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**ADDITIVE
INJECTION
SYSTEMS**

**BULLETIN 36
(04-18)**

THE VIPER ADDITIVE INJECTION SYSTEMS

Deadly Accurate - Lightning Fast - Reasonably Priced - Long Lived - Easy

THE VIPER

A simple, refined, high-performance additive injector based on our well-proved pneumatic piston technology. No pipe cutting is required for installation, and the Viper is just as accurate at 5 gpm as at 1600 gpm.

EASY TO INSTALL

The Viper comes in several versions for use on refueler vehicles and loading racks. Pre-assembled Vipers are available.

LONG LIFE

Our tests show a minimum life on clean additive of 35,000,000 gallons before seal replacement is necessary.

ADDITIVES

Both Vipers can be used with a wide variety of additives. Call to see if we have one to cover your needs.

HOLDS ACCURACY

Our piston pump design is very consistent and accurate. Our heavy-duty adjusters are easy to set, and the adjustment is linear so there no guesswork! But you may never have to readjust the Viper.

HEAVY DUTY "SOFT" SEATED CHECK VALVES

Not metal-to-metal, these check valves have special compound self-cleaning seals. Seals are available for all aviation additives and many more.

HIGH VISIBILITY FLOW INDICATOR

The high quality flow indicator is visible up to 50' away and has a long life.

HIGH CAPACITY BUILT-IN STRAINER

The strainer is oversized and built right into the pump.



NEW - DIGITAL VIPER adds inexpensive electronic control and interface, and will now operate on **TWO** meters simultaneously! It has the great advantage of being controlled by a Veeder Root programmable electronic counter. Adjustments to additive rate can be made in tiny increments electronically. The same Viper can be used with a meter (or even two meters at once!) calibrated in tenths of gallons, gallons, liters, dekaliters, or whatever!

HOW TO ORDER

DIGITAL VIPER

STANDARD VIPER

GTP - 9076 - - - - - **(ELECTRONIC SYSTEM)**
GTP - 8776 - - - - **(AIR DRIVEN SYSTEM)**

- (D) Basic
- (P) Assembled with 10 gallon tank
- © Assembled with 5 gallon pail holder
- (G) Panel mounted

- ADDITIVE TYPE**
- (N) DiEGME
 - (F) Betz + 100
 - (Q) Stadis 450/corrosion inhibitor

- NUMBER OF REGISTERS**
- (A) One - single system
 - (B) Two - dual system

- REGISTER**
- (H) Modify customer's register
 - (K) Modify rebuilt register with exchange
 - (V) Modify new register
 - (E) Electronic register control

- REGISTER TYPE**
- (4) Whole gallon
 - (5) 1/10 gallon
 - (6) Liter
 - (7) Dekaliter

- PULSES PER GALLON**
- (1) One pulse per gallon
 - (10) Ten pulses per gallon
 - (100) One hundred pulses per gallon

- VOLTAGE**
- (R) 12 VDC
 - (S) 24 VDC
 - (T) 120 VAC
 - (U) 240 VAC
- NOTE: Power from pulse transmitter must be DC.

- (3) ¼" injector for 3" pipe or larger

- TANK OPTIONS FOR 8776D, 8776G, 9076D, & 9076G**
- (1) 10 gallon stainless steel tank
 - (2) 5 gallon pail holder and 5 gallon pail suction tube

ACCESSORIES TO BE ORDERED SEPARATELY

- | | |
|-------------|--------------------------------|
| GTP-3355 | 55 gallon drum level indicator |
| GTP-3355-10 | 55 gallon drum rack |
| GTP-5504 | 55 gallon drum suction tube |
| GTP-3895 | 55 gallon drum vent assembly |
| GTP-8776-9 | 5 gallon pail - empty |

GTP-8691-4 - Calibrator

- SCALE**
- (A) 256ppm
 - (B) 1000ppm
 - (C) 1500ppm
 - (D) 1800ppm
 - (E) 0-180 mL

- ADDITIVE TYPE**
- (1) DiEGME
 - (3) Betz + 100
 - (4) Stadis 450/corrosion inhibitor

NOTE: 55 gallon drums must be horizontal for best operation.