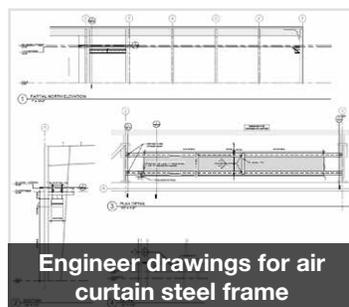
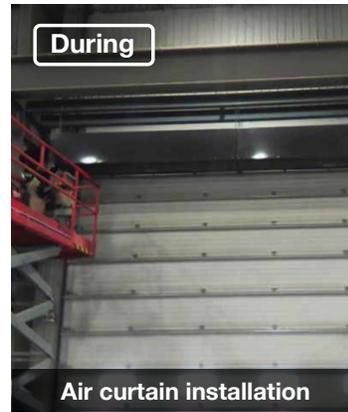
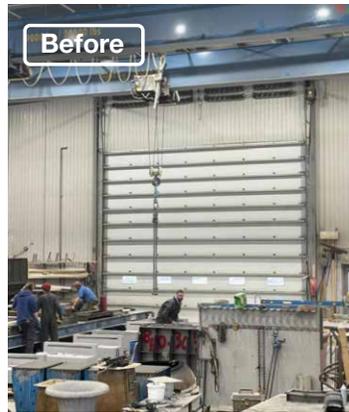


Industrial Air Curtain

Ed's Concrete Products Ltd

Stratford, ON



Project Overview

Ed's Concrete Products Ltd in Stratford Ontario had four large overhead door openings that would be frequently opened throughout the year. As a result, from October to April cold air would fill the building each time these doors would regularly open. Therefore employee comfort was a problem, as they would constantly complain about the cold during the cooler months. Additionally, because of re-heat time, this warehouse had high energy costs during the heating months.

To save on energy and improve employee comfort Northern Dock Systems installed four air curtains to seal these openings:

- IDC20 for 25' x 22' Tandem Mount Air Curtain for large door openings.
- IDC20 for 22' x 20' Tandem Mount Air Curtain for large door openings.
- IDC16 for 14' x 14' Vertical Air Curtain for low headroom spaces.
- IDC20 for 18' x 13' Vertical Air Curtain for low headroom spaces.

For this project, our team needed to work with an engineer to design a custom steel frame to support the tandem air curtains on the prefabricated structure.

With the new air curtains installed, this Stratford warehouse can expect them to seal out 90% of the cold air to keep employees comfortable while saving 15 units of energy for every 1 unit consumed. In addition, we worked with their local utility company, to get them a one-time energy rebate of \$31,000 for the four air curtains.

✓ Indoor comfort

✓ Environmental separation

✓ Operational efficiency

✓ Energy savings

Featured Products

Industrial Air Curtains



- Keep your door open and closed at the same time.
- Creates a 90% seal.
- Keeps out outside air, bugs, dust, fumes and other containments.
- Keep the area around doors warm in the winter and cool in the summer.
- Save 15-20 units of energy for every 1 unit consumed.

