

# thermo Sphere

Excellence in heating **solutions.**



## Project

Northern General Hospital

## Location

Sheffield

## Project type

Public Services

## Product(s)

ThermoSphere Drive

## Project overview

It's not just heating solutions for homes that we have experience with...it also includes heated helipads and access ramps. Sheffield's Northern General Hospital is a case in point. The scheme included the demolition of a building and site clearance to allow for the construction of a heated helipad with a dedicated heated access ramp.

An ice prevention solution was a must have requirement because any ice build-up on the helipad and ramp would add risk to patients being safely transported to inside the hospital. We were asked by our client to produce a specification for heating the main helipad and the ramp.

We produced a 3 phase specification which used a 400V system with an output of 300W/m<sup>2</sup>. The system was designed in 3 sections to ensure the load did not exceed the available supply and could be balanced across the phases.

The intelligent ThermoSphere Drive controller was used to sense when there is a risk of snow or ice build-up and automatically switches on to ensure driveways and vital access ways stay safe and usable in cold winter conditions.