

# SludgeGun™

Line Set & System Component  
Flushing Tool



## KEY FEATURES

**Convenient Reusable Flushing Tool**

**For Flushing Contamination from Line Sets and System Components**

**Use with Sludge Gun Cleaning Fluid H-SG16 (sold separately)**

**Built-in Pressure Relief Safety Valve**

Part #	Product	QTY	Size
H-SG25	Line Set & System Component Flushing Tool	1	Kit
H-SG25-4	Line Set & System Component Flushing Tool	4	Kits



The Flushing Tool contains a reusable canister (with built-in 200psi pressure relief valve), system hose and flush nozzle Gun. Use Flushing Tool to clean line sets for conversion from R-22 to R-410A (mineral oil to POE oil) as well as to flush the contaminants from a system after a compressor burn out. With high acidic levels after a compressor burnout, more solvent may be required to flush the system.

**Directions For Use:**

**WARNING:** This product is for use ONLY by trained HVACR professionals. Always wear full protective eyewear when handling this product or performing flushing service.

Sludge Gun Flushing Tool is for use with Sludge Gun Cleaning Fluid, H-SG16 (sold separately).

**Line Set Flushing:**

1. Recover refrigerant and remove old equipment in compliance with federal, state, and local regulations.
2. Place a sealable container or bucket under the outdoor line set opening to collect used Cleaning Fluid. Partially crimp the ends of each line to restrict flow to increase Cleaning Fluid pressure and contact time.
3. Attach Sludge Gun hose and flush nozzle to the outlet side of the canister valve. Unscrew valve assembly and fill canister with the desired amount of Sludge Gun Cleaning Fluid. Close the ball valve and screw assembly onto the filled canister.
4. Attach inlet (ball valve side) of assembled Sludge Gun Flushing Tool to a pressure-regulated nitrogen source. Set nitrogen pressure regulator to 50 PSI. Slowly open ball valve to pressurize canister. DO NOT EXCEED 200 PSI. Close canister ball valve and nitrogen valve, then disconnect nitrogen source.
5. While keeping the canister upright, firmly hold rubber cone tip of the flush nozzle into the opening of the line to be flushed. Squeeze trigger in short bursts to maximize cleaning action. One can of Sludge Gun Cleaning Fluid will typically clean 3 line sets. Results will vary depending on tubing diameter and level of contamination.
6. Slowly open ball valve to depressurize canister. Disconnect flush nozzle from canister. Attach flush nozzle to nitrogen source and purge lines at 150 PSI. Inspect discharge container for contamination. If necessary, repeat flush until Cleaning Fluid is clear.
7. The line set is now ready for service.

**Compressor Burnouts:**

1. Remove or bypass system restriction components such as filter driers, expansion valves, orifices, etc.
2. Flush components separately using the Line Set Flushing instructions.
3. For added protection of the new compressor, consider using LubriTect Acid & Moisture Treatment, H-3702.

**WARNING:** This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

**WARNING:** Only use flushing agent that will not harm aluminum. Always use hand & eye protection. Do not operate this equipment unless you wear full coverage safety goggles during the flushing process.

Working pressure: 100 PSI. Do not exceed 200 PSI.