Dec. 27, 2018

TECHNICAL DATA REPORT

See SDS for complete safety/technical data

PURGE

AN ENVIRONMENTALLY SAFE, EFFECTIVE AND ECONOMICAL REFRIGERATION AND AIR CONDITIONING CLEANING SOLUTION

VAPCO PART NO.

Cat. No.	Size
PRG-1	16 Oz 6/cs
PRG-SC	5lbs or 10lbs
PRG-16oz	16 Oz
PRG-HGK	Hose & Gun Kit

DESCRIPTION

Purge is a powerful, environmentally friendly and economical solvent that is used to flush Air Conditioning and Refrigeration line sets during installs, cleanings, retrofits or after burnouts. It is available as a liquid, canister and flush kit. It is the most advanced formula for R-410A Retrofits.

APPLICATIONS

Purge flushes a wide variety of particulates from line sets including sludge, carbon residues, acids, oils and water. It is ideal for R410A change outs, compressor burn outs, retro fitting to new refrigerants and component changes.

FEATURES AND BENEFITS

- No Premature Boil Off
- Leaves No Residue
- Non-Toxic
- Non-Flammable
- Easy to Use
- Economical
- Superior Formulation
- Ozone Safe
- Trigger Nozzle allows for careful metering of solvent
- Only need to buy refills, not new cans for each use
- Industry standard for flushing refrigeration and air conditioning systems

LABEL INFORMATION

Purge cleans and flushes refrigeration systems and line sets. By seeing the solvents from boiling off too fast the advance formula removes more oil and other contaminants than any other flush.

WARNING: 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.

DIRECTIONS: Use in well ventilated area in temperatures above 60°F. 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. **CYLINDER DIRECTIONS:** 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 psig nitrogen to clear remaining solvent. Reconnect your system components. Evacuate the systems, leak check, add oil and refrigerant. FLUSHING LINES SETS TO PREPARE FOR R-410A CONVERSIONS DIRECTIONS: FOR USE BY HVACR PROFESSIONALS ONLY. **LIQUID DIRECTIONS:** 1 Establish one end of the line set as the exit point and crimp or restrict it to increase maximum solvency and contact time. Place a re-sealable recovery container at that exit point to capture the used flush/oil mixture. For best results, connect the liquid line and the suction line at the disconnected air handler. Inject solvent into the liquid line and collect the solvent at the suction line outdoors at the disconnected condensing unit. 2. Attach Hose with Flush Gun assembly to the outlet side of the flush tank valve (opposite the ball valve). 3. Fill the flush tank with Purge liquid (Tank will hold up to 24 ounces of liquid). Reassemble components, then attach the hose from a pressure regulated nitrogen tank to the inlet side (ball valve side) of the flush tank. 4. Set the pressure regulator to deliver 50 psi of nitrogen. Then, slowly open the inlet ball valve to pressurize flush tank. DO NOT EXCEED 200 PSI. After pressurizing the injector tank, close both valves and remove the nitrogen fill hose. Never flush with nitrogen attached to flush tank. 5. Insert Flush Gun in entry port of line and inject flush. Flush in 3 second bursts. One can of Purge Liquid will typically clean 3 line sets. Results will vary according to contamination level and tubing diameter. 6, After injecting the Purge Liquid, proceed to purge the lines with 120 psi of nitrogen for 1 to 2 minutes capturing the solvent/oil residue in the recovery container. Clear flush solvent indicates the lines are clean. If the exiting solvent is not yet clear, repeat steps 5 and 6 flush procedure. 7. Proceed with new equipment installation. Pull a vacuum to evacuate the entire system. This will ensure any residual solvent is removed.
The system is now clean and ready to install the R-410A.

CONTAINS

CONTAINS (CAS#) : Trans, 1,2 Dichloroethylene 156-60-5, 1, 1, 1, 2, 2, 3, 4, 5, 5, 5-Decafluoropentane 138495-42-8, 1,1,1,2-Tetrafluoroethane 811-97-2, Ethyl Alcohol 64-17-5

HMIS: HEALTH: 1, FLAMMABILITY: 1, NFPA REACTIVITY: 1, NFPA OTHER: B

NFPA: HEALTH: 1, FLAMMABILITY: 1, NFPA REACTIVITY: 1, NFPA OTHER: NONE

AEROSOL/KIT DIRECTIONS:

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FLUSHING AFTER BURNOUTS:

1. If possible, flush system in sections. 2. Disconnect compressor and electricity. It is recommended that TXV's and capillary tubes also be disconnected or by-passed, but is not required. 3. Remove filter driers.4. Follow flushing instructions for product. 5. After flushing, evacuate system, leak check, and add oil and refrigerant if satisfactory.

CAUTION

Flammable. Vapors may be irritating to eyes, nose, throat, and lungs. May be harmful if swallowed.HANDLING: Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist. STORAGE: Store in cool place. Protect from contamination. Keep container tightly closed in a dry and well-ventilated place. Store in original container. Avoid freezing temperatures. If stored below -10°C (14°F), mix prior to use. WASTE DISPOSAL: The product should not be allowed to enter drains, water courses or the soil. All hazard precautionary measures should be followed.

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