

# Case study 449

## Andrews provide temporary cooling hire for chocolate storage

One of the world's most renowned chocolate producers recently required a temporary cooling solution for one of their largest production factories in the UK.

The multinational confectionery company operates in more than 50 countries worldwide, manufacturing various household products including Jelly Babies, Strong Mints and Wine Gums – as well as 5.5 million bars of chocolate every 24 hours!

The production factory accommodates various stock storage rooms that hold product in bulk prior to packaging. Following the failure of one of their existing air conditioning units, our experts were contacted and drafted in to resolve the issue immediately. There was a requirement for room temperatures to be reduced to a maximum of 21°C to preserve perishable goods for as long as possible.

In order to achieve the client's desired conditions and avoid disruption on the production line, our solution was to provide and install three PAC22 air conditioners. These units were deemed ideal for consistently keeping temperatures at 19 °C and therefore under the target temperature.

This air conditioning hire arrangement enabled the production of one of the country's most popular sweets producers to continue as normal– something the client initially feared might not be possible. Due to the age of the customer's faulty air conditioning system there is a lengthy lead time for repair, resulting in our temporary equipment being kept on well past the anticipated hire term.



Nominal cooling duty 6.47kW  
Air flow (max) 990m<sup>3</sup>/h  
Typical cooled area 156m<sup>2</sup>  
Power supply 230V 1ph 50Hz Run 7.3A  
Noise level (max) 52 dba @ 3m  
Indoor weight 122kg  
Outdoor weight 20kg  
Indoor dimensions (mm) 850 x 380 x 1,240  
Outdoor dimensions (mm) 565 x 285 x 520  
PAC line length 5 metres (max 30 metres)  
Control Automatic thermostat  
Average power consumption 2.0 kW/h  
Optional cold air duct 2 x 200mm x 5m



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