

## ACID NEUTRALIZER

- Eliminates acid build-up in A/C and refrigeration systems
- Protects against future acid circulation
- Helps prevent compressor burnout
- Compatible with all oils and refrigerants (except ammonia)
- System safe - leaves no harmful by-products
- Rx-Acid Scavenger Connect Inject uses a quick one-time disposable injector
- Connect Inject version uses new formula to improve acid scavenging rate in POE lubricant systems

## Description

The Rx-Acid Scavenger family of products provides a convenient way to neutralize or “scavenge” acid in refrigeration, air conditioning systems after burnouts or during normal on-going system maintenance. Normal dosage treatment of any Rx-Acid Scavenger product will address up to one gallon of system oil. All Rx-Acid Scavenger products are formulated for use with all lubricants - mineral, alkylbenzene, polyol ester (POE) and polyvinyl ether (PVE) lubricants. The traditional Rx-Acid Scavenger product uses a two fluid ounce treatment, whereas the new Rx-Acid Scavenger Connect Inject uses a new formulation to improve the acid scavenging rate in POE and PVE lubricant systems.

## Application

### Acid neutralizer for air conditioning & refrigeration systems:

- For compressor burnout
- For system maintenance

### One kit for all oils. Use with:

- Mineral oil
- Alkylbenzene oil
- POE oil
- PVE oil

## Total System Protection

## Rx-Acid Scavenger



## Packaging

2 fl. oz. liquid bottle	<b>4301-02</b>
Pressurized cannister	<b>4301-05</b>
Injection Valve	<b>4300-89</b>
Connect Inject	<b>4301-06</b>
Connect Injector Tool	<b>4155-01</b>

## Directions for Liquid Bottle (4301-02)

### Burnouts

1. Remove and properly dispose of used oil and refrigerant, and replace burned out compressor.
2. Establish system’s oil capacity.
3. Determine the required amount of Rx-Acid Scavenger using the dosage chart on the enclosed detailed instructions.
4. Add Rx-Acid Scavenger to system as directed and return system to service.

### System Maintenance

1. Use the Nu-Calgon Phase III® Acid Test Kit to verify acid contamination.
2. Establish system’s oil capacity.
3. Determine the required amount of Rx-Acid Scavenger using the dosage chart inside the box.
4. Add Rx-Acid Scavenger to system as directed.
5. Return system to service. (NOTE: it is always recommended that driers be changed.)

**For directions for the pressurized can and Connect Inject, see back page.**

## Directions for Pressurized Can (4301-05)

### If system's low side pressure is **BELOW 65 PSI** while running:

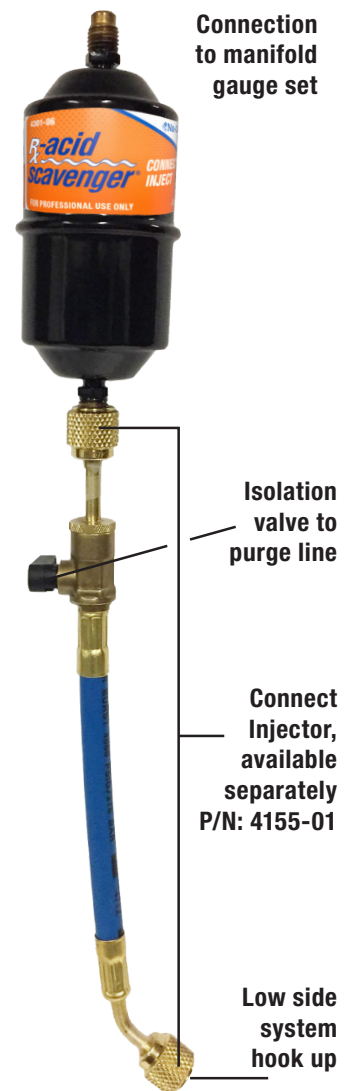
1. Shake can well. Make sure system is running and low side is below 65 psi.
2. Be sure Injection Valve handle (4300-89) is turned fully counter clockwise and attach valve to can.
3. Attach short charging hose to Injection Valve and other end to low side service port. Loosen valve slightly from can to purge air from hose and then re-tighten quickly.
4. With can upright, open valve by turning handle clockwise and hold above low side service port to dispense.
5. Allow approximately 1 minute for Rx-Acid Scavenger to completely enter the system.
6. Once product is dispensed, remove hose from system. Retain hose and valve for future installations and dispose of can properly.

### If system's low side pressure is **ABOVE 65 PSI** while running:

First pump the system down to achieve a low side pressure between 40 and 50 psi. Then, inject into the low side starting with step 2 above.

## Directions for Connect Inject (4301-06)

1. Make sure system is running and low side and high side service ports are properly identified. If unit is a heat pump, be sure it is in cooling mode. Remove caps from the Connect Inject.
2. Make sure isolation valve on Connect Injector (4155-01) is turned off and connect to low side service port. Barely screw on Injector, briefly open valve to purge hose and then tighten.
3. Connect high side (red) line of manifold gauge set to the high side service port. Briefly crack open high side manifold valve to purge air out of the yellow hose. Close high side manifold valve, then quickly tighten yellow hose fitting to the Rx-Acid Scavenger Connect Inject.
4. Open isolation valve on Connect Injector. Over the next minute, with the vessel in a vertical position, slowly modulate high pressure through injector by opening high side manifold valve so product flows into system. Close manifold valve and allow a few seconds for Injector to stabilize to low side pressure.
5. Remove manifold and Injector from the system service ports and replace caps. Remove Connect Injector Tool so it can be used for the next installation – do not discard. Properly discard black colored Injector.



Read and understand the product's label and Safety Data Sheet ("SDS") for precautionary and first aid information. Always wear protective eye wear and gloves before using any Nu-Calgon product.

The SDS is available on the Nu-Calgon website at [www.nucalgon.com](http://www.nucalgon.com).

