

Case study 340

Andrews Chiller Hire helps preserve music equipment

When a university located in the South East of England were undergoing planned maintenance works in their music building, Andrews Chillers were urgently called in to provide a provisional cooling substitute to preserve the equipment inside.

Our customer was renovating one of their existing buildings normally used for music degree courses. The building had to be kept at a constant temperature to maintain the condition of the equipment and for this to happen the client needed an effective temporary cooling solution. At this juncture, our chiller specialists were called in.

After a same-day site survey had been conducted, our recommendation was to supply the client with a 50kW chiller hire unit along with 60 metres of 1.25mm chiller hose and air handling units, enabling maximum flexibility once the equipment had been set up on site.

As this was an active site, care had to be taken to keep the hose above head height to reduce trip hazards. The client was extremely impressed with our level of expertise which enabled us to set up the chiller in such a restrictive environment.

As expected, our packaged unit remained on-site until the renovation was completed. This short-term chiller rental enabled the University to maintain the environment in the music room and continue with the course.



Nominal cooling duty 50kW 170,500 btu
Average power consumption 16.21 kW/hr
Generator size 50 kVA
Noise level (max) 81 dBA @ 10 metres
Plug type BS4343 32 A 5 pin
Nominal water flow 2.4 lts per sec
Weight (kg) 600 kg
Water connection 1.25 Camlock
Control Automatic programmer
Power supply 415 V 3 ph N+E 50hz Run 30.25 A/hr
Dimensions (L x W x H) 1600 x 1080 1750 mm
Nominal heating duty (HP version) 50 kW 170,500 btu



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