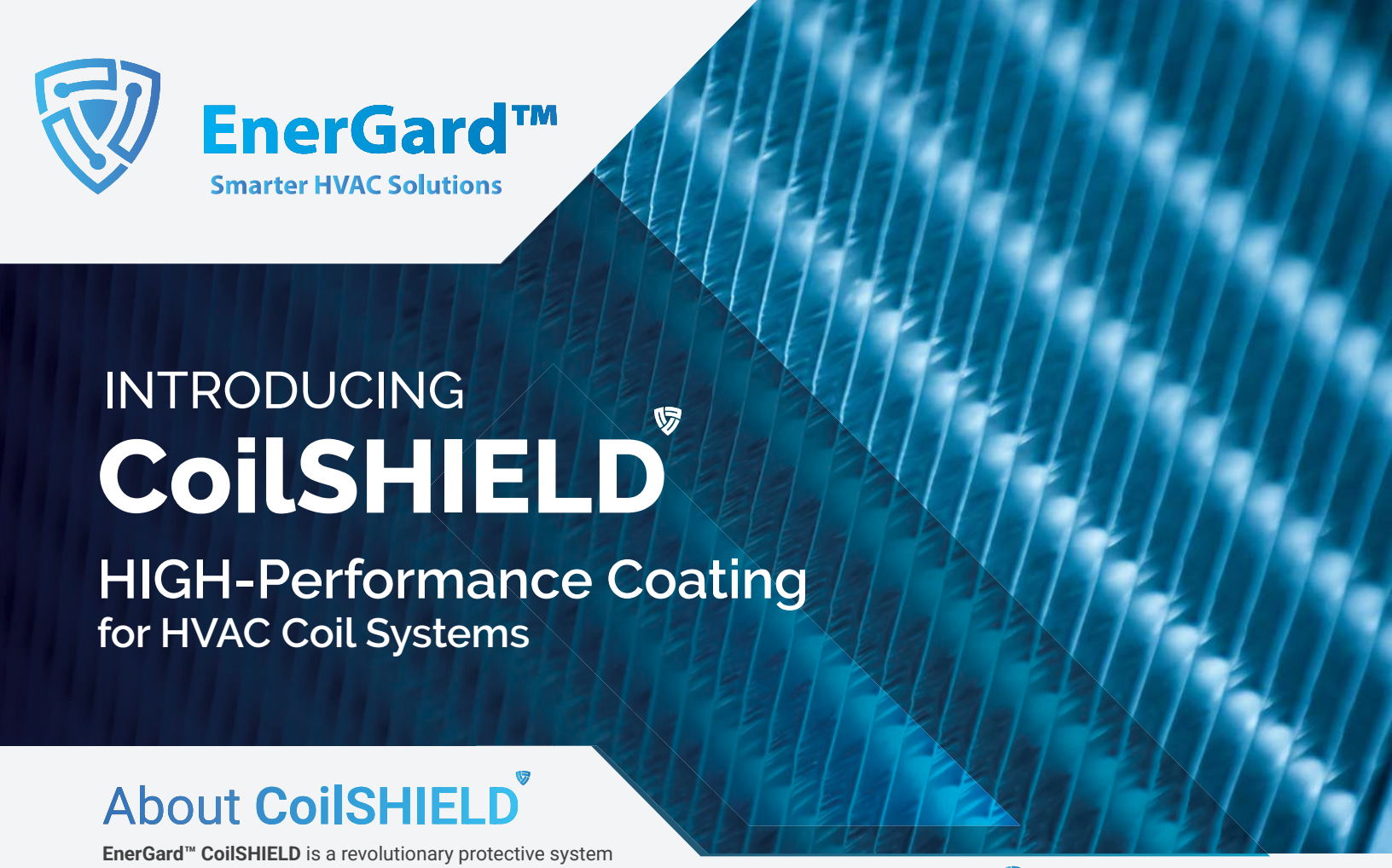
EnerGard™
Smarter HVAC Solutions



INTRODUCING

CoilSHIELD®

HIGH-Performance Coating
for HVAC Coil Systems

About CoilSHIELD®

EnerGard™ CoilSHIELD is a revolutionary protective system leveraging patent-pending nano-ceramic technology to combat contaminants, dirt, and debris. This advanced formulation creates a robust shield on **HVAC** equipment, protecting critical components while enhancing overall performance.

CoilSHIELD® Advantages

- Molecular Bonding: **CoilSHIELD** bonds at a molecular level to fill in microscopic pores that cause reduced heat transfer and promote contamination.
- Proprietary Shield: Cross-linked ceramic formulation protects against corrosion, buildup and wear, extending the life of the **HVAC** system and ensuring peak performance.
- Improved Environmental Conditions: **CoilSHIELD** enhances indoor air quality and improves temperature and humidity control, creating a healthier, more comfortable environment.
- Safe and Eco-Friendly: **CoilSHIELD** features a non-toxic, high-pH formula that inhibits microbial growth, including mold, bacteria, and other contaminants.

CoilSHIELD®

EnerGard™ CoilSHIELD is a cutting-edge solution utilizing nanotechnology and advanced silicates to enhance **HVAC** system performance. It forms a thermal insulating barrier that reduces corrosion, minimizes maintenance by preventing contamination buildup, and extends the life of the equipment. This advanced coating promotes efficient heat transfer while safeguarding the system components for long-term reliability.

Creates a Thermal Barrier: Forms a durable insulating layer that preserves system efficiency by preventing corrosion and fouling that lead to performance loss and unnecessary maintenance.

Preserves Equipment Integrity: Shields coils and internal components from buildup, oxidation, and long-term surface degradation.

Improves IAQ and Comfort: Supports cleaner airflow and more stable temperature and humidity conditions by reducing system contamination.

Reduces Biological Contaminants: High-pH, non-toxic formula inhibits microbial growth including mold, mildew, and bacteria.

Minimizes Maintenance Needs: Reduces the frequency of coil cleanings and system service by keeping HVAC surfaces cleaner for longer

EnerGard™ CoilSHIELD

Protect for Performance

© 2025 **EnerGard™** | www.energardhvac.com | 1-855-659-4822 (HVAC)
A division of **HVAC Contractor Direct**