

ModulAIR™

The Air Technologies Compressed Air Module is a completely engineered and assembled compressed air plant with all of the necessary accessory components included and installed to insure proper operation. This modular system saves valuable floor space, significantly reduces project costs, improves system reliability, lowers maintenance costs, provides excellent maintenance access, greatly simplifies installation, and can be relocated if necessary in the future.

Minimal Foundation Requirements:

Compacted gravel, Piers, or Concrete pad

Flexibility

- System can be decentralized.
- ModulAIR™ can be moved

Reduces Maintenance Costs

- Proper ventilation/filtration reduces operating temperatures
- Building filtration keeps coolers clean
- Oil, air filters, and separators last longer
- Keeps equipment out of dirty, hot plant environments
- Proper maintenance access is designed in by compressor service experts

Save valuable floor space

- Use your plant floor space for production equipment and not air compressors
- Eliminate the cost of building a new or expanding an existing compressor room

Eliminates design engineering cost

- Equipment layout for proper maintenance access
- Ventilation design for winter and summer operation (very critical for reliable operation and often overlooked)
- All electrical requirements
 - Lighting
 - Outlets
 - Equipment disconnects
 - Feeder wiring
 - Thermostats
 - Dampers and/or fans
 - Single Phase Transformer

Facility Cooling Air Filtration

Intake and cooling air is pre-filtered

- Coolers stay clean
- Lower maintenance costs
- Better dryer performance
- Compressor inlet filters last longer



Automatic Temperature Control

- Thermostatically controlled dampers
- Maintains proper cooling air temps
- Re-circulates heat in the winter
- Discharges hot air in the summer



Transair Air Piping

- High efficiency aluminum or stainless steel pipe
- Extremely low pressure drop
- Equipment isolation valves
- Single point header connection



Electrical Installation

- 3 Phase distribution panel with breakers or individual safety disconnects
- Single phase transformer
- Single phase load center
- Power wiring to:
 - Equipment
 - Lighting
 - Outlets
 - Ventilation dampers and thermostats
 - Thermostatically controlled heaters

