# Case study 352

## Body storage seeks Andrews Chillers assistance

Andrews Chillers was recently contacted by a London hospital in desperate need of a chiller in order to convert an empty chamber into a temporary mortuary.

The client in question was looking to accommodate a number of bodies elsewhere on site after running out of space in their normal facility. It was therefore important to find a quick and suitable solution to ensure the bodies could be retained safely and hygienically until they could be collected.

The hospital contacted us straightaway requesting assistance with the issue, prompting our experts to visit site the very same day. They then carried out a free site survey to decide which hired cooling equipment would best suit the application.

Due to the size of the temporary storage area, we proposed the installation of an FC90 Fast Chill unit which was more than adequate for ensuring the required conditions were met. The refrigeration unit is quick to install, delivering fast and efficient cooling capacity down to as low as -5°C - rendering it perfect for this environment.

Our engineers placed the temporary chiller inside the building, which allowed it to bring the temperatures down to the required level. The unit was in use for around two weeks and was only decommissioned when additional storage space was no longer needed.

An Andrews technician visited the site during the hire period to ensure there were no issues with our equipment. The client was extremely happy with the solution our team provided which acted as a perfect stop-gap while the hospital's mortuary was briefly oversubscribed.


**Nominal cooling duty** 26.3 kW
**Plug type** 63 A 3 ph N+E
**Indoor noise level (max)** 63 dBA @ 3 metres
**Indoor weight** 597 kg
**Indoor dimensions (L x W x H)**2,000 x 1,400 x 1850
**Control** Automatic thermostat
**Line length** 15 metres (max = 30 metres)
**Generator size** 30 kVA
**Air flow (max)** 10,000 m³/h
**Power supply** 415 V 3 ph N+E 50 Hz Run 37A
**Outdoor noise level (max)** 73 dBA @ 1 metre
**Outdoor weight** 460 kg
**Outdoor dimensions (L x W x H)** 1,450 x 1,350 x 1,800mm
**Average power consumption** 27.0 kW/h
**Operating temp range** -10oC to + 30oC