

Overview:

The Luas Depot in Sandyford, Dublin has very high doors at both ends entering the service area for the Trams. The openings are 6 x 3.5 metres. Any heat generated within the building would escape through the open doors. The Designers required protection for the openings and wanted to add heat to the area. The objectives were:

1. Prevent the loss of heat from the service area due to wind blowing from end to end.
2. To add heat to the area for maintenance crews servicing the Trams.

WAC300 Series
Air Curtains



Luas Station, Sandyford, Dublin

Solution:

- ATC provided 3 options of protection via Air Curtains. Ambient, electric or water fed.
- Our recommended option was to vertically mount the Air Curtains at the side of the doors. This meant there was a shorter distance to protect. (see above)
- There are 4 x Frico WAC300 Series LPHW Air Curtains mounted at each door thus providing energy conservation.
- The Frico Air Curtains are controlled via a limit switch on the external doors and a speed controller for the air output.

The Result:

- The Frico Air Curtains have prevented the loss of heat through the open doors.
- The service area is now comfortable for maintaining the Trams due to benefits that the Frico Air Curtains have provided.

CONTACT: ATC Electrical & Mechanical Ltd

TELEPHONE: +353 (1) 4625111

E-MAIL: sales@atc.ie

For Further details contact our Technical Department