



EnerGard™

Transforming HVAC

INTRODUCING THE **EnerGard™** Total AirFlow Solution

EnerGard™

The EnerGard™ Total Air Flow Process takes a holistic approach to optimizing HVAC performance by enhancing every stage of the air flow process. Building on the core EnerGard™ system-BioCLEAN, CoilSHIELD, and PureFLOW-we introduce advanced air and surface purification and patented filter system.

This comprehensive strategy ensures cleaner air, improved environmental conditions, and greater energy efficiency while reducing maintenance costs. By addressing airflow at every level the Total AirFlow Solution delivers superior IAQ, enhanced system longevity and measurable cost savings.



Total AirFlow Solution

The EnerGard™ Total AirFlow Process optimizes every stage of the HVAC process to enhance system performance, improve indoor air quality and increase efficiency.

By integrating advanced filtration, bioremediation cleaning, corrosion protection, anti-oil fouling and air purification, this approach ensures cleaner air, reduced maintenance, and measurable energy savings-all while extending equipment life.

1. **Supply Air** is pulled from re-circulated and mixed with outside air.
2. **Patented Filters** with technology to remove TVOC's provide higher MERV filtration, and lower back pressure for optimal airflow.
3. **Coil Cleaning** with BioCLEAN bioremediation uses living chemistry to clean coil system.
4. **Coil Coating** with CoilSHIELD reduces corrosion, increase heat transfer and reduces annual maintenance.
5. **Anti-Oil Fouling** with PureFLOW increases compressor system efficiency, improves service life and dehumidification.
6. **Air and Surface Purification** active air and surface purification with triple mode of action.
7. **Return Air** re-circulates the majority of the air back to AHU with a portion exhausting to relief dampers and exhaust fans.