

# Case study 317

# Chiller Hire For Cheese

Competitions, showrooms and special events are constantly scheduled to bring the community together. Be it for farmers and their produce, chefs and their special cuisine or just to advertise your company. These types of events are common in today's day to day life. Therefore when a major cheese event notified us of their temperature status, we were pleased to help.

Cheese has a great impact on the present society. We are influenced by the variety of cheeses from France, Holland and Switzerland amongst others, all contributing in our every day dishes as well as some being highly exclusive. A major UK cheese event is held every year to raise the profile of British Cheese. Temperature is crucial when preserving these individual wheels. When placed in the wrong temperature side effects such as sweaty reactions and in some extreme cases melting can follow. There are more than 1000 different types of cheeses, each one needs a specific temperature.

When the organisers called Andrews Chiller Hire they specifically asked for a temporary cooling unit to supply cold air for the various stands. After a thorough inspection of the location and all the stands, we supplied and installed a 100 kW Fluid Chiller with mobile air handling units to provide cool clean air to the required areas. This highly efficient chiller is used for a multitude of applications where large volumes of cooled air are needed. All the hoses supplied needed to be enclosed within the floor and positioned within the channelled routes in strict accordance with the events team requirements and health and safety regulations.

After eight days of long judging and delicious cheese tasting, the verdict was revealed and the top cheeses received their three stars. The Chiller air handling system operated without a hitch throughout the entire show and preserved the competitive cheeses perfectly. The clients were very happy with the result.



Nominal cooling duty 100 kW 341,200 btu  
Plug type BS4343 63 A 5 pin  
Power supply 415 V 3ph +E 50 Hz Run 70 A/hr  
Average power consumption 31.6 kW/hr  
Noise level (max)58.5 dBA @ 10 metres  
Generator size 75 kVA  
Weight 1,790 kg  
Nominal heating duty (HP version) 100 kW  
341,200 btu  
Dimension 3,100 x 1,330 x 2,775 mm  
Water connection 2 Bauer  
Control Automatic programmer



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