



ECOCOOLING USED TO COOL SPECIALIST CLIMBING CENTRE

Big Rock, based in Milton Keynes provides one of the UK's best indoor climbing experiences, with state-of-the-art climbing and training facilities.



After the initial success of their first climbing centre based in Kingston, Milton Keynes, Big Rock decided to expand and open up a new climbing centre based in Bletchley. Celsius Design were then contacted to incorporate a suitable cooling solution into the new facility to help maintain comfortable temperatures for all climbers.

Celsius installed 2 EcoCooling units and 2 Celsius extraction fans, providing a combined cooling capability of up to 70KW. Both systems included attemperation sections consisting of dampers to help recirculate the warm air during the winter months and introduce fresh cool air during the summer.

Within the attemperation system, specialist filters were installed to help filter out any of the climbing chalk used within the area, allowing only clean, fresh air to be recirculated back into the facility.



Celsius undertook the installation during normal working hours, working around the ongoing construction of the new climbing facility with no interruptions.