



March 17, 2021

## TECHNICAL DATA REPORT

See SDS for complete safety data

### VAPCO PART NO.

PRG-SC (5 LB)  
PRG-LC (10LB)



# PURGE CYLINDER

LINE SET FLUSH

## DESCRIPTION

Purge System Flush is the industry's all in one solution for cleaning up HVACR systems after burnouts, before refrigeration conversions, and new system/component installations. Purge has been designed to be a powerful but safe solvent that removes sludge, carbon residues, oils, acids, moisture and particulates from condensers, evaporators, and line-sets with no long-term environmental or health risks.

## SIGNAL WORD

## WARNING

## HAZARD STATEMENTS

- Contains gas under pressure; may explode if heated
- Causes serious eye irritation
- Harmful if inhaled
- May cause respiratory irritation
- May cause drowsiness or dizziness
- May displace oxygen and cause rapid suffocation

## PRECAUTION STATEMENTS

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear eye protection/face protection.

**Most important symptoms/effects, acute and delayed Symptoms/Injuries:** Harmful if inhaled. Causes serious eye irritation. May cause drowsiness and dizziness. Asphyxia by lack of oxygen: risk of death. May cause frostbite on contact with the liquid.

## FIRST AID MEASURES

**General advice:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**If inhaled:** First, take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate respiratory protective equipment, use the buddy system), then remove the exposed person to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice/attention.

**In case of skin contact:** Immediately rinse affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**If frostbite or freezing from exposure to aerosol occurs:** For brief contact with a small amount: Rewarm with body heat. Get immediate medical advice/attention. **For extensive contact or a large amount:** Immediately call a poison center/doctor and follow their advice. Specific treatment is urgent, incorrect first-aid practices will aggravate the injury. Protect affected area with a loose cover until proper medical treatment is received. Immediately remove contaminated clothing.

**In case of eye contact:** Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**If swallowed:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

## STORAGE

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Dispose of contents/container to specifications of local, regional, national, and international regulations.

**NEVER CONNECT CAN TO NITROGEN OR MANIFOLD SETS**  
**FAILURE TO INSURE SYSTEM IS DEPRESSURIZED (FREE OF PRESSURE) MAY CAUSE CAN TO BURST AND COULD RESULT IN INJURY**

## FEATURES AND BENEFITS

REMOVES IMPURITIES AND CLEANS OILS, SLUDGE, ACID, MOISTURE AND CONTAMINANTS

- Higher Pressure (140+PSI)
- Safe: Non-Toxic
- Non-Flammable
- Leaves No Residue
- Safer on Soft Metals
- Low Boiling Point

## SPECIFICATIONS

**Appearance/form (physical state, color, etc.):** Clear, liquid cylinder. **Odor:** Solvent odor. Initial boiling point and boiling range: 41°C (106°F). **Evaporation rate:** >3 Fast. **Flammability (solid, gas):** Not considered to be flammable or extremely flammable. **Vapor pressure:** 261 mm Hg at 25°C (77°F). **Vapor density:** 3.7 (Air=1.0). **Relative density:** 1.17 at 25°C (77°F). **Solubility(ies):** Non-soluble in water. **Explosive properties:** Contains gas under pressure; may explode if heated. **Oxidizing properties:** Reacts violently with strong oxidizers.

## DIRECTIONS

**DIRECTIONS:** WEAR SAFETY GLASSES AND GLOVES DURING USE. NEVER CONNECT CAN TO NITROGEN OR MANIFOLD SETS. FAILURE TO INSURE SYSTEM IS DEPRESSURIZED (FREE OF PRESSURE) MAY CAUSE CAN TO BURST AND COULD RESULT IN INJURY.

Use in well ventilated area. Review the configuration of the system. Consider cleaning the condenser, evaporator and line sets separately. For larger systems, disassemble and clean in sections. Remove filter driers/cores, bypass thermostatic expansion

valves, compressor, accumulators, receivers, reversing valves, etc. Never inject into compressor. If possible, crimp/restrict the line-set. This allows for added vigor during procedure. Use an open container to catch oil and debris from procedure. With valve turned out, install valve and gun/hose to canister. Open valve to dispense contents. Inspect collected solvent for cleanliness. Repeat if necessary. Purge system with 100-120 psi nitrogen to clear remaining solvent. Reconnect your system components. Evacuate the systems, leak check, add oil and refrigerant.

## CONTAINS

1. TRANS-1,2-DICHLOROETHYLENE, CAS no.156-60-5, 2. 1,1,1,2-Tetrafluoroethane, CAS no. 811-97-2. Acid and Moisture Removing Additive (Trade secret\*) Acetone, CAS no. 67-64-1. Ethanol Concentration, CAS no. 64-17-5.

Trade secret statement (OSHA 1910.1200(i)) \*TRADE SECRET - Specific chemical identities are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200.