

Case study 463

Microbrewery stays in business thanks to Andrews Air Conditioning

With seasonal temperatures beginning to increase during a busy period for a London microbrewery, the continued functionality of their air conditioning system was a critical factor in their production line remaining operational.

Unfortunately for the company in question, their cooling equipment failed at the worst possible time and so a replacement solution was needed urgently to ensure output targets were met.

Andrews Air Conditioning was contacted regarding the issue and visited the site to gain a better understanding of what was required. A free survey conducted by a local engineer uncovered the fact that the area needing cooling was round the back of the building, where access was extremely limited.

It was decided that deploying our new high-performance air conditioning unit – the HPAC30 – would be the best course of action and offer a sufficient cooling capacity while the client's existing equipment was fixed. The HPAC30 was specifically chosen due to its slender frame which could easily be wheeled into the desired position, and through a narrow access route.

Our new HPAC30 requires only a 32 Amp 3-phase power supply in order to function and was installed without any issues. In fact, the air conditioning unit was up and running less than 30 minutes after arriving on site and provided the application with 30kW of cooled air to ensure production continued as planned.



Nominal cooling duty 30kW
Air flow (max) 5,900m³/h
Typical cooled area 666m²
Power supply 415V 3 ph N+E Run 22A
Plug type BS4343 32A 5 pin
Noise level (max) 64 dBA @ 3 metres
Weight 435kg
Dimensions (mm) 1,600 x 730 x 1,660
Duct length (max) 8 metres
Control Automatic thermostat*
Average power consumption 6.8kW
Duct diameter 300mm
*Capable of operating down to 10°C



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