



Coldrooms – the Bus Stops Here

The route to excellence in coldroom design, installation and operation became clear for Lothian Buses after upgrading two of its key bus stations with the help of Celltherm.

The journey began thanks to a strong working relationship between Celltherm and Kilmarnock-based Transition Interiors which goes back almost a decade working on professional kitchen projects with coldrooms for everyone from the BBC's HQ in Glasgow to a massive project at the Ineos Grangemouth refinery facility.

Using experts in coldroom manufacture, design and installation is crucial as Transition's managing director Stephen Brownlow explains, "We work with Celltherm because we must work with the best equipment and systems providers in their field on every project. I've personally worked with Celltherm for over 15 years and I know they produce fantastic materials in their German factory that is complimented by on-the-ground expertise in designing coldrooms that deliver exactly what we, and the client, want.

"For Lothian Buses Transition was tasked with refurbishing the kitchen facilities for the company's Annandale Road Bus Station, which is also the headquarters building, and the Longstone Road Bus Depot, both in Edinburgh. I should say that Lothian Buses is Britain's only municipally-owned bus company and it is very proud of its standards of service, plus

the building at Annedale Road, built in the 1920s to house an industrial exhibition which has a huge glass dome as its principal feature. As always we had to produce a first class job.

"Celltherm were by our side all the way in planning the coldrooms, attending site meetings to plan the best location, layout and specification for the refrigeration and freezing facilities. Our long working partnership means I know they will be there at any time when support, training or maintenance is required for Lothian Buses and any of our other clients."

Celltherm supplied two coldrooms (a chiller and a freezer) for Longstone Road manufactured in their German facilities with fully cam-locked 80mm polyurethane coldroom panels with neoprene gaskets and unique passer system which increases efficiency and lengthens the life of the coldroom structure. This also includes food safe shelving and low noise refrigeration systems complete with R407f refrigerant for reduced running costs and less than half of the ODP (ozone depletion) of conventional R404a refrigerant. The Annandale Street Depot site has a modular bulk storage freezer with food safe shelving and integral refrigeration system.

Stephen concludes, "It's very easy to order a 'coldroom' from the internet, but without expertise from a company with Celltherm's calibre and support it could turn into a costly disaster. Celltherm consider all the variables and challenges from space allocation and flooring to the position of the refrigeration units. Their track record with us speaks for itself with small walk-in coldrooms right up to a huge project to refurbish 172 sq mtr of office space at Ineos's Grangemouth refinery into coldroom facilities. We share one thing in common; satisfied customers."

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