

FREE CPD Seminar

Introduction to and application of heat pumps

Now Available
Online



What will be covered on the day?

- Introduction to commercial heat pump technology.
- Focus on how to effectively apply heat pumps to commercial projects.
- Basic principles of vapour compression cycle and limitations.
- Advantages and disadvantages of commonly used refrigerants.
- Example schematics of new and existing systems with/without DHW preparation.

Who should be attending?

- The seminar is suitable for professionals from graduate to senior level, with either mechanical or electrical backgrounds.
- It would also benefit consultants, facility managers, procurement managers and local/health authority staff who are responsible for specifying heating and hot water equipment.

How long is the CPD?

- The presentation last from 45 minutes to 1 hour.

What are the benefits of attending ELCO's CPD?

- Increase your knowledge of heat pump technology and system design.
- Learn the benefits of integrating heat pumps into commercial projects.
- Better understand heat pump designs and the applications for each.
- Courses held all year round
- Receive an extremely useful handout with essential information from the course, including the latest relevant legislation and incentives.
- All ELCO CPDs count towards a CIBSE member's annual CPD hours.
- You will receive a certificate of attendance and your self-assessment form for future reading.

Book your CIBSE approved CPD today!
(limited places available)

Call: 0345 646 0442

Email: enquiries@elco.co.uk



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ELCO Range Overview

Commercial gas range

Gas condensing boilers – wall mounted & floor standing
34 – 2000 kW

Combined heat and power units (CHP)
2 – 50 kW_{el} / 5 – 100 kW_{th}



**STAINLESS STEEL
HEAT EXCHANGERS**
in all of our boilers

Heat Pumps

Air source heat pump –
24kW to 88kW

Ground source heat pumps –
6kW to 43kW

NEW



CHPs

Combined heat and power units (CHP) –
2 – 50 kW_{el} / 5 – 100 kW_{th}



Hot Water

Gas fired stainless steel condensing
water heaters

Gas fired condensing stainless steel
water heaters – with storage

Calorifiers – Single Coil and Twin Coil
available in two options stainless steel
and mild steel with a patented liner
500 – 3000 L

Tank in tank stainless steel
cylinders – 200-500L



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PRODUCTS

Oil, gas & dual fuel

Oil condensing boilers –
floor standing

Burners – gas, LPG, oil, dual fuel
On/off, High/Low, Modulating
(depending on application)



HIU

Indirect heating and instantaneous DHW

Indirect heating and stored DHW

Indirect heating and separate cylinder
for stored DHW

Combined heating, cooling and
instantaneous DHW

Cooling only unit



Accessories

Controls, flue gas systems,
pressurisation units, low
loss headers, plate heat
exchangers, cascade kits, shunt
pumps and expansion vessels

