

Case study 314

Dairy Show Requires Cooling

Every year, a nationally-renowned dairy farm in Warwickshire hosts a cattle show which is visited by hundreds of people from across the country. The event is hosted by an independent body dedicated to representing the general interests of British dairy farmers and is regarded by associates of the industry as a great opportunity to discuss produce, stock and ways to improve efficiency. An annual show in the West Midlands is just one of many lobbying activities and its continued success is vital for all organisation members going forward.



In order to keep both animals and visitors comfortable during the exhibition, we provided a variety of equipment with the intention of keeping the entire location cool. Following a site visit, our technicians recommended and delivered a large chiller, 12 air handlers and ten ASF50 cooling fans. The chiller helped generate large quantities of cold air which was then redistributed to different parts of the area via ducting. Fans were also chosen to supplement the main unit and enabled fresh air to be circulated around the whole premises.



It was essential for farmers that cattle remained cool throughout as these are sold in auctions during the event itself. In addition to trading purposes, livestock also participate in various competitions – making it imperative for them to be kept in reasonable conditions. The solution we deployed was therefore fine-tuned to accommodate the unique demands of our client. This proved to be highly effective, and the customer has since intimated that they will require our services once again when next year's event takes place.



Nominal cooling duty 375 kW 1,279,500 btu
Control Automatic programmer
Power supply 415 V 3 ph +E 50 hz Run 199 A
Plug type Hard wired
Noise level (max) 70 dBA @ 10 metres
Average power consumption 99 kW/hr
Weight 4,800 kg
Generator size 200 kVA dependent on system
resistance and pump size
Dimension 6,058 x 2 438 x 2 591 mm
Water connection 4" Bauer



HIRE SALES SERVICE INSTALL

0800 211 611

andrews-sykes.com