

Case study 319

Cooling For Lawn Tennis Club

Firmly established as the UK's leading specialist hire company, Andrews Chillers have both the resources and expertise to accommodate even the most obscure demands. We pride ourselves on providing customers with bespoke solutions modified to a client's independent needs, and have experience working on projects across a full spectrum of sectors. By operating a 24 hour service, we guarantee to offer customers emergency assistance – whether preparation has failed or existing systems have broken down.

This has allowed us to develop relationships with businesses nationwide – many of which belong to the sports event industry. One of these recently contacted us seeking air conditioning for its premises, prior to a tournament commencing. The client – one of the world's most prestigious lawn tennis clubs – required cooling equipment for its VIP dining facility, as well as a converted players' lounge. With temperatures approaching 30°C, both facilities had become excessively warm which could have potentially affected both spectators and participants.

A technician visited the premises ahead of the tournament and conducted a thorough site survey. This allowed us to have a better idea of the application's size and needs and thus easier to calculate the capacity of unit required. Following this assessment, it was decided that a 200kW fluid chiller would adequately cool both areas, and this was accompanied by air handlers and a generator. This system was installed and fully functional the day it was delivered and remained in use throughout the duration of the competition.



Nominal cooling duty 200 kW 682,400 btu
Plug type Hard wired
Power supply 415 V 3 ph +E 50hz
Run 120 A/hr
Average power consumption 63.2 kW/hr
Noise level (max) 53.3 dBA @ 10 metres
Generator size 140 kVA
Weight 3,500 kg
Nominal heating duty (HP version) 200 kW
682,400 btu
Dimension 4,550 x 2,300 x 2,900 mm
Water connection 3 Bauer
Control Automatic programmer



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