



HVAC ENERGY OPTIMIZATION SYSTEM

**Reduced Florida homeowners kWh usage
by 26.9% and saved \$573**

**SIMIX improves the ability of any new or old unit to produce
dramatically colder and fresher air**



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After cleaning and coating the evaporator and condenser coils, run time was reduced by over 50%, which lowered energy consumption and reduced wear and tear, extending the life of the unit.

For best results rinse and change filters quarterly. • Payback in one year or less. Certified HVAC technician depending on your area estimated charge \$75–125/per ton.

Tony Hopcraft and his wife Lynda live in St. Augustine, Florida. They initially cleaned and coated their 3-ton air conditioner/heat pump with SIMIX in April 2020 and applied 2 more coats in 2023. Since then, they've been saving more money on their energy bill and improved their indoor air quality.

	Before SIMIX (Uncoated)		After SIMIX (Coated)		Recoated 2023	
AIR CONDITIONING — HEAT PUMP	May 2019	\$166	May 2020	\$121	May 2023	\$131
	June	\$225	June	\$181	June	\$146
	July	\$223	July	\$215	July	\$198
	Aug	\$226	Aug	\$225	Aug	\$200
	Sept	\$268	Sept	\$215	Sept	\$201
	Oct	\$211	Oct	\$174	Oct	\$129
	Nov	\$139	Nov	\$147	Nov	\$103
	Dec	\$132	Dec	\$96	Dec	\$84
	Jan 2020	\$139	Jan 2021	\$152	Jan 2024	\$91
	Feb	\$121	Feb	\$87	Feb	\$77
	Mar	\$129	Mar	\$75	Mar	\$90
	Apr	\$144	Apr	\$86	Apr	\$100
	Total	\$2,123	Total	\$1,774	Total	\$1,550
			2,684 less kWh's Reduced kWh usage by 16.3% and saved \$349		4,407 less kWh's Reduced kWh usage by 26.9% and saved \$573	

- IMPACT:**
- 4,407 less kWh's
 - 5,024 lbs. of coal was not burned
 - 12,962 lbs. of carbon dioxide was not released into the atmosphere reducing their Net Carbon Footprint
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 - If an average tree absorbs 48 lbs. of CO₂ annually, 270 trees would have had to be planted

(1 kW = 1.14 lbs. of coal) (1 lb. coal x 2.58 = CO₂ produced) *per US Dept. of Energy

**Lowers your energy bill • Destroys all foul musty odors
Prevents salt and acid rain damage extending the life of your units**



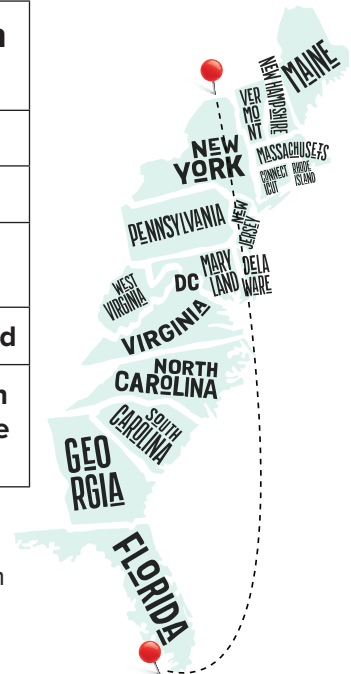
SIMIX reduces your Net Carbon Footprint when you clean and coat you're A/C Unit



What happens when we coat the A/C units at 4.2 million single family homes in the state of Florida?

	Net Savings
1 single family home saves 4,407 kWh/year	18,509,400 MW
1 single family home saves 5,443 lbs of coat per year	10,550,400 tons of coal
Each rail car carries 100 tons of coal	105,504 rail cars eliminated
Every ton of coat burned emits 5,174 lbs. of Carbon Dioxide	27,220,032 tons of carbon dioxide not released to the atmosphere

With each rail car carrying 100 tons of coal per car, the train would be 1,997 miles long and stretch from Key West Florida to the Canadian Border.



REAL SUSTAINABILITY • REAL SAVINGS™

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