

COMPLETELY ELIMINATE

ACID

IN AIR CONDITIONING AND REFRIGERATION SYSTEMS!

# ACID NEUTRALIZER

KEEPS THE ACID AWAY

Works Fast,  
Circulates Quickly  
Can Prevent Compressor Burnout

The BEST Acid Treatment Available:

*A vital part of any preventative maintenance program.*



- ACID** No Solids or Solid Residuals
- ACID** Easy to Use, No Complicated Charts
- ACID** Compatible with ALL Refrigerants
- ACID** Compatible with ALL Lubricants
- ACID** Neutralizes Acid in Recovery Equipment
- ACID** Safe, Will Not Harm System Components

Neutralizes Residual Acid  
Caused By Compressor Burnout.

## Also Available as a Highside Pro Tech Service Kit



Kit Contains:

- 1 - 2 Ounce Plastic Injector pre-filled with 2 ounces of Acid Neutralizer®.
- 1 - Set of Instructions for application of Acid Neutralizer®.
- 1 - 12 Inch Pro Tech Service Charging Hose with Control Valve.
- 2 - 1/4 Inch SAE Service Valve Caps

Refills Available!



11114 REICHOLD ROAD  
GULFPORT, MS, USA.  
<http://www.highsidechem.com>

# HIGH SIDE

CHEMICALS INC.

TELEPHONE: 1-800-359-5599  
Fax: 1-228-896-9544  
e-mail: [admin@highsidechem.com](mailto:admin@highsidechem.com)

Highside Chemical products are available through local wholesalers and distributors worldwide.



# RECOMMENDATIONS FOR CHARGING **ACID NEUTRALIZER**<sup>®</sup> TO REFRIGERATION SYSTEMS

1. DETERMINE THE SYSTEM'S COMPRESSOR OIL VOLUME.
2. USE AN ACID TEST KIT TO ESTABLISH ACID LEVEL.
3. QUANTITY TO USE : Use at least one (1) ounce of Acid Neutralizer.
  - A. ZERO or LOW ACID LEVEL - Add one (1) ounce of Acid Neutralizer for each sixty-four (64) ounces of compressor oil volume.
  - B. MEDIUM ACID LEVEL - Add one (1) ounce of Acid Neutralizer for each forty-eight (48) ounces of compressor oil volume.
  - C. HIGH ACID LEVEL - Add one (1) one ounce of Acid Neutralizer for each twenty-four (24) ounces of compressor oil volume.

#### METHOD 1: HIGHSIDE'S SYSTEM INJECTOR.

Use with standard manifold gauge. Unscrew the cap and fill the system injector to the top with Acid Neutralizer. Fill completely so there is no trapped air. Tighten screw top. Connect the system injector to the low side hose on manifold gauge. Connect low side hose to the low side of the system and high side of the system and purge lines. Slowly open valves on manifold gauge and with the high side pressure, inject the Acid Neutralizer into the low side of the system.

#### METHOD 2: STANDARD CHARGING HOSES.

Place the proper amount of Acid Neutralizer in a charging hose and connect one end to the low side access valve on the compressor and the other end to a source of refrigerant. A 36" charging hose holds 22ml or 3/4 ounces. Be sure hose is full to avoid any trapped air. Make sure all fittings are tight. Open the valve at the refrigerant source. Now with the source of the refrigerant above the access valve, crack the access valve very slowly and force the Acid Neutralizer into the system with refrigerant.

#### METHOD 3: STANDARD OIL CHARGING PUMP.

A standard hand operated oil charging pump can be used to introduce Acid Neutralizer into a refrigeration system. Use the oil pump to add the proper amount of Acid Neutralizer to the high pressure (liquid line) side of the system. Be sure system is completely turned off when using this method.

#### METHOD 4: ADD DIRECTLY TO THE COMPRESSOR OIL.

Acid Neutralizer can be added directly to the refrigeration oil in the compressor's crankcase prior to installing and charging the system. Avoid prolonged exposure to air as most new refrigeration oils and Acid Neutralizer are very hygroscopic.

•ALWAYS determine the compressor's oil volume before preceding. •ALWAYS add Acid Neutralizer to a system very slowly. •ALWAYS use at least one (1) ounce of Acid Neutralizer. •ALWAYS keep Acid Neutralizer and refrigeration oils tightly closed. Avoid contamination.

### OK TO EXCEED RECOMMENDED AMOUNTS

EXCEEDING THE RECOMMENDED AMOUNT OF ACID NEUTRALIZER WILL NOT HARM AIR CONDITIONING OR REFRIGERATION SYSTEMS AS LONG AS THE AMOUNT OF ACID NEUTRALIZER USED IS NOT MORE THAN 10% OF THE COMPRESSOR'S TOTAL OIL VOLUME.



Instructions for Highside Pro Tech Service Kit  
are included with each package.

HIGHSIDE CHEMICAL, INC. • 11114 Reichold Road • Gulfport, MS 39503 USA  
Telephone: 1-800-359-5599, 1-228-896-9220 • Fax: 1-228-896-9544  
<http://www.highsidechem.com> • e-mail: [admin@highsidechem.com](mailto:admin@highsidechem.com)