

The OzonAction Refrigeration and Air-Conditioning Technician Video Series consists of instructional videos on techniques, security and best practice and flammable refrigerant safety. They are intended to serve as a complementary training tool for refrigeration and air-conditioning (RAC) sector servicing technicians to help them revise and retain the skills they have acquired during hands-on training. The videos are not intended to replace structured formal technician training, but to supplement and provide some revision of tips and skills and to build on training already undertaken.

These videos are based on the successful UNEP OzonAction smartphone application, the "RAC Technician Video Series" app. This application has been downloaded on more than 86,000 devices since its launch.

Following many requests to make the videos more versatile and better suited to classroom and training settings, OzonAction has responded to this demand and produced two 'full-length' instructional videos.

"By popular demand!"

Flammable Refrigerant Safety

- Flammable refrigerant safety overview
- Specialist equipment and tools
- Handling, transport and storage
- Safety features of a hydrocarbon system
- Working with flammable refrigerants
- Flammable refrigerant recovery
- Leak detection
- Preparing for repair and charging
- Preventing accidents

"Better suited to classroom and training settings"

Techniques, Safety and Best Practice

- Basic Tools
- Copper Tube Handling
- Bending
- Copper-Copper Connections
- Copper-Brass Connections
- Flaring
- Press-Fit Connections
- Leak Detection
- Evacuation
- Refrigerant Charging
- Connecting Unit to Manifold
- Electronic Leak Detection
- Refrigerant Recovery
- Thermal Insulation
- Preparing Cables



Viewing the videos



The Refrigeration and Air-Conditioning Technician Video Series consists of two 'full-length' instructional videos. You can watch these on the OzonAction YouTube Channel:

1. Techniques, Safety and Best Practice

<https://youtu.be/JNBgXqAWkwU>

2. Flammable Refrigerant Safety

<https://youtu.be/PcioFs56T8g>



The videos are also available for download by request from UNEP OzonAction:

unep-ozonaction@un.org



About

The videos form a part of the UN Environment Programme (UNEP) OzonAction's portfolio of activities and tools to help enhance the knowledge and skills of technicians in the servicing and maintenance of refrigeration and air-conditioning systems. OzonAction provides assistance to various stakeholders in developing

countries, including technicians, to achieve and maintain compliance with the Montreal Protocol on Substances that Deplete the Ozone Layer. The videos were produced in collaboration with Bundesfachschule Kälte Klima Technik.

Smartphone Application

If you prefer to access the video clips via the OzonAction smartphone application, just search for "RAC Technician Video Series" or UNEP in the Google Play Store and iTunes/ App Store or scan the QR code – **free to download!**



86,000 downloads
to date

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