

ENVIRA-NORTH SYSTEMS LTD.
The Benefits of Altra-Air Fans

1. A non-disruptive laminar air flow traveling above floor level provides an effective summer cooling temperature of 8 - 10^o F below the ambient air temperature.
2. Quiet, efficient operation, no annoying high speed circulating or exhaust fans.
3. The Altra-Air fan system can be used year-round unlike large volume exhaust fans, air conditioning and air make-up systems.
4. Virtually maintenance free. *Recommended inspection every 20,000 hours.*
5. Payback in Southern Ontario is usually within 24 months, less than half of this period if used in conjunction with air conditioning or commercial air chilling units.
6. Constant summer air flow lowers general overall humidity within a structure which will eliminate condensation, mold growth, wet floors and corrugated box and container degradation.
7. Inexpensive to operate. Cost to operate 6 cents per hour for one fan at 1 Hp. based on current local Southern Ontario commercial rates.
8. Use in winter at lower speeds to destratify heat build up, dry floors, eliminate moisture and condensation on walls, overhead doors, skylights and windows.
9. Greatly reduce the "heat recovery" time when overhead doors are opened in winter with a constant flow of warm air throughout the shipping/receiving area without having heaters cycling as frequently.
10. Provide a constant even temperature from floor to ceiling and wall to wall. No more hot or cold spots in the building. The concrete floors will become a few degrees warmer with the constant flow of warm air and are more comfortable to work on in winter.
11. Generally improves air quality when used in conjunction with any air make-up system by assuring a good air mixture and diluting stale contaminated air.
12. Does not create either a negative or positive pressure and will not interfere with any air make-up, heating or air conditioning system.
13. Will eliminate the need for expensive duct work in new construction for both heating and air conditioning systems.

14. User-friendly control panel allows easy infinite variable fan speed selection to suit all seasons. Control can be locked to prevent tampering and can be interfaced to a computerized HVAC control system.
15. Eliminates the need for noisy, inefficient personal 'man cooler' fans scattered throughout the plant.
16. Ideally suited for secure warehouses and manufacturing plants where opening doors in summer is not an option.
17. A comfortable workplace environment boosts employee morale, increases productivity and decreases absenteeism.

