

## Specifications

- Product** Pro-Flush®
- Application** HVAC & Refrigeration Systems flush
- Purpose** Quick and easy method for flushing line sets and other system components during retrofits and cleaning systems after compressor burn-outs.
- Advantages**
- Low toxicity and residue free
  - Formulated for R-410A retrofits, refrigerant conversions and compressor burnouts
  - Compatible with CFC and HFC refrigerants and compressor oils
  - Solvents are non-VOC and conform to EPA SNAP standards
  - Economical - Kit includes refillable tank, 8 oz. can of Pro-Flush®, injection tool and charging hose.
  - Refillable tank includes pressure relief valve for added safety

- Directions** Directions for Flushing Line Sets Preparing for R-410A Conversions Using the Pro-Flush® Kit:
1. Establish the one end of the line set as the exit point and place a re-sealable recovery container to capture the used solvent/oil mixture.
  2. Restrict the exit point to allow Pro-Flush® to achieve maximum solvency of residual oil. For best results, use a DiversiTech Line Set Flush Adapter (sold separately) to connect the liquid line and the suction line at the disconnected air handler. Inject solvent into the liquid line and collect solvent at the suction line outdoors at the disconnected condensing unit.
  3. Attach the service hose with injector tool assembly to the outlet side of the injection tank valve (opposite the ball valve).
  4. Pour the Pro-Flush® Solvent into the Injector Tank. A tank may be filled with up to 24 oz. of Pro-Flush®. Reassemble components then attach the hose from a pressure regulated nitrogen tank to the inlet side (ball valve side) of the injector valve.
  5. Set the pressure regulator to deliver 50 psi of nitrogen then slowly open the inlet valve to pressurize injector tank. After pressurizing the injection tank close both valves and remove the nitrogen fill hose.
  6. Insert injector in entry port of line and flush in 3 second bursts in stages. One 8 oz. can of Pro-Flush® will typically clean up to 250 ft. of liquid line. Results will vary according to contamination level and tubing diameter.
  7. After injecting the Pro-Flush®, proceed to purge the lines with 150 psi nitrogen for 1-2 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 6 and 7.
  8. Proceed with new equipment installation and use a vacuum pump to evacuate the entire system. This ensures removal of any residual solvent.

Detailed instructions for line set flushing as well as system flush after a compressor burnout are contained in the printed insert included in the Pro-Flush® Kit or at [www.diversitech.com](http://www.diversitech.com).

- Flash Point** None to boiling (41°C/106°F) ASTM D56-87 - TAG Closed Cup (TCC)
- Safety Data**

**Warning!** Wear suitable personal protective equipment such as gloves and face protection to avoid contact with skin or eyes. Use only with adequate ventilation. Flush into a re-sealable waste collection container and flush from indoor spaces to the outdoors when possible. Avoid flushing in confined spaces near sources of ignition such as pilot lights, motors, etc. Vapors from residual refrigeration oil, spent flushing solvent and refrigerant mixtures may be flammable or combustible. Vent hoses and use caution when disconnecting. Avoid breathing fumes, vapors or contact with solvent and residue that has been removed from the system. Do not take internally. May be harmful or fatal if swallowed. Store Pro-Flush® in a cool, dry area, away from sources of ignition.

**Note:** If the temperature of the Pro-Flush® can is above 106° F, cool the contents of the can with running water before opening for safety and best flushing results



# Pro-Flush®

# Flushing Solvent

**PRESSURE WARNING:** The Pro-Flush® Injector features a pressure relief valve for safety. However, always use a suitable pressure regulator when charging with high pressure nitrogen. For best results, solvent usage, and safety follow the Pro-Flush® recommendations for solvent dispensing with the Pro-Flush® injector. Avoid injector pressures in excess of 200psi.

**First Aid:** For eye contact, rinse the eyes with running water for 15 minutes, lifting the eyelids occasionally to flush the area behind the lid. If irritation persists, get medical attention. For skin contact, wash the affected area with soap and water, then rinse thoroughly with water. Wash contaminated clothing before re-use. For inhalation, remove affected individual to fresh air. If the victim is not breathing, administer artificial respiration. If breathing is difficult, administer oxygen. Get medical attention. If swallowed, do not induce vomiting. Dilute by drinking 3-4 glasses of water or milk, and call the nearest poison control center or the National Poison Control Hotline at 1-800-222-1222 for advice.

Consult the MSDS for additional storage and handling information.

## Package Metrics

Producer of Goods DiversiTech  
 Domestic/Foreign Commodity Domestic

### SKU Specific Package Metrics

Catalog No.	Description	Size	Quantity per Case
PF-KIT	Pro-Flush® HVAC Flush Kit	6-1/2" x 3-1/4" x 12"	1
PF-08	Pro-Flush® Flushing Solvent	8 ounce can	6
PF-16	Pro-Flush® Flushing Solvent	16 ounce can	6

