

Air Curtain Case Study – ATC Group Head Office

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The new ATC Group Head Office, Trade Counter, Showrooms and Warehouse are located at Broomhill Drive Tallaght Dublin. The facility is a 2100 sq M (22,000 sq ft) building incorporating 913 sq M (10,000 sq ft) of warehouse space.



There are two warehouse doors that open directly to the collection / delivery area. One door is 5m high by 3m wide and the other door is 3m high by 2.8m wide. When these doors are open the wind can blow through the warehouse and building creating draughts and uncomfortable working conditions.

By installing vertical Air Curtains on both doors there is a substantial increase in the comfort for the warehouse personnel whilst the doors are open. When the doors are closed the air curtains are off. A significant factor for installing the air curtains was to ensure there is little loss of heat from the warehouse when the doors are open, assisting the energy efficiency of the



Collections air curtain

building in the future.

The Air Curtains are Low Pressure Hot Water units and are supplied with hot water by a high efficiency gas boiler. Both door curtains are fully automatically controlled by the Building Management System (BMS) in the Plant Room and are shut off when the doors are closed.

Each door has a local control option and can be operated independently from the other air curtain for maximum energy savings.

For more information contact our Technical Department at 01 4625111.

ATC Electrical & Mechanical are the sole distributors in Ireland for Frico Air Curtains.

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Main warehouse air curtain



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