

# Tri-County Mechanical Inc.

Heating &  
Air Conditioning



## InfiniGard Seacoast Corrosion Coating

- *Reduces Air Conditioning Energy Cost up to 10 - 15%, Rooftop Units up to 25%*
- *Stops Degradation of HVAC Systems*
- *Improves Efficiency*
- *Improve Indoor Air Quality (Eliminates "Dirty Sock" when Evaporator Coil is Treated)*
- *Increases Longevity of HVAC Equipment (up to 85%)*
- *Increases Laminar Airflow Across the Coil*
- *Sustains Heat Transfer on New Systems, Without a Negative Effect, Increases Heat Exchange on Existing Systems*
- *Decreases Head Pressure (Lowers Energy Cost)*
- *Stands Up to the Hottest and Most Corrosive Environments*
- *Control Panels Can Be Coated*
- *Can Be Slightly Tinted for Marking the System's Coil*
- *Uses Moisture as the Catalyst During the Curing Stage (the System Does Not Have to be Dry Before Coating is Applied)*
- *Dry Film Thickness of .5 mils, Can Apply Up to 3 Coats Without Waiting for Previous Coat to Dry*
- *Standard 5 Yr Coating Warranty, 1 Yr Warranty on Existing Systems*

**Tri-County  
Mechanical Inc.**  
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**SALES ★ SERVICE ★ INSTALLATION**  
Providing Professional Service Through Values, Honesty, Trust  
Integrity and Our Personal Touch of Quality...

Contact Us Today! (843) 399-0203

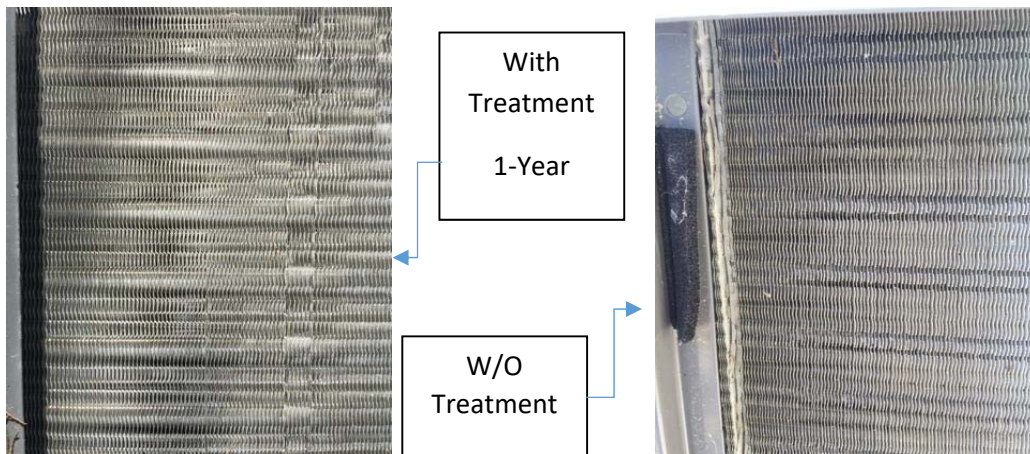


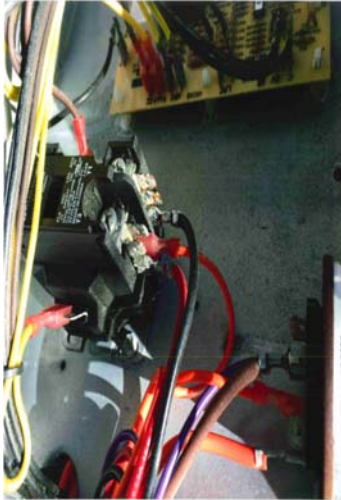
## InfiniGard Seacoast Corrosion Coating

### Test Examples

	Power Savings		
	Trane TTA 180F400AA	Rheem RKKL-B120CL	Lennox Humditron
	Trane 15-Ton Cooling Only	Rheem 10-Ton GasPack	De-Humidifier
Before Treatment	25.89 kW	35.2 kW	7.5 kW
After Treatment	20.08 kW	32.18 kW	5.4 kW
% Reduction	<b>20%</b>	<b>9%</b>	<b>28%</b>

	Annual Savings \$\$\$		
	Trane TTA 180F400AA	Rheem RKKL-B120CL	Lennox Humditron
	Trane 15-Ton Cooling Only	Rheem 10-Ton GasPack	De-Humidifier
Per Month	<b>\$329</b>	<b>\$171</b>	<b>\$105.08</b>
Per Year	<b>\$3,945</b>	<b>\$2,051</b>	





Electrical  
Components  
Treated

Freshly  
Treated



### "Factory Treatments"

- These are sacrificial "paints"
- When dipped at a factory, some of the copper tubing is left exposed
- Only apply coating to the coil
- Bridging can occur
- Decrease laminar airflow
- Organic coating (can allow microbial growth)
- Decrease initial output of the unit
- Decrease efficiency
- Max dry temp range before failure is up to 1,000 degrees
- Some use aluminum/stainless steel pigment to impede corrosion
- Can be highly flammable

### Infinigard Treatment

- Bonds on a molecular level with the substrate
- All tubing is coated
- The entire unit is coated including the inside and outside of the cabinet
- Product will not bridge
- Increases Laminar airflow
- Inorganic coating (does not permit microbial growth)
- Increases initial output on units
- Increases efficiency up to 15%
- Dry temp max is 1,200 degrees
- No metal pigments used
- Sustains heat exchange on new units and restores it on existing units
- Can be field applied