

AIRCELL-MODULAR

COMPRESSED AIR SYSTEMS

www.AIRCELL.ca www.COMTRACT.ca

AirCell-Modular compressed air systems are self contained, weather proof, and are designed and built in Canada.



EXCELLENCE IS IN THE DETAILS

Pre-filtered air intake:

The intake air is drawn through an oversized filter bank which keeps your AirCell operating at peak efficiency, regardless of external environment.



Temperature control:

Each AirCell is designed to operate independently, free of external sources of heating or cooling. The fully modulating mixing louvers do not require any adjustment during seasonal weather changes to maintain a consistent internal temperature. The constant operating temperature provides not only steadily warm discharge cooling air for heat recovery, saving thousands of heating dollars in the cooler seasons, but also provides maximum equipment efficiency for the best possible quality of compressed air delivery to your facility.....all the time!





- Less maintenance - Pre-filtered intake air keeps the coolers and filters clean.

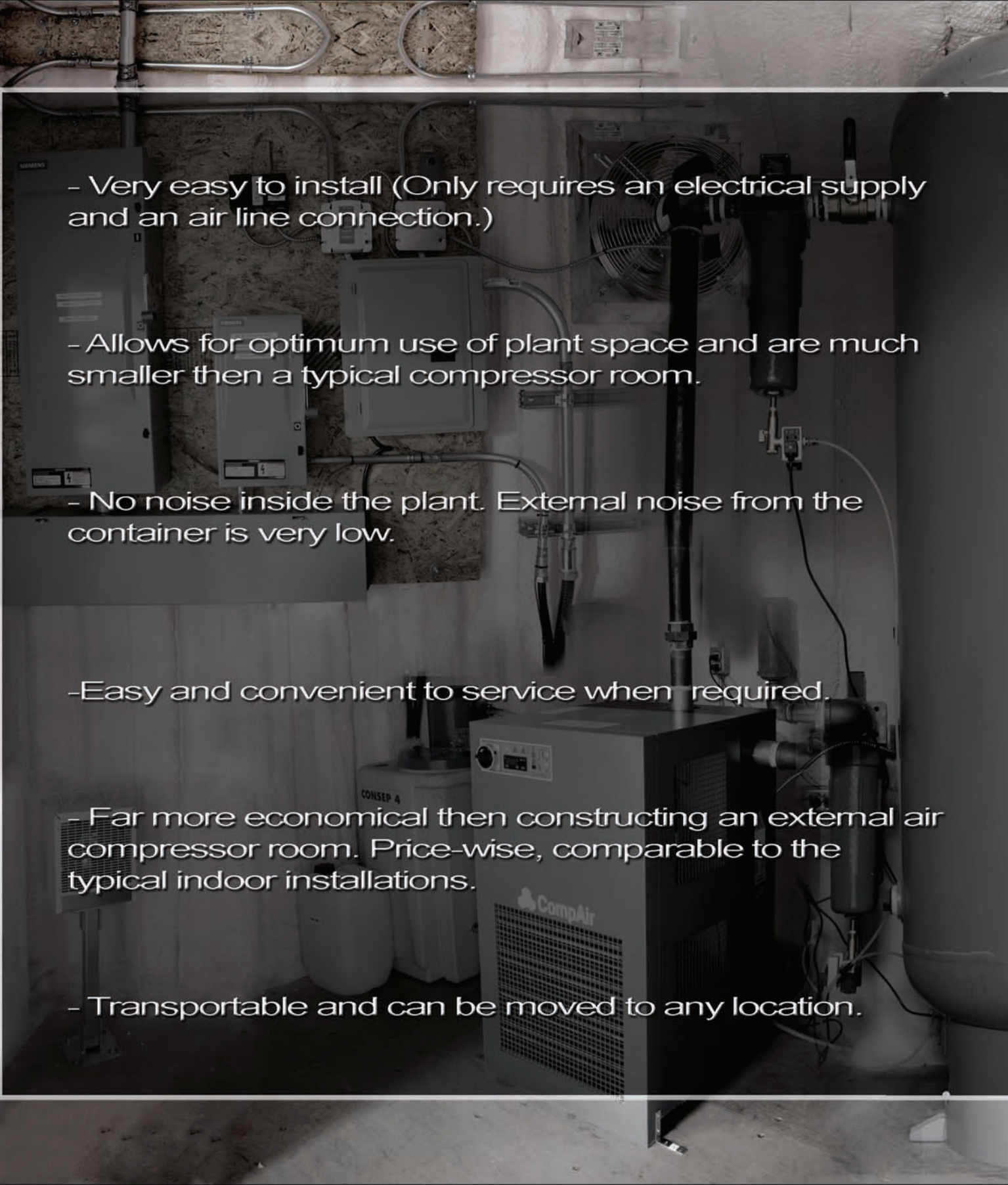
- Discharge condensate is cleaned internally for simple disposal.

