

AIRFLOW CONTROL ALL OVER YOUR KITCHEN. SAVINGS LIKE NEVER BEFORE.



3D Model Design, Dennis Martinez/RevEquip & 3D Visualization, Deep Sky Studios

Efficient, cost-effective and easy to use, AirVantage revolutionizes the way airflow is managed in your kitchen. AirVantage's sensible heat-based system utilizes resistance temperature detectors (RTDs) mounted in hood canopies to detect heat with improved accuracy and speed. Its flexible design takes our smart read and react Demand Control Ventilation (DCKV) technology to the next level. AirVantage is the perfect energy-saving solution to control airflow and create a more comfortable kitchen environment.

It features a state-of-the-art learning function that auto-calibrates airflow for each hood based on sensible heat temperature readings of kitchen zones—providing airflow when you need it, where you need it. As an industry leader in energy savings technology, Gaylord's AirVantage fulfills multiple energy and green building requirements, including ASHRAE 90.1 and 189, California's Title 24 and International Energy Conservation codes.

Experience the unmatched value of AirVantage with extended equipment life cycle, increased energy savings and decreased operating costs.

With AirVantage's flexible design, Gaylord's kitchen air management specialists have the expertise to determine the best solution for your project requirements. Both systems can reduce airflow to as low as 30% of original design, with fan energy savings of 25–70% and overall airflow savings of 10–50% depending on system design.

AirVantage Options Include:

- Dampened system—Offers optimized savings and efficiencies using modulating dampers for multiple hood/single fan operations (DCV-AV)
- Non-dampened system—Offers great value and performance for single hood/single fan operations (DCV-AVND)
- SmartAir Variable Air Volume—Offers advanced control of local replacement air (SV)

- The AirVantage DCV system allows control of entire kitchen ventilation using one easy-to-read/operate touch screen control panel
- Full color 7"x 4.3" touch screen displays equipment status, energy savings values, troubleshooting and maintenance alerts
- Streamlined programming for easy system startup
- Auto-balancing and commissioning functions implemented during installation manage hood design information
- RS485 BACnet/IP and analog feedback for detailed systems monitoring
- Runtime data for energy and operational savings available on touch screen or for USB download
- Illuminated, programmable hood-mounted 100% Fan Override button allows fan to be adjusted to maximum speed if needed
- Robust and maintenance-friendly RTDs measure the differences in sensible heat—monitoring a zone, not just one piece of equipment
- Advanced learning capability tunes the system automatically based on weekly operation
- Service alerts available on touch screen control panel communicate filter maintenance and technician service when required
- Canopy light management maximizes energy savings
- Precise replacement air control regulates building pressurization
- Presents as a compact wall-mounted control box



AirVantage Damper System Features:

- Unique damper optimization enhances airflow, minimizes exhaust volumes and maintains capture and containment, providing optimal energy savings in multiple zones simultaneously (DCV-AV only)
- System self-calibrates damper airflow for each hood daily (DCV-AV only)



Breathe easy.

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