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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. Replacement Tip Kit available (**Part #: P806**). 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)

