

# Case study 315

## Dairy Production Seeks Cooling Equipment

When an award-winning dairy company based in Leicestershire sought cooling equipment for its production area, they approached Andrews in search of a solution. Having recommended equipment for a wide range of food manufacturers in the past, we understood the needs of our client's application and the implications of insufficient cooling. With regular involvement in delicate goods, including cheese, our technicians recognise the importance of – and the difference between – spot location cooling and general climate control.

The customer had established a reputation in their field as an extremely reputable producer of speciality cheeses, and this was something they were very keen to protect. Fortunately, we have worked alongside them for a number of years so – allowing us to develop an appreciation of what their business entails. With this in mind, we provided a variety of FC90 and FC45 fast chill units to keep conditions in line with strict requirements.

These portable chillers were chosen for this particular environment because of their energy efficiency and easy installation. Additionally, users are able to alter internal temperatures themselves using a programmable controller – ideal for scenarios where circumstances are subject to constant change. At Andrews, we appreciate that inefficient cooling can cause downtime, ultimately affecting productivity and causing costs to increase. That's why we design cooling systems on an individual basis – because no two assignments are ever alike.

In this instance, the equipment we provided allowed the dairy company to accommodate a seasonal increase in the demand for cheese. By keeping a multi-stage production facility fully operational, the client was able to comfortably reach output targets without suffering any setbacks.



Power supply 415 V 3 ph N+E 50 Hz Run 37 A/h  
Noise level (max) 73 dBA @ 1 metre

Indoor Weight 497kg/ Outdoor Weight 360kg  
Indoor Dimension 1,730 x 1,250 x 1,600 mm  
Outdoor Dimension 1,196 x 1,032 x 1,616 mm  
Plug type 63 A 3 ph N+E

Line length 15 metres (max 2 = 30 metres)  
Nominal cooling duty 26.3 kW 96,000 btu  
Control Automatic Thermostat  
Operating temp range -10°C to +30°C



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