



magna international

CASE STUDY

ORGANIZATION

Magna International is a major supplier to the automotive industry. Like most industrial operations, the subject facility, located in Southern Ont., requires a dependable source of clean, dry compressed air.

CHALLENGE

The existing compressed air system was unreliable and inefficient due to high operating temperatures caused by inadequate cooling and unfavorable atmospheric conditions. Concerns had also been raised regarding excessive maintenance costs and the lack of available floor space.

SOLUTION

The installation of an **AirCell Outdoor Compressor Room** gave Magna International the ability to place the new compressed air equipment outside, ensuring a pristine operating environment, saving floor space, and providing trouble free compressed air, 24 hours a day.



AirCell BENEFITS

- Simple to install, requires only electrical supply and air line connection!
- Clean operational environment makes maintenance easy
- Ideal ambient temperatures year round due to thermal modulation
- Reduces plant noise pollution
- Cost effective solution to building indoor air compressor rooms
- Transportable to any location
- Eliminates loss of valuable plant floor space
- Does not require seasonal adjustments



about AirCell

EXCELLENCE IS IN THE DETAILS

At **AirCell**, our mission is to lead the compressed air industry through innovation and specialized knowledge.

AirCell is dedicated to providing both quality design and installations, serving all clients, ranging from normal conditions to the harshest of environments, with our in-house solutions.

AirCell believes in continuous development, constantly researching methods to enhance our products, while operating to the highest ethical and environmental standards.

Our client oriented business places a primary focus on the ongoing satisfaction of our clients. **AirCell** strives to go above and beyond the expectations of every client.



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Outdoor Compressor Rooms

weatherproof • filtered
temperature controlled • environmentally friendly

AirCell.ca

reliable
mobile
quiet
saves floor space

weatherproof

OUTDOOR OPERATION SAVES FLOOR SPACE

The **AirCell** has been designed to operate efficiently outdoors, independent of external heating or cooling sources, in any weather condition!

Locating your air compressor room outdoors into an **AirCell** saves valuable floor space, and its compact design has a small exterior footprint.

The **AirCell** is fully self contained and is easily installed with the connection of a power supply and an air line.



filtered

OPERATES CLEAN AND REDUCES BREAKDOWNS

Each **AirCell** features an oversized filter-bank designed to ensure the cleanest internal environment possible.

This clean environment eliminates the constant need for cleaning coolers and changing intake filters, significantly reducing the probability of costly breakdowns and emergency repairs.

Ultimately, your compressed air system operates at peak efficiency at all times.



temperature controlled

AUTOMATED TECHNOLOGY PRODUCING OPTIMAL EFFICIENCY

Each **AirCell** is equipped with an automated temperature control system, which instinctively adjusts the fully modulating mixing louvers to adapt to external weather conditions – eliminating the task of manual seasonal adjustments, while maintaining a consistent internal temperature.

A constant operating temperature provides not only consistently warm discharge air, saving thousands of heating dollars, but also provides maximum equipment efficiency for the best possible quality compressed air delivered to your facility...all the time!



environmentally friendly

CORPORATE SOCIAL RESPONSIBILITY

At **AirCell**, we believe in continually developing our products while operating at the highest ethical and environmental standards. Some benefits include:

Each **AirCell** is sound attenuated with high-density insulation, completely eliminating one of the main sources of plant noise pollution.

Water-cooling is a standard requirement for many indoor compressors, however, due to the **AirCell's** resilience to external temperatures, costly water-cooling is never required.

custom solutions

BUILT TO FIT YOUR BUSINESS

AirCell is focused on connecting your business to the compressed air resources that you require. We provide many customization options including:

- ✓ Building envelopes ranging from 10 to 40 feet
- ✓ Keyless entry and remote operation
- ✓ Fire protection
- ✓ Accommodates multiple compressor and dryer brands and configurations



mobile

MOVE TO ANY LOCATION

Should you relocate, or your compressed air equipment is required elsewhere, you can simply move your **AirCell** and avoid the hassle and expenditures incurred with the reinstallation of your equipment.

