



INJECT UPRIGHT

Rx11-flush is designed to quickly and easily flush air conditioning and refrigeration systems and line sets, particularly after a compressor failure, during a refrigerant retrofit, or at a new system installation. Formulated as a unique solvent, Rx11-flush is an azeotropic cleaner that is fast acting, fast evaporating, compatible with system components, nonflammable and noncorrosive.

**GENERAL GUIDELINES:** This product must be used in accordance to the following directions by HVACR professionals only.

- See application bulletin 3-112 for additional details. Be sure adequate ventilation is provided during the entire procedure. You will need Rx11-flush canister(s), Injection Valve (4300-89), Rx11-flush Hose (4300-52), Rx11-flush Gun (4300-51), low pressure nitrogen (120 psig) and empty waste container. One canister will clean a 3-4 ton system or 1-2 line sets but the amount will vary depending on line configuration and contamination level.
- Use safety glasses and rubber gloves. Use appropriate, established service practices.
- DANGER:** Never connect this canister to nitrogen via manifold sets or other charging hoses! Failure to insure system is free of pressure when injecting Rx11-flush may cause the can to burst and result in injury.

**FLUSHING LINE SETS**

- Establish one end of line set as the exit point and crimp or restrict this exit point in order to increase mass flow and contact time of Rx11-flush.
- Inject Rx11-flush into line set using Injection Valve (4300-89)\*, Gun (4300-51), and Hose (4300-52).
- The amount of Rx11-flush needed to adequately clean and flush a line set will vary due to oil load, line configuration, etc. Typically, this can will flush 1-2 line sets or up to four (4) 35' lines.
- Follow the Rx11-flush with compressed nitrogen (120 psig) to increase mass flow for maximum cleaning. **DANGER: Insure the Rx11-flush canister is not connected to the nitrogen purge.**
- Pull vacuum to remove any residual solvent.
- Line set is clean and ready for service.

**WARNING: FOR INDUSTRIAL USE ONLY - FOR USE ON AIR CONDITIONING, REFRIGERATION SYSTEMS - NOT FOR USE ON PNEUMATIC SYSTEMS - NON-FLAMMABLE.** Keep out of the reach of children. Contents under pressure. Do not puncture or incinerate container. Do not expose to heat or store above 49°C/120°F. Do not refill canister. This solvent is heavier than air. Do not breathe dense concentrations of fumes. \* **The Injection Valve (4300-89) is equipped with an audible pressure relief alarm that will sound if canister is inadvertently connected to a source of high pressure. If alarm sounds, immediately disconnect hose from source of high pressure. The valve is set to factory specs and should not be adjusted.** Never connect this canister to nitrogen via manifold sets or other charging hoses! Failure to insure system is free of pressure when injecting Rx11-flush may cause the can to burst and result in injury.



4300-09  
(43003)b

Nu-Calgon



**AIR CONDITIONING &  
REFRIGERATION SYSTEM FLUSH**

**OEM Endorsed**

**Reseals to Flush Multiple Line Sets  
Optimal Boiling Point  
Leaves No Residue  
Non-Flammable  
Non-Toxic**

**WARNING:  
CONTENTS UNDER  
PRESSURE**  
Read Warnings on Side Panel.

**FOR PROFESSIONAL  
USE ONLY**

- TECHNICAL DATA**
- Ozone Impact: Zero
- Flash Point: None
- NFPA Ratings: Health=1, Fire=0, Reactivity=1
- See the SDS for additional safety information.

**FLUSHING AFTER BURNOUTS**

- If possible, flush system in sections.
  - Disconnect compressor and electricity. It is recommended that TXV's and capillary tubes also be disconnected or by-passed, but is not required.
  - Remove filter driers.
  - Install a container or pail at outlet point of flushing to catch used oil, sludge, and other flushed material, which should be properly disposed.
  - If possible, install or create a slight restriction at the outlet point; this will enhance contact time and result in a better flushing.
  - Connect the Injection Valve (4300-89)\* to Rx11-flush canister; do not overtighten. The valve is equipped with a 1/4" flare fitting which will connect to a charging hose such as the 4300-52. Do not connect charging hose directly to canister's threaded fitting.
  - Utilize the Rx11-flush Gun to simplify control at injection point.
  - Inject Rx11-flush into the system. NOTE: Never flush the compressor itself. This canister has been designed to dispense all of its contents in an upright position.
  - Follow with compressed nitrogen (120 psig) to increase mass flow for maximum cleaning. **DANGER: Insure the Rx11-flush canister is not connected to the nitrogen purge.**
  - Evaluate system for cleanliness. Either inject additional Rx11-flush or make repairs and secure system.
  - Evacuate system, leak check, and add oil and refrigerant if satisfactory. If appropriate, charge system with Rx-Acid Scavenger<sup>®</sup> (4301-02) as insurance to protect against acid contamination.
  - Reuse: If any product remains in canister, it can be saved for future flushing. Simply turn Injection Valve fully counter clockwise and remove from canister. If local regulations permit, recycle this canister.
- \*4300-89 is equipped with audible pressure relief alarm. See opposite side panel.



**WARNING**

Contains gas under pressure; may explode if heated. Causes serious eye irritation. Causes skin irritation. Harmful if swallowed. May cause respiratory irritation.

**PREVENTION:** Wash thoroughly after handling. Wear eye/face protection. Wear protective gloves. Do not eat, drink or smoke when using this product. Avoid breathing gas. Use only outdoors or in a well-ventilated area.

**RESPONSE: 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 advice/attention. **If on skin:** Wash with plenty of water. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. **If swallowed:** Call a poison center/doctor if you feel unwell. Rinse mouth. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

**STORAGE:** Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Store locked up. **DISPOSAL:** Dispose of contents/container in accordance with local/regional/national/international regulations.

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Customer Service: 800-554-5499 • Chemical Emergency: 800-424-9300  
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**15.7 NET WT. OZ. (445 GRAMS)**

DOT 20 SP-10232