

PRODUCT & SYSTEM CAPABILITIES OVERVIEW

This page highlights a range of HVAC and innovative building solutions available through **Saturn Enterprises, Inc.** and our trusted partners. These industry-leading product lines are engineered, tested, and certified in accordance with applicable HVAC codes and performance standards, including UL, AMCA, AHRI, ASHRAE, and other recognized industry requirements, supporting a wide range of project applications.



Air Distribution Products (GRD)

A broad range of architectural and commercial air distribution products is available, including slot diffusers, square plaque diffusers, spiral duct grilles, heavy-duty registers, and specialty solutions. Products are designed to integrate with modern architectural spaces while delivering consistent, tested airflow performance.



Dampers

Damper solutions include airflow control dampers for system balancing and modulation, as well as fire and fire/smoke dampers for life-safety applications. Products are tested and certified in accordance with applicable UL and industry standards, supporting code compliance, system reliability, and occupant protection.



Louvers

High-performance louvers are offered in standard and custom configurations using extruded aluminum or formed steel construction. Products are AMCA-certified and tested for airflow performance, water penetration, wind-driven rain resistance, and structural integrity.



Critical Environment Solutions

Solutions for operating rooms, laboratories, cleanrooms, and controlled environments include laminar flow diffusers, fan filter units, and precision air delivery products. Designs support stringent airflow, cleanliness, and environmental control requirements and are validated through recognized testing standards.



Air Terminal Units

Air terminal units provide accurate zone-level airflow control to support occupant comfort and system efficiency. Products are engineered and tested to meet applicable performance and acoustic standards.



Underfloor Air Distribution (UFAD)

Underfloor air distribution products include swirl and linear diffusers, fan-powered boxes, fan boosters, and underfloor fan coil units. Systems are tested to deliver reliable performance in raised-floor applications.



Displacement Diffusers

Displacement diffusers combine architectural design with proven low-velocity air distribution performance. Products are supported by laboratory testing and computational analysis to promote effective air stratification and indoor environmental quality.



Electric Duct Heaters

Electric duct heaters are available in a wide range of capacities with control options from staged control to advanced SCR systems. Products are tested and certified to applicable UL and safety standards.



Acoustical Control Solutions

Air duct silencers are designed to reduce HVAC-related noise while maintaining airflow performance. Products are tested to recognized acoustic and performance standards.



Fan Coil Units

Fan coil systems serve hospitality, healthcare, education, public, and commercial markets. Units are designed for reliable operation, efficiency, and long service life.



Water Source Heat Pumps

Water source heat pumps provide efficient heating and cooling using water as the heat transfer medium. Units are available in horizontal, vertical, and stacked configurations and are tested to applicable performance and safety standards.



Custom Air Handling Units

Custom air handling units are available in horizontal and vertical configurations with multiple mounting and installation options. Design, testing, and performance are governed by recognized organizations including UL, ETL, AHRI, AMCA, and DOE.



Filtration & Air Cleaning Systems

Industrial-grade filtration and air cleaning solutions include standard, flat, and double-flat filter housings; HEPA and carbon filter housings; V-bank filter units; and fan pack filter systems. Products are designed to control particulate, gas-phase, and bioaerosol contaminants and are tested to applicable industry standards.



Building Automation & Controls

Building automation and control solutions support efficient HVAC operation, integrated lighting control, and coordination with other building systems. Open, interoperable platforms enable real-time monitoring and control while supporting security while meeting federal cybersecurity requirements.