THE NEXT GENERATION IN FLUSH TECHNOLOGY!

- The industry standard for flushing refrigeration and air conditioning systems
- Ideal for system clean-up after burnouts
- Cleaning is fast and efficient leaving no residue
- Formulated for R-410A retrofits

Total System Protection

Rx11-Flush Liquid

Description

Rx11-flush Liquid is a new and improved chemistry that is the next generation in flushing technology. It remains a constant boiling solvent and is now stronger, faster acting and dissolves more oil, moisture and contaminants than any other flush. It is ideal for line sets, burnouts and other flushing requirements. It is non-toxic, non-flammable and is non-ozone depleting.

Application

From time to time, refrigeration and air conditioning systems suffer failures which result in contamination. The most common such failure is a compressor burnout. During such an event, the refrigeration system becomes contaminated with large quantities of unwanted particulate, sludge, acids, carbon residues and possibly moisture. All of these contaminants must be removed before the system can be returned to duty.

In earlier years, these systems were flushed with the popular CFC-based solvent R-11, a material that was favored because it was safe to use, cleaned efficiently and was easily removed from the system. Unfortunately, R-11 was a major ozone-depleter and was gradually phased out of production.

Enter Rx11-flush, pioneered within cutting edge HFC technology. It offers all of the benefits of R-11 without the environmental concerns. It is a powerful cleaner, stronger than R-11 ever was, and it is the best prescription to effectively scrub the inside of the refrigeration system. It dries quickly, has a low boiling point, will not attack components, offers great worker safety ratings and is affordable.

Additionally, with the advent of 13 SEER equipment and the retrofit to R-410A equipment, Rx11-flush is the ideal solution for line sets. Simply put, they can be flushed.

Features and Benefits

- Non-toxic and non-flammable
- Optimal boiling point enhances complete evaporation
- Can be used for new system cleaning, retrofits, flushing line sets, or after burnouts

Read and understand the product's label and Safety Data Sheet ("SDS") for precautionary and first aid information.

The SDS is available on the Nu-Calgon website at www.nucalgon.com.

Directions for Line Set Flushing

Use Flush Tank and accessory tools in Rx11-flush Kit (4300-38) for the following procedures.

1. Establish one end of the line set as the exit point and crimp or restrict it in order to increase mass flow and contact time.
2. Place a re-sealable recovery container at the exit point to capture the used flush/oil mixture.
3. Attach Flush Hose with Flush Gun to the outlet side of the Flush Tank valve (opposite the ball valve).
4. Unscrew top and pour Rx11-flush Liquid into the Flush Tank (Tank will hold up to 24 ounces of Rx11-flush Liquid). Reassemble components, then attach the hose from a pressure regulated nitrogen tank to the inlet side (ball valve side) of the Flush Tank.
5. 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.
6. Insert Flush Gun in entry port of line and inject flush. One can of Rx11-flush Liquid will typically clean 3 line sets. Results will vary according to contamination level and tubing diameter.
7. After injecting the Rx11-flush Liquid, proceed to purge the lines with 120 psi nitrogen, 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 flush procedure.
8. Pull vacuum to remove any residual solvent. Line set is now clean and ready to service.

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 on opposite panel.
5. After flushing, evacuate system, leak check, and add oil and refrigerant if satisfactory. If appropriate, charge system with Rx-Acid Scavenger® (4301-02) as insurance to protect against acid contamination.

Safety and Additional Points

1. The waste solvent will contain used oils and other organic contamination. Pour the contaminated solvent into a waste oil drum for proper disposal. If the solvent needs to be transported, care should be taken to ensure the container is properly sealed to prevent spillage.
2. If an additional Rx11-flush is required to fully purge a larger system, you do not need to disconnect the Rx11 Injection Valve from the refrigeration system. Simply close the valve and remove it from the first Rx11-flush canister. Replace it with a new canister to continue flushing.
3. Do not smoke or use an open flame around these materials.
4. Adequate ventilation is highly recommended, particularly in equipment rooms.
5. Use gloves and full face protection.

Packaging

19.5 oz. Canister:	**4300-30 (flushes 3-4 tons)**
Starter Kit:	**4300-38**
Flushing Tool:	**4300-50**
Rx11-flush Gun:	**4300-51**
Rx11-flush Hose (24″):	**4300-52**

4300-30

4300-38

4300-50

4300-51

4300-52

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