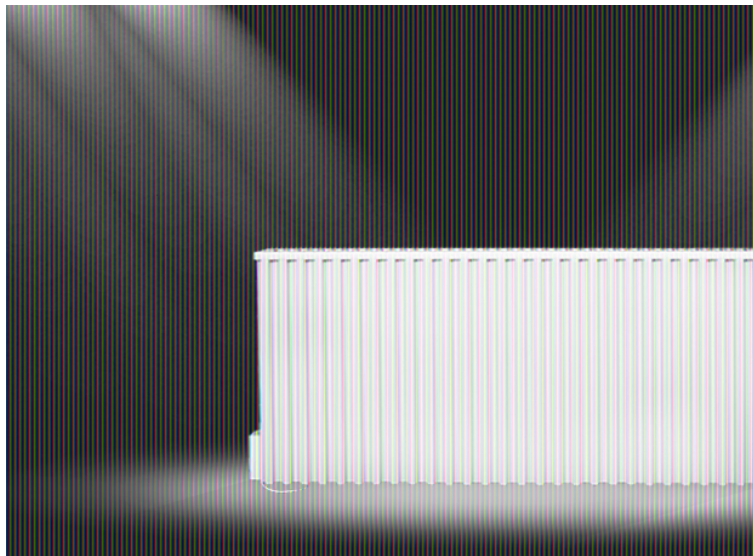


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CPD Overview



Available CPD Material (5)



Design Denotes Function

This seminar looks at the factors that affect the design of heating systems. It will help you to understand the following topics:

- Understand government policies and environmental issues that affect the design of heating systems for current and future demands
- Understand appliance design
- Understand heating control system design

Material type: Seminar

Complying with the Future



This seminar looks at the Building Regulations that affect the design of heating systems. It will help you to understand the following topics:

- Understand the Building Regulations that apply to heating systems in relation to energy efficiency, insulation and heating controls
- Understand the limitations of commonly used heating systems
- Understand alternative means of compliance

Material type: Seminar

We Are Getting Warmer: A Cold Hard Analysis of Heating



This seminar looks at the rising expectations of clients for a comfortable heated environment and ambient air temperature. It will help you to understand the following topics:

- Understand why there are rising expectations for comfortable ambient air temperatures
- Understand what criteria can be used to judge heating systems, including energy efficiency
- Understand how to use these criteria to assess alternative heating systems
- Understand tools available by which to balance the often conflicting demands of sustainable systems, cost and client comfort

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture

Knowledge level: General Awareness

Carbon, Specification, the User and Nudge: The Behavioural Economics of Heating



This CPD provides an introduction to behavioural economics and looks at the way people use heating controls. It will help you to understand the following topics:

- Understand behavioural economics as it pertains to heating and why architects need to know about nudge
- Understand why consumers have demands of heating that go beyond stated needs and do not act either in their own or the wider interest with respect to energy consumption
- Understand research on what users say they want from heating controls and on how they actually use them
- Understand what would constitute effective heating control with emissions and comfort in mind and how to specify a control system that meets both the public interest and that of the user

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



Space Heating & Hot Water Systems - Zero Net Carbon Emissions

The purpose of the CPD is to provide information for the specification of sustainable Space & Water Heating Systems for domestic or commercial buildings reducing energy consumption or maximizing internally where possible the energy generated on site, reducing environmental impact with Zero Emissions. The CPD covers: -

- Solar & Batteries
- Heat Pumps (Air to Water)
- Buffer & Hot Water Tanks
- Heat Batteries (Aquafficient)
- Aquafficient Eco+ (Internal Heat Pump)
- Electric Boilers
- Electric Heaters

By the end of the CPD you should have a greater understanding of:

- Climate Change and the drivers for change.
- National Grid Energy Forms G98 & G99, design considerations for solar & Batteries.
- Heat Battery, how they work and their applications.
- Internal Heat Pump, their use for hot water and where to site them.
- The different heating option, Heat Pumps, Electric Boilers and Electric Heaters.

Material type:

Seminar

Classifications

Subject/Product Areas (CI/SfB)

Services

Space heating > Electric fires and room heaters

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*