

# PRO-FLUSH™ ADVANTAGES

## FEATURES

## BENEFITS

16 oz. of Pro-Flush™ will typically clean up to 500 ft. of liquid line

Lower cost per use

Pro-Flush™ kit includes hose, injector, a refillable tank and one can of Pro-Flush™

Nothing else to buy. Refills are fast and easy, and you only pay for what you need!

Injector Trigger Tool

Allows metering; single hand operation and more accurate control

Non-VOC formula conforms to EPA SNAP Standards

No HAZMAT

High flush solvency and evaporation

Cleans line sets and equipment — no residual solvent remains in the line

Safety valve on tank

Safer to use

Flashpoint

No flash point to boiling. (41°C/106°F) - TAG Closed Cup (per ASTM D-56)

## Pro-Flush™ HVAC Flushing Solvent

CATALOG NO.	DESCRIPTION	STANDARD PACK
PF-KIT	Pro-Flush™ Kit (injector, 16 oz. refill, nozzle adapter and hose)	1
PF-16	Pro-Flush™ 16 oz. Refill	1

## About DiversiTech

DiversiTech Corporation is North America's largest manufacturer of equipment pads and a leading manufacturer and supplier of components and related products for the heating, ventilating, air conditioning, and refrigeration (HVACR) industry.

Headquartered in the Atlanta, GA metropolitan area, DiversiTech manufactures a suite of products which includes a wide range of mechanical, electrical, chemical, and structural parts for HVACR and electrical systems, and swimming pool installations. The company maintains manufacturing and distribution facilities in key U.S. locations, Europe, and in the Far East. DiversiTech has enjoyed a continued history of successful growth and has acquired industry-recognized names including Devco® Enterprises, Wagner® Manufacturing, The Black Pad®, and Specialty Chemical.



Just plug in the adapter nozzle and hit the trigger!

## PRO-FLUSH™ HVAC FLUSHING SOLVENT



Download an electronic version of this brochure at:  
<http://media.diversitech.com/doc/DOC00006.pdf>

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**Pro-Flush™ answers your need for a professional quality flushing solvent with the components to match.**

- Formulated for R-410A retrofits, refrigerant conversions and compressor burnouts
- Lower cost solution than competitive pre-charged kits
- Solvents are non-VOC, conform to EPA SNAP standards, and are non-HAZMAT
- Low toxicity and residue free
- Kit includes reusable tank with a pressure relief valve for added safety, a hose, and an injector trigger nozzle
- Better delivery system



**Q: What refrigerants is Pro-Flush™ compatible with?**

**A:** Pro-Flush™ is compatible with CFC and HFC refrigerants and compressor oils.

**Q: Is Pro-Flush™ safe to use?**

**A:** Pro-Flush™ is safe, nontoxic and residue free. In addition, Pro-Flush™ conforms to EPA's Significant New Alternatives Program (SNAP) standards.

**Q: Is Pro-Flush™ HAZMAT?**

**A:** Pro-Flush™ is not HAZMAT for storage or ground transportation.

**Q: What is the advantage of the reusable injector tank?**

**A:** 1. The reusable tank lowers cost since you only need to buy the Pro-Flush™ refill cans.  
2. Pre-charged cans include refrigerant propellants which are more expensive to use than nitrogen.  
3. The trigger assembly allows for infinite control of dosage insuring more economical use of the solvent.  
4. Using nitrogen as the propellant is less expensive and more environmentally friendly than using HFC-134A. HFC-134A is a powerful greenhouse gas. One kilogram of HFC-134A has the same global warming impact as 1,430 kilograms of carbon dioxide (<http://www.epa.gov/cpd/mac/service>).

**Q: Can the injector tank be over pressurized during nitrogen pressurization?**

**A:** Over pressurization is highly unlikely but possible. The injector valve has a reseating pressure relief safety valve set at 200 psi. This helps prevent potential bursting and resultant injury.

**Q: What if I don't require the entire can of Pro-Flush™ Solvent to clean a system or line set?**

**A:** The injection nozzle allows you to control the dose rate and any left over solvent can be stored in the injector for future use.

**Q: How does the dose rate for Pro-Flush™ for burnouts and retrofits compare with the competitors?**

**A:** For R22 to 410A conversions, we recommend 3-second bursts of solvent. A 16-ounce can of Pro-Flush™ will treat up to 500 feet of liquid line. For burnouts, we recommend 2-3 oz. per ton. Pro-Flush™ uses less solvent per application than Nu-Calgon. Treatment results will vary depending on the application and conditions of the line set when serviced.

**Q: Why do you recommend only charging the injector tank to 50psi, then injecting in 3 second bursts?**

**A:** Tests are conclusive that injecting the solvent at lower pressure assures longer solvent to oil contact time. In addition, the smaller volume delivered in short bursts assists in completely dissolving contaminants. In this case, less is better.

**Q: Is nitrogen necessary for use with Pro-Flush™?**

**A:** Nitrogen is used as the propellant for Pro-Flush™. Nitrogen is required with all flushing systems to purge any residual solvent and contaminants through the system.

**Q: Do pre-charged canister systems dispense 100% of the flushing solvent?**

**A:** In many cases pre-charged canister systems will not fully dispense the flushing solvent depending on temperature. At lower temperatures, the R-134a propellant provides less pressure and may leave solvent in the canister. The Pro-Flush™ system allows contractors to add additional nitrogen if there is still solvent left, regardless of temperature.