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**ADDITIVE  
INJECTION  
SYSTEMS**

**BULLETIN 36  
(10-02)**

## THE VIPER ADDITIVE INJECTION SYSTEMS

### Deadly Accurate - Lighting Fast - Reasonably Priced - Long Life - Easy

**The Viper is a simple:** refined, high performance additive injector based on our well proven 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.

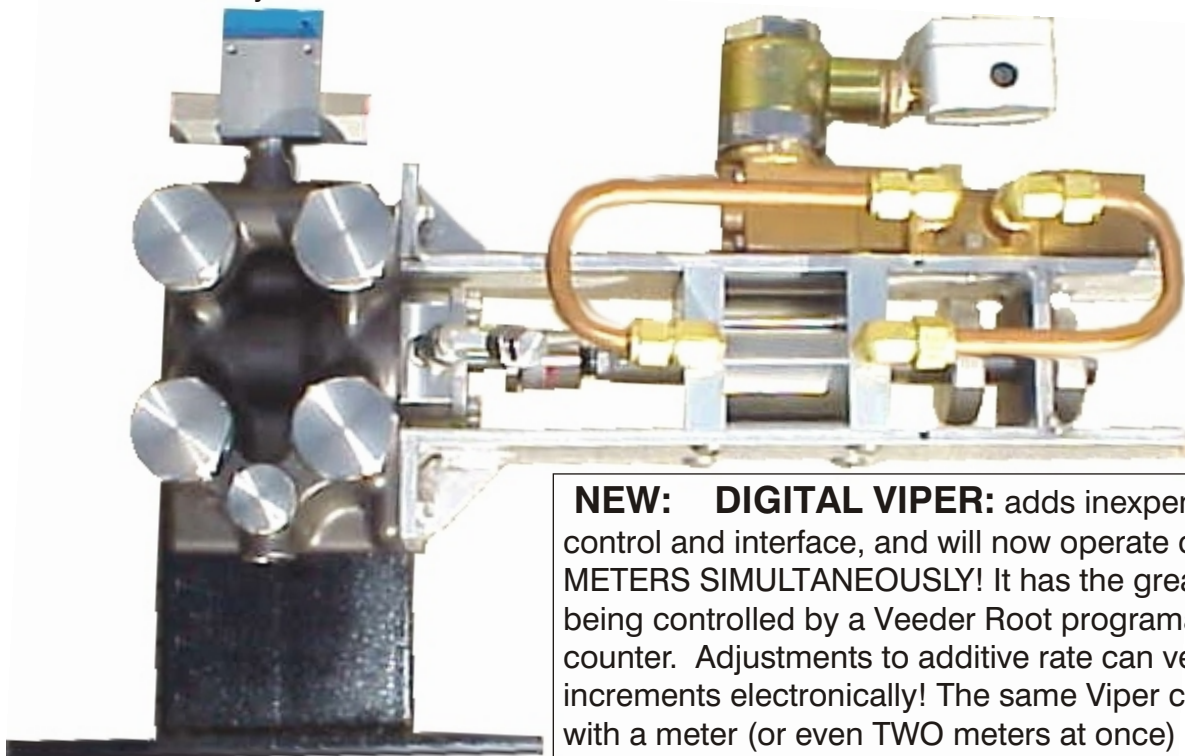
**Additives:** both Vipers can be used with a wide variety of additives. Call to see if we have one to cover your needs.

**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 is no guess work! 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 capacity built-in strainer:** oversized and built right into the pump.

**High Visibility Flow Indicator:** visible up to 50' away, high quality, long life



**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 programable 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!

DIGITAL VIPER GTP - 9076 - - -- ( ELECTRONIC SYSTEM )

STANDARD VIPER GTP - 8776 --- ( AIR DRIVEN SYSTEM )

(D) - BASIC  
 (P) - ASSEMBLED WITH 10 GAL. TANK  
 (C) - ASSEMBLED WITH 5 GAL. PAIL HOLDER  
 (G) - PANEL MOUNTED

ADDITIVE TYPE  
 (N) - DIEGMME  
 (O) - BIOBOR  
 (F) - BETZ + 100  
 (Q) - STADIS 450 /  
 CORROSION INHIBITOR

NUMBER OF REGISTERS  
 (A) - ONE = SINGLE SYSTEM  
 (B) - TWO = DUAL SYSTEM

REGISTER  
 (H) - MODIFY CUSTOMERS REGISTER  
 (K) - MODIFY REBUILT REGISTER WITH EXCHANGE  
 (V) - MODIFY NEW REGISTER  
 (E) - ELECTRONIC REGISTER CONTROL

PULSES PER GAL.  
 (I) - PULSE PER GAL.  
 (10) - PULSES PER GAL.  
 (100) - PULSES PER GAL.

VOLTAGE  
 (R) - 12 VDC  
 (S) - 24 VDC  
 (T) - 120 VAC  
 (U) - 240 VAC

POWER FROM PULSE TRANSMITTER MUST BE DC

(3) - 1/4" INJECTOR FOR 3" PIPE OR LARGER

TANK OPTIONS FOR  
 8776D, 8776G, 9076D AND 9076G  
 (1) - 10 GALLON STAINLESS STEEL TANK  
 (2) - 5 GALLON PAIL HOLDER AND  
 5 GALLON PAIL SUCTION TUBE

REGISTER TYPE  
 (4) - WHOLE GALLON  
 (5) - 1/10 GALLON  
 (6) - LITER  
 (7) - DEKALITER

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) - 256 PPM  
 (B) - 1000 PPM  
 (C) - 1500 PPM  
 (D) - 1800 PPM  
 (E) - 0-180 ML

ADDITIVE TYPE  
 (1) - DIEGMME  
 (2) - BIOBOR  
 (3) - BETZ + 100  
 (4) - STADIS 450 /  
 CORROSION INHIBITOR

NOTE: 55 GALLON DRUMS MUST BE HORIZONTAL FOR BEST OPERATION.