



## ENERGY REDUCTION SYSTEM

### What is the SIMIX Energy Reduction System?

The **SIMIX Energy Reduction System** is a proven technology designed to enhance the efficiency, performance, and longevity of HVAC systems. It involves cleaning the unit thoroughly with our specialized water-based cleaner and pre-coat, followed by three coats of our exclusive ceramic clearcoat.

### How does SIMIX improve HVAC efficiency?

The system works in two key steps:

1. Cleaning: **SIMIX Multi-Surface Cleaner** removes dirt, salt, grease, and debris from condenser and evaporator coils, restoring airflow and heat exchange performance.
2. Ceramic Clearcoat: **SIMIX Multi-Surface Ceramic Clearcoat** creates a clear, thin, moisture-attracting barrier that improves heat transfer, keeps coils cleaner for longer, prevents corrosion, and increases airflow through the unit.

### What is “Delta T,” and why does it matter?

Delta T—commonly called “split temperature”—is the difference between the air temperature entering your HVAC system (return) and the cooled or heated air leaving it (supply). **A higher Delta T means your system is working more efficiently.** By improving Delta T by up to 30%, the **Energy Reduction System** helps your unit reach the desired temperature faster, use less energy, and lower carbon dioxide emissions.

### How much energy can I save?

Customers typically see energy savings of 10%–20% on their electricity bills, depending on the condition of their HVAC system and how often it’s used.

### Will SIMIX help extend the life of my HVAC unit?

Yes! By reducing total runtime and shielding critical components with a durable ceramic coating, minimizes wear and tear, reduces the risk of corrosion, and extends the lifespan of your HVAC system.

### How does SIMIX improve airflow in my HVAC unit?

SIMIX improves airflow by as much as 15% or more by reducing air resistance across the condenser fan blades and coils.

### Does SIMIX reduce maintenance costs?

Yes. The moisture-attracting coating keeps HVAC components cleaner for longer, which means less frequent maintenance and cleaning. It also helps prevent expensive breakdowns.

### How does SIMIX make my air cleaner and fresher?

SIMIX creates a high-pH surface (approximately 12.3) on your HVAC coils that prevents mold, bacteria, and other harmful microbes from growing. This keeps the air circulating through your home or business cleaner and fresher.

### Will installing SIMIX void my unit’s factory warranty?

No. Federal law protects your warranty. The Magnuson-Moss Warranty Act ensures that manufacturers cannot void your warranty just for using SIMIX on your HVAC system.

### Is SIMIX environmentally friendly?

Yes! SIMIX is a water-based ceramic clearcoat that contains no VOCs (volatile organic compounds), and when cured is safe for people, pets, and the environment. It also reduces carbon emissions two ways—by lowering energy consumption and by actively breaking down carbon dioxide.

### What types of properties can benefit from SIMIX?

SIMIX is ideal for any property fitted with an HVAC or cooling system of any kind, including:

- Commercial buildings
- Schools and government offices
- Shopping malls and retail spaces
- Hotels, motels, and restaurants
- Single- and multi-family residential properties
- Hospitals and medical facilities
- Grocery stores and cold storage facilities

### How long does the SIMIX treatment process take?

The optimization process is quick, easy, and hassle-free. Your service technician can optimize your unit in 30–45 minutes, depending on its size and condition.

### How much does it cost?

The cost depends on the size, condition, and number of units being treated. However, most customers recover their investment in just 6–12 months through energy savings alone.

### How long does the SIMIX last?

The SIMIX Multi-Surface Ceramic Clearcoat is long-lasting and never needs reapplication. For best results, simply clean your system at least once a year with SIMIX Multi-Surface Cleaner.

### Is SIMIX guaranteed to save energy?

Yes! When installed by a SIMIX Preferred HVAC Service Partner, we guarantee a minimum 10% energy savings in your first year—or your money back! See the Performance Guarantee for full details.

### How do I get started?

Call now to schedule a free consultation or demo. We’ll evaluate your HVAC system and show you how the **SIMIX Energy Reduction System** can deliver immediate savings and long-term efficiency—while also helping to save the planet.



MADE IN USA

REAL SUSTAINABILITY • REAL SAVINGS™

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