- Warm discharge cooling air from the unit maintains a consistent and ideal temperature for winter heat recovery.

- Compressed air enters the plant dried and filtered to eliminate typical contamination.

- Constant operating temperature to ensure maximum efficiency and long life.

- Clean operational environment - perfect for plants with less than ideal atmospheric conditions.



- Very easy to install (Only requires an electrical supply and an air line connection.)

- Allows for optimum use of plant space and are much smaller than a typical compressor room.

- No noise inside the plant. External noise from the container is very low.

- Easy and convenient to service when required.

- Far more economical than constructing an external air compressor room. Price-wise, comparable to the typical indoor installations.

- Transportable and can be moved to any location.

Electrical:

Every AirCell-Modular Compressed Air System comes fully equipped electrically, requiring only a correct sized cable to connect to your power supply. From the high voltage main, to the 110 volt auxiliary circuit, each component is tested and ESA certified prior to shipping. (Remote starting and monitoring is optional)

Ventilation:

AirCells are designed to maintain a constant temperature, and as such, incorporate a high volume ventilation fan to ensure optimum internal operating conditions during peak high outdoor temperatures.



Heater:

A small but powerful construction type heater ensures a minimum "downtime" temperature of the desired setting.



Filtration:

Compressed air quality can have a dramatic impact on your company's ability to operate production efficiently and economically. AirCell-Modular Compressed Air Systems are guaranteed to deliver clean, dry compressed air through the use of a unique, custom designed receiver/dryer/filtration configuration. Each AirCell is designed around your personal preferences and requirements, with units available to obtain dew point levels to minus 40 degrees C. and maximum remaining oil levels to $< .003$ ppm.



Environmental Solutions:

Compressed Air Contamination:

The filtration system removes water (condensate) and contaminants from compressed air, including trace oil and particulate. These contaminants are separated and treated through an oil/water separator and stored safely and conveniently inside the AirCell unit for proper disposal. Food grade lubricant is available for all units.



Noise Reduction:

Each AirCell-Modular is built with quality CompAir products. As a world leader in compressed air technology, CompAir's advancements in sound attenuation are further enhanced by the AirCells spray-foam insulated inner shell which makes the Comtract AirCell almost audibly unnoticeable.

The Compressor Packages:

AirCell-Modular Compressed Air Systems feature CompAir products. AirCell units built with CompAir equipment utilize the latest technology in compressed air systems to achieve the ultimate in efficiency. Whether you require constant speed or variable speed, the control systems integral to each component make the AirCell a part of your company's energy saving plan.

The Company:

AirCell-Modular Compressed Air Systems are proudly manufactured by Comtract Air Compressors Inc. in our 12,200 square foot facility in Mississauga, Ontario. Since 1985, Comcontract has been serving the compressed air industry as a leader in innovation, with the first generation AirCell-Tandem units and the second generation AirCell-Modular Compressed Air Systems. Comcontract Air Compressors Inc. is an ISO and TSSA certified company.

Specifications:

AirCell Container Specs:

Container length -	Exterior 19'10 ½"	Interior 19'4 ½"
Container width -	Exterior 8'0"	Interior 7'8 ½"
Container nominal height -	Exterior 8'6"	Interior 7'9 7/8"
Container door opening -	Height 7'5 5/8"	Width 7'8 ½"
Container overall height -	Exterior heights variable up to 12' maximum	
Container empty weight -	5015 lbs (Loaded weight specified on design)	
AirCell Mini (approximately 10' x 8') available for smaller applications.		

Options:

Compressor Options:

Rotary Vane, Rotary Screw, or Reciprocating
Oil Lubricated, Oil Free or Variable Speed
Synthetic Food Grade Lubricant
Operating pressures up to 250 psi
Volume deliveries to 600 cfm

Dryer Options:

Refrigerant or Desiccant
Dew points of +35 or -40 degrees F

Filtration Options:

Efficiencies available to 0.01 micron particle retention and <.003 ppm maximum remaining oil content by weight.

Volume in CFM, operating pressure, and dew point are specific to equipment selected

Designed and built in Canada by:



Comcontract Air Compressors Inc.
320 Brunel Rd.
Mississauga;
Ontario, Canada.
L4Z - 2C2
Ph: 905-897-1346
1-888-486-4445
Fax: 905-897-1346
E-mail: sales@comcontract.ca

