

## VENTURI PROPORTIONER



### PRODUCT DESCRIPTION

Dosatron's self-cleaning polypropylene proportioner is chemical resistant and includes a built-in check valve designed to prevent back filling into the concentrate tank. A simple 1/4 turn of the handle changes the function from dosing (ON) to rinsing, and a system of 12 color coded tips are provided for various injection rates. Back flush mode allows for easy cleaning.

### PRODUCT SPECIFICATIONS

Dilution Range:	1:100 to 1:2.3 (1% to 43.6%)
Water Flow:	up to 2 GPM in ON mode; up to 13 GPM in Rinse mode
Operating Pressure Range:	7 to 58 PSI
Available Housing Materials:	Polypropylene
Weight:	7.4 oz
Connection Size:	3/4" NPT
Maximum Temperature:	160° F
Included Accessories:	12 color coded tips to various injection rates
Replacement Parts:	Replacement Tip Kit - part #: P806







**Call 800-523-8499 to order the Dosatron for your specific application**









# DOSATRON®

WATER POWERED DOSING TECHNOLOGY

## VENTURI PROPORTIONER

Tip Color	Injection Range Based On Pressure
Red 	1.1% @ 7 PSI to 0.6% @ 58 PSI
Orange 	1.2% @ 7 PSI to 0.7% @ 58 PSI
Black 	2.2% @ 7 PSI to 1.2% @ 58 PSI
Light Green 	2.6% @ 7 PSI to 1.5% @ 58 PSI
Yellow 	3.5% @ 7 PSI to 2.1% @ 58 PSI
Brown 	6.0 % @ 7 PSI to 3.6% @ 58 PSI

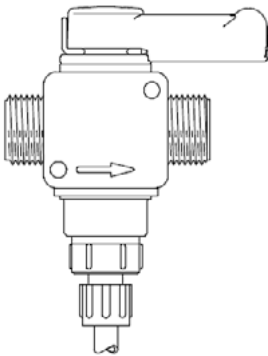
Tip Color	Injection Range Based On Pressure
Dark Green 	7.7% @ 7 PSI to 4.5% @ 58 PSI
White 	10.4% @ 7 PSI to 6.6% @ 58 PSI
Blue 	15.3% @ 7 PSI to 10.6% @ 58 PSI
Purple 	21.2% @ 7 PSI to 15.5% @ 58 PSI
Gray 	32.8% @ 7 PSI to 22.4% @ 58 PSI
Tan 	34.8% @ 7 PSI to 23.0% @ 58 PSI
No Tip	37.0% @ 7 PSI to 26.0% @ 58 PSI

**NOTE:** These results were obtained injecting water. Product viscosity will change these rates.

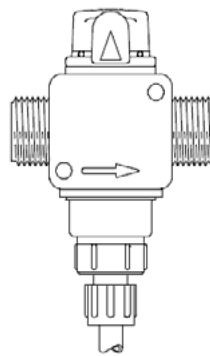
- The higher the viscosity, the lower the injection rate
- The higher the pressure, the lower the injection rate
- Constant pressure and flow conditions are required to obtain repeatability (constant injection results over time)

### 3 HANDLE POSITIONS : 3 FUNCTIONS

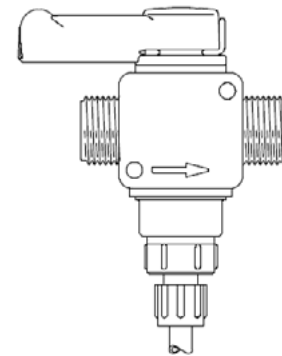
**DOSING**  
water + additive



**RINSING**  
clean water



**MAINTENANCE**  
of the Venturi



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Dosatron International, LLC. is an industry leader in water-powered, proportional chemical injectors. Dosatron products are manufactured according to ISO 9001:2000 and ISO 14001:2004 standards.