



R_x11-flush® is designed to quickly and easily flush contaminants from air conditioning and refrigeration systems and line sets. It is ideal for flushing after a compressor burnout, during a refrigerant retrofit, or at a new system installation. Formulated as a unique solvent, R_x11-flush is an azeotropic cleaner that is fast acting, fast evaporating, compatible with system components, nonflammable and noncorrosive.

DIRECTIONS FOR USE:

This product must be used in accordance to the following directions by HVACR professionals only. Wear safety glasses and rubber gloves. Be sure adequate ventilation is provided during the entire procedure. Read warnings on other panel before use.

FLUSHING LINE SETS & CONTAMINANTS AFTER BURNOUT:

1. Disconnect compressor and electricity. It is recommended that expansion valves, capillary tubes and filter driers be removed or by-passed. If possible, flush system in sections.
2. Place a container or pail at outlet point of flushing to catch contaminants, which should be disposed of properly.
3. If possible, install or create a slight restriction at the outlet point; this will enhance contact time and result in a better flushing.
4. The valve on the cylinder is equipped with a 1/4" flare fitting which will connect to a charging hose such as the 4300-52. Utilize the R_x11-flush Gun (4300-51) to simplify control at injection point.
5. Oil load, line configuration, etc. will impact how much flush is needed. Since the valve orifice on this container is larger than the 4300-89 valve that is used with the 1 and 2 pound canisters, a shorter flush time is recommended.
 - Up to 1/2" tubing: Use a 7-10 second burst of R_x11-flush through each line for every 50 feet.
 - Up to 7/8" tubing: Use a 20-30 second burst of R_x11-flush through each line for every 50 feet.
6. Follow with 120 psig compressed nitrogen to increase mass flow and purge flush and contaminants. **DANGER: Insure the R_x11-flush canister is not connected to the nitrogen purge.**
7. Either inject additional R_x11-flush or make required repairs. Pull vacuum to boil off any remaining flush.

4300-15

Nu-Calgon

R_x11-flush®

AC/R SYSTEM FLUSH

TRIPLE ACTION
FLUSHING POWER



OEM ENDORSED



COMPLETE EVACUATION
LEAVES NO RESIDUE



NON-FLAMMABLE
NON-TOXIC

See the SDS for additional safety information.

ADDITIONAL TIPS:

1. If any flush remains in cylinder, it can be saved for future flushing. Simply turn Injection Valve fully counterclockwise and store for later use. If local regulations permit, recycle this cylinder.
2. For extra protection, charge system with R_x-Acid Scavenger® (4301-02) as insurance to protect against acid contamination.
3. See application bulletin 3-112 for additional details.

DANGER: Never connect this cylinder to nitrogen via manifold sets or other charging hoses! Failure to ensure system is free of pressure when injecting R_x11-flush may cause the cylinder to burst and result in injury.

Do not expose to heat or store above 49°C/120°F. Do not refill canister. Vapors are heavier than air. Do not breathe dense concentrations of fumes.



WARNING

Contains gas under pressure; may explode if heated. Harmful if inhaled. Causes serious eye irritation. May cause drowsiness or dizziness.

PREVENTION: Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear eye protection.

RESPONSE: IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

STORAGE: Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

DISPOSAL: Dispose of container in accordance with local, regional, national and international regulations.

CONTAINS (CAS): (E)-1,2-Dichloroethene (156-60-5), Dimethyl carbonate (616-38-6)



00681001430043

Nu-Calgon

2611 Schuetz Road • St. Louis, MO 63043
Customer Service: 800-554-5499 • Chemical Emergency: 800-424-9300
www.nucalgon.com • (0120) Calgon is a licensed trade name • Made in the U.S.A.

FOR PROFESSIONAL USE ONLY

208 NET WT. OZ. (5902 GRAMS)