

To order now, call 1-800-451-6628

Dosatron Proportioner

Part #:

• **DSA-VENTURI**

Product Specifications

Dosatron's 3/4", self-cleaning polypropylene proportioner is chemical resistant and includes a built-in check valve designed to prevent back filling into the concentrate tank. The 2 GPM proportioner operates from 7 psi to 58 psi and it handles hot water up to 160° F.

The Dosatron Proportioner features:

Flow rates up to 2 GPM at 58 psi in the ON mode

Flow rates up to 13 GPM at 58 psi in rinse mode

Injection rate - 1:100 (1%) to 1:2.3 (43.6%)

Maximum temperature 160° F

Built-in check valve

Suction valve and strainer

Maximum vertical height from
concentrate tank: 6'

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.



Venturi proportioners, under constant pressure and flow conditions, provide an economical means of accurately dispensing chemicals. This simple device offers a wide array of injection rates and performs at high temperatures.

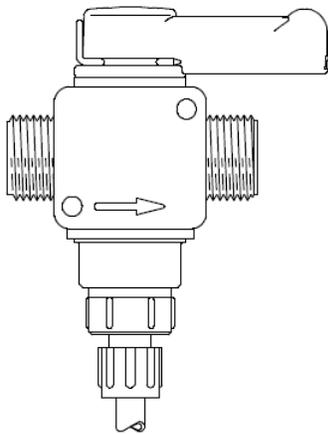
Tip Color	Injection Range Depending On Pressure
Red	1.1% @ 7 PSI to 0.6% @ 58 PSI
Orange	1.2% @ 7 PSI to 0.7% @ 58 PSI
Black	2.2% @ 7 PSI to 1.2% @ 58 PSI
Light Green	2.6% @ 7 PSI to 1.5% @ 58 PSI
Yellow	3.5% @ 7 PSI to 2.1% @ 58 PSI
Brown	6.0 % @ 7 PSI to 3.6% @ 58 PSI
Dark Green	7.7% @ 7 PSI to 4.5% @ 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.

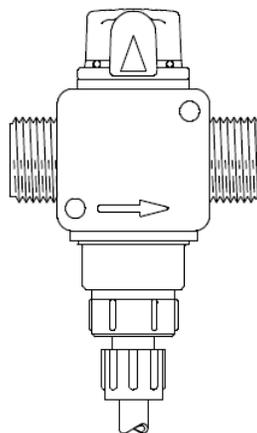
- The higher the viscosity, the lower the injection rate
- The higher the pressure, the lower the injection rate
- Constant pressure and flow conditions are required to obtain repeatability
(constant injection results over time)

3 Handle Positions : 3 Functions

DOSING
water + additive



RINSING
clean water



MAINTENANCE
of the Venturi

