

It is Association's pleasure to introduce you to

ESCO LEARNING NETWORK

ESCO Institute elearning center, the ESCO Learning Network (ELN)

ESCO lead the country in providing training and testing for the EPA 608 test. Since those early days, ESCO has extended their educational reach to providing, online webinars, hard copy and online training classes, college HVACR training program National Certification as well as pioneering remote 608 testing.

The ESCO Institute elearning center, the ESCO Learning Network (ELN) gives you access to digital curriculum, immersive learning, streaming videos, webinars, industry news and the work bench series, a compilation of short, concise videos targeting specific aspect of what the average HVACR service technician is likely to encounter in the field.

Some the material is free and others at a very nominal price. It can be used in company training programs as well as accredited college programs.

FREE Recorded Webinars

The screenshot shows a webpage for a recorded webinar. At the top, it says 'Recorded Webinars' and 'Expansion Device Characteristics Part 1: Fixed Orifice Webinar Replay'. Below this, it indicates '1 Lessons' and 'Free'. The main content area is titled 'Calculating Super Heat' and features a diagram of a coil with a thermometer. The diagram is labeled with '18 psig' and '28F'. Text next to the diagram reads: 'Superheat = leaving temp - saturation temp = 28F - 20F = 8F'. Below the diagram, it says 'For R-134a, Saturation Temperature @ 18 psig = 20F (From a P-T chart)'. The Danfoss logo is visible in the top right corner of the diagram area.

Expansion Device Characteristics: Part 1 - Fixed Orifice

<https://elearning.escogroup.org/courses/take/copy-of-airflow-101-webinar-replay/lessons/12038762-watch-the-replay-of-the-expansion-device-characteristics-part-1-fixed-orifice-webinar>

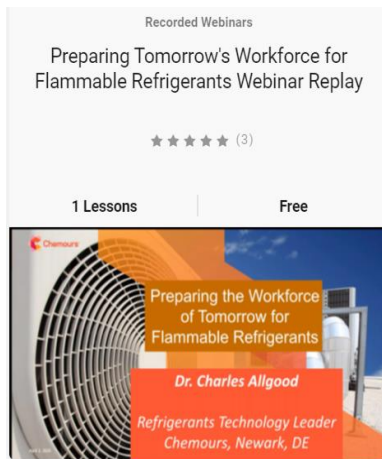
Webinar Replay

Jamie Kitchen, Sales Engineer of Danfoss, presents
Expansion Device Characteristics: Part 1 - Fixed Orifice.

Webinar Description: This webinar will cover the characteristics of both fixed and adaptive expansion devices including, piston/simple orifice, cap tube, TXV and EEV's. Focus will be on design, applications and responses to changes in both evaporator loads as well as changes in ambient conditions with the benefits and drawbacks of each design. Selection criteria will also be included.

Presentation will be in 3 parts: Fixed Orifice, Mechanical Adaptive, and Electronic Adaptive.

After watching the webinar replay, participants will earn a certificate of completion with CEUs/CEHs.



Preparing Tomorrow's Workforce for Flammable Refrigerants

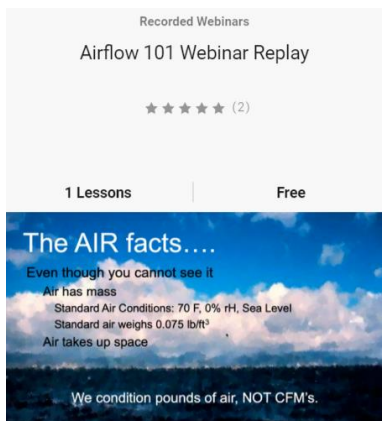
<https://elearning.escogroup.org/courses/preparing-tomorrow-s-workforce-for-flammable-refrigerants>

Webinar Replay

Charles Allgood, Refrigerant Technology Leader of Chemours, presents Preparing Tomorrow's Workforce for Flammable Refrigerants.

Webinar Description: As the HVACR industry makes the transition to more sustainable refrigerants, there will be a need for a highly trained workforce capable of safely and effectively installing and servicing equipment charged with flammable refrigerants. This session will equip instructors with a solid foundation of flammability as it relates to refrigerants, including the basics of how flammability is determined, standards, definitions, and the practical differences between flammability classes (1, 2L, 2, and 3) and various building codes. Participants will also learn the hands on procedures and techniques that will be required of technicians working with flammable refrigerants.

After watching the webinar replay, participants will earn a certificate of completion with CEUs/CEHs.



Airflow 101

<https://elearning.escogroup.org/courses/airflow-101-webinar-replay>

Webinar Replay

Bill Spohn, President of TruTech Tools, LTD, presents Airflow 101

Webinar Description: Learn the science behind good airflow measurements. Better understand how to make a good measurement.

After watching the webinar replay, participants will earn a certificate of completion with CEUs/CEHs.