



# DOSATRON Low Pressure Modular Self Serve System Installation Guide

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**DOSATRON Low Pressure Modular Self Serve System**



## HIGH AND LOW-PRESSURE

This modular panel system was built to meet the operator's needs and specifications. It can supply from 1 to 10 bays with perfectly mixed on-demand chemical solutions.

The driving force of the Modular Self-Serve Systems is the Dosatron D14MZ-D series chemical dilution dispenser. Dosatrons work using volumetric proportioning, ensuring that the chemical mixture remains the same regardless of variations in pressure and flow.

Each panel comes complete with:

- Dosatron proportioner unit (1)
- Chemical and air solenoid valve manifolds
- Water and air pressure regulators with gauges
- Filter (1)

Once mounted to the wall, all you need to do is bring your water supply to the filter inlet. Then move the power wires from the old solenoids to the new ones along with moving the bay chemical supply lines from the old solenoids to the new ones. Now you are ready to wash!

## FEATURES

FEATURES	BENEFITS
Pre-Plumbed	Time Saver
Completely Assembled	Modular
Ready-to-Mount	Space Saving Installation
Water-Powered	No Chemical Mixing Tanks Needed
	No Air Diaphragm Pumps Required
	NO TIPS to CLOG



THIS SYSTEM OFFERS EASE OF INSTALLATION AND PROVIDES OVER 30 YEARS EXPERIENCE IN THE CARWASH COMMUNITY.

As a carwash operator, you