



March 13, 2019

TECHNICAL DATA REPORT

See SDS for complete safety/technical data



VAPCO PART NO.

| Part Number | Size |
|-------------|--------------|
| XPS5T-P | Up to 5 Tons |
| XPS250T-P | 126-250 Tons |

SYSTEM PROTECT

AC/REFRIGERATION SERVICE XPRESS INJECT

DESCRIPTION

SYSTEM PROTECT is the only product in the industry designed to prevent and attack the biggest threat to refrigerant lines; moisture. System Protect is an Express Inject formulated to neutralize and convert acids into a synthetic lubricant when combined with the products moisture remover. Perfect for preventing and treating moisture and acid formation.

APPLICATIONS

Prevents and removes moisture and acid formation in refrigerant lines, which when left untreated can result in instability, burnouts, or complete system failure. System Protect is not designed for ammonia systems, but is compatible with all other refrigerants and oils.

FEATURES AND BENEFITS

- Eliminates Acid
- Removes Moisture
- Prevents Acid
- Compatible with all Refrigerants except ammonia
- No Need to Pump Down the System, Including R-410A
- Compressible! Easily travels through system with refrigerant

LABEL INFORMATION

SYSTEM PROTECT is the ideal solution for preventing and attacking moisture that can cause acid formation in refrigerant lines. With its unique three pronged offensive and defensive approach; System Protect is able to scour the line for any moisture or acid formation, attack and neutralize acids, and remove moisture by converting acids into a synthetic lubricant compatible with the system's oils.

Directions using Vapco's Direct Inject Gun :

If hose is bent or kinked, do not use!

Turn the A/C system on and verify the unit is running. With the CO2 cartridge in the gun, connect the Xpress Inject to the Direct Inject Gun. Connect the other end to the low-side service port. Briefly pull the trigger. The direct Inject Gun will meter just enough CO2 to empty tube. The sealer has now been injected into the system. Disconnect the empty tube from the low-side port. Install service port cap. Run the A/C unit at least one hour after installing Xpress Inject. 12+ uses per CO2 cartridge. **For traditional methods using refrigerants to install Xpress Inject use the following instructions:** 1. Turn the a/c system on and verify the unit is running. Connect Xpress Inject to the low-side service port of the system. (This is generally the large line). 2. Connect the manifold refrigerant hose to the refrigerant supply tank. Verify the high and low side valves on the manifold are closed

before proceeding. Purge the low pressure hose when connecting to Xpress Inject. 3. Open low-side valve and watch for the tube to clear. (This will ONLY take a few seconds!) Turn off low-side manifold valve as soon as the tube is clear. Turn off refrigerant gas. Verify the system is charged to manufacturer's specifications! Disconnect low-side hose from Xpress Inject. Install service port cap. Run the a/c unit at least one hour after installing Xpress Inject. (Do not bend or kink hose!)

Dangers: Read and understand the product's label and Safety Data Sheet. May be fatal if swallowed and enters airways. Highly flammable liquid and vapor. May cause skin irritation. Toxic to aquatic life. **DO NOT** use in any manner for which it was not designed. Always wear PPE (Personal Protective Equipment) when servicing HVAC equipment.

⚠ WARNING: This product can expose you to Ethyl Alcohol, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

CONTAINS

CONTAINS (CAS#) : Ethyl alcohol (CAS No) 64-17-5

First Aid Measures

Inhalation: If symptoms occur, go to open air and ventilate suspected area. **Immediately call a POISON CENTER or doctor/physician.** **Skin contact:** Wash skin with soap and water. If irritation persists, seek medical attention. **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. **Immediately call a POISON CENTER or doctor/physician.** **Ingestion:** Do NOT induce vomiting. **Immediately call a POISON CENTER or doctor/physician.**

Precautions

Do NOT handle or use this product until all safety precautions have been read and understood. Keep away from heat/sparks/open flame/hot surfaces – NO SMOKING! Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and arms thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/clothing/face/eye protection.

Storage

Keep temperatures below 52°C/125°F. Store in a dry/cool/well ventilated place. Store locked up. Store away from incompatible products.

In Case of Fire

Use dry chemical powder, alcohol-resistant foam or carbon dioxide.

Disposal

Dispose of contents in accordance with local/regional/national regulations. Brass components can be recycled.

