



“The AIRIUS System reduced our energy costs by 26% and paid for itself in one winter season! The units increased the circulation throughout our planting benches...eliminated non-productive cold corners and the system increased our winter plant growth. The AIRIUS System helped us grow healthier plants. We’ve installed them throughout the greenhouse.”

---Kelly Grummons  
Chief Horticulturalist / Co-Owner  
Timberland Gardens, Denver, CO



### ***Benefits in Greenhouse Applications***

- Reduction in energy costs--over 25% in some cases
- Increased heat circulation throughout greenhouse
- Increased productivity by eliminating cold corners
- Increased winter plant growth
- Accelerated growth of plant starts
- Healthier plants
- Improved comfort for workers
- More pleasant environment for customers

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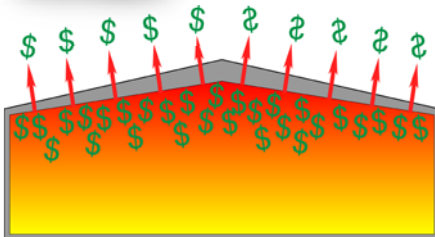


***The Science of the Air Pear Thermal Equalizer***

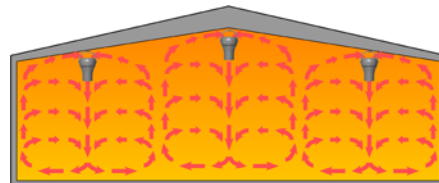
An energy-efficient motor drives a near-silent fan that aerodynamically and quietly forces a column of hotter air from the ceiling area to the cooler floor below. As this column of warm air nears the floor, it begins to flare out in a circular pattern and rise again creating a torus. While doing so, it warms the cooler air it mixes with near the floor increasing the temperature of the air and floor where people live and work.

Through a natural law of physics, this torus will continue to re-circulate air through the Air Pear System suspended near the ceiling and continue mixing warmer air from the ceiling with cooler air near the floor until the ceiling and air temperatures are nearly equal. As this happens, it will require less and less energy to comfortably heat the work area, allowing thermostats to be lowered and energy savings to be realized. Once started, the entire process of "thermal equalization" will take on average less than 24 hours.

***Problem:***



***Solution:***



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