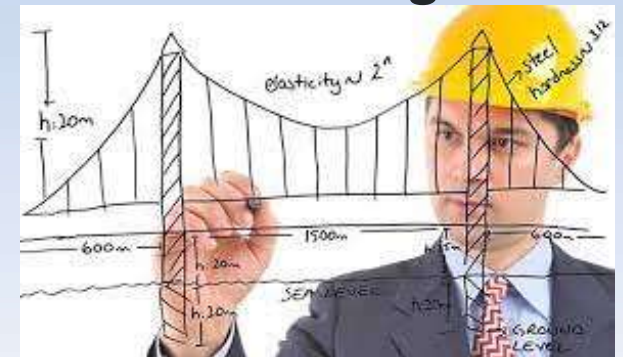
Aerospace/Aeronautical



Civil Engineer



Structural Engineer



Biomedical Engineer



Robotics Engineer



Marine Engineer



Software Engineer



Materials Engineer



Manufacturing Engineer



Can engineering help save the planet?

Energy storage



Heat recovery



Clean Water



Heat Pumps



Green energy



Reducing Food Waste



The role of refrigeration, air conditioning and heat pumps

- We don't make domestic fridges.
- We make the big refrigeration and air conditioning equipment used in supermarkets, offices, shops or big industrial applications
- How much of your local supermarket has frozen or refrigerated cabinets and fresh fruit or meat that needs to be kept at cold?



**Why do I love my
job in
refrigeration?**

- ✓ No two days are the same.
- ✓ The work is interesting – I get to travel and work in different locations with different people and use maths and science in a practical way to help provide solutions
- ✓ I get to address real world challenges, help customers reduce energy and protect the environment
- ✓ There are lots of different types of jobs and roles with good training and career development opportunities
- ✓ The sector is growing and there are lots of job vacancies (and good pay and benefits)

Some of the types of jobs in RACHP

Sales Engineer



Process Engineer



Marketing and Strategy



Applications Engineer



Design Engineer



Technician Engineer



Different routes into RACHP careers

T Levels

- Building Services T level with RAC Units
- Study at School/College
- Includes Work Experience with an employer

Apprenticeships

- Level 3 Engineering Technician Apprenticeship
- Earn while you learn
- Mix of college and work-based learning

Degrees

- Study maths, engineering, building services, environmental engineering
- BSc, BEng, MSc and Post Graduate study

Employment

- Find an entry level job with a local employer
- Study relevant qualifications and training