

# Getting chilly now

The new Air Conditioning and Refrigeration Show in Birmingham, UK promises chilling innovations

The Air Conditioning and Refrigeration Show ([ACR Show](#)), will take place at the NEC in Birmingham, UK (pictured below) from 13 to 15 March 2012. The new exhibition is for industry and cooling equipment end users whose businesses rely on air conditioning and refrigeration plant and equipment.

The event will showcase products and technology coming on-stream across the commercial and industrial refrigeration and air conditioning sector and get up-to-date with the latest legislation and technical trends. Visitors will also have access to three days of seminars, which will run throughout the show.

Air conditioning and refrigeration equipment accounts for around 20 per cent of total UK energy consumption. With energy prices rocketing, cutting running costs is a key issue for end users. This will be reflected in the presentations showing how the trade and end users can cut running costs and carbon emissions from cooling plant.

## Heat pumps

Heat pumps are seen by many as one of the most promising technologies for harnessing renewable energy. They are able to harness free energy from the air, ground or water and use it to deliver low-cost heating for homeowners or commercial and public buildings.

Today's heat pumps can cut energy costs by as much as 50 per cent, while ensuring high quality comfort conditions for building occupants. The heat pump arena will play host to companies who specialise in heat pump technology and services.

The show will also feature a Skills Centre with training experts on hand to provide visitors with information on air conditioning and refrigeration courses and grants available.

Located on the show floor, the Skills Centre is being supported by the industry key training bodies SummitSkills, City & Guilds and BEST (Building Engineering Services Training), with senior representatives available during the show. Chris Bailey from City & Guilds will be available throughout the show to give visitors advice on qualifications and details about the work of the organisation.

## New technology

Ziehl-Abegg UK Ltd will launch its ECblue Cpro technology at the show. The ECblue Cpro is Ziehl-Abegg's latest radial fan. (Stand H37).

Monitoring and detection specialist a1-cbiss (on stand B39) will show its latest Arms V2 and Inficon handheld refrigerant leak detectors. Meanwhile, GEA Searle will be launching its new PG gas cooler on stand H51 as well as displaying its TEC cooler, KEC cooler, NSQ condensing unit, gas cooler and Dawmec compressors.

Karyer Heat Exchangers will showcase new small tube heat exchangers for use with R410, CO<sub>2</sub> and hydrocarbon refrigerants for use in air-conditioning, heat pumps and refrigeration. (Stand D9).


GEA Refrigeration Components will be extending its Grasso V Series range of compressors on stand H51.

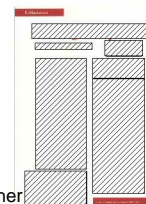
Coldkit UK will exhibit its new range of cabinets designed to meet the requirements of small food shops, where there is a need maximum performance in terms of capacity and presentation, but with compact dimensions to occupy as little space as possible. (Stand G1).

Refrigerant specialist A-Gas UK will promote the R407F Genetron Performax LT refrigerant, claimed to "deliver the best performance, cost savings and the lowest carbon footprint compared with all commonly used refrigerant blends". It is designed as a replacement for R404A and R407A in supermarket applications. (Stand J25).

Koolbreeze will display its new Kompact range of portable air conditioners.

Testo will showcase the latest refrigeration manifolds, vane anemometers, and multi-function measuring instruments for ventilation and air conditioning and indoor air quality. (Stand A5).

Compressor manufacturer Officine Dorin will be launching its CD, HEX and He-ecopremium ranges at the show. (Stand C26). 



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