

CORROSION GRENADE®

- The 1st "clamp-on" Corrosion Inhibitor for AC systems
- Manufactured to strict US military specifications
- Provides years of protection for aluminum fins
- Helps maintain the efficiency of AC & refrigeration systems
- Available in 3/8", 1/2", 5/8", 3/4, 7/8 & 1 1/8" sizes
- The right size & the right weight, will not cause vibration

Just installed



After one week of operation



After one week CORROSION GRENADE has turned white due to galvanic corrosion. The corrosion attacked CORROSION GRENADE instead of expensive metal parts.

Pull the Plug On Corrosion®

- Prolongs the life of the coil
- Uses sacrificial anode technology
- Decelerates galvanic corrosion

“Since we have been installing Corrosion Grenades we have noticed a marked reduction in the coil degradation and corrosion”

– Joel B. Cadbury
Windswep A/C
Marathon, FL



CORROSION GRENADE®

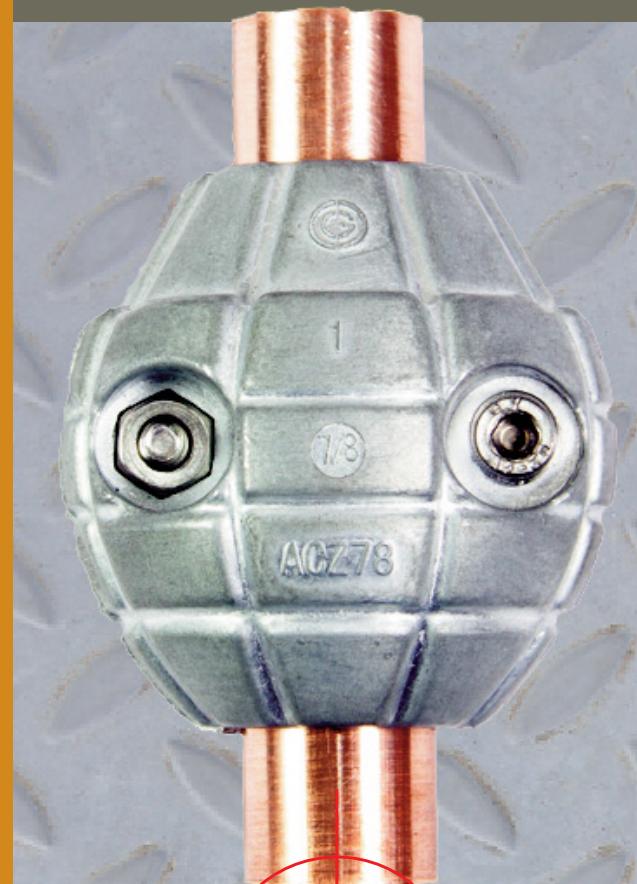
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CORROSION GRENADE®



“Pull the Pin On Corrosion”

Pull the Pin On Corrosion®

Introducing the world's first clamp-on corrosion inhibitor for air conditioning systems.

For years, air conditioning manufacturers' have been plagued with the expensive problem of the aluminum fins deteriorating when the air conditioning unit is installed near the coast.

The reason the fins deteriorate so quickly is due to a process called galvanic corrosion, or commonly referred to as electrolysis. Galvanic corrosion occurs whenever you have dissimilar metals, electrical power and electrolytes present. The air conditioning system is made of copper, steel and aluminum; the moist salt air conducts electricity and is the electrolyte.

Galvanic corrosion only damages the softest or weakest metal, which is the aluminum (see figure 1); therefore, the aluminum fins begin to deteriorate as soon as the system is started.



Air conditioning contractors can fasten a Corrosion Grenade to the suction line of any air conditioner to dramatically slow the corrosion of the aluminum fins.

It works like magic, but it's science.

The Corrosion Grenade (Zinc alloy) and the Corrosion Grenade 2.0 (Aluminum alloy) protect aluminum fins by acting as a "sacrificial anode." As previously mentioned, galvanic corrosion only damages the softest or weakest metal in the system. Referring to the Galvanic Scale (Figure 1), you will see that both of these anodes are more active, least noble than aluminum. Both of these anodes are excellent at protecting the aluminum fins in your air conditioning system.

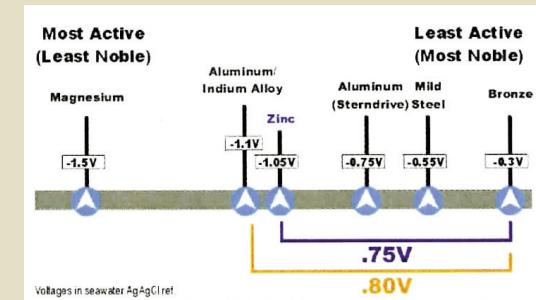
As soon as you attach a Corrosion Grenade, or a Corrosion Grenade 2.0, you have introduced a softer metal than aluminum to the air conditioning system. The galvanic corrosion immediately attacks the Corrosion Grenade instead of the aluminum fins. This increases the life of the aluminum fins and helps maintain the system efficiency.

Have you ever noticed that metal parts in water heaters rarely corrode? That's because virtually every water heater has sacrificial anodes to protect the internal components from corrosion.

The marine industry also uses the science of sacrificial anodes, so you might notice them attached to your marine engine.

The science of sacrificial anodes has been understood since the mid 1800's. Finally, it is available for air conditioning systems. Ask your contractor to install a Corrosion Grenade or a Corrosion Grenade 2.0 to your air conditioning system. Both of these will provide years of protection and help maintain the efficiency of your system.

Figure 1. Galvanic Scale



In order to provide protection, the highest practicable voltage difference possible is required between the sacrificial anode and the metal to be protected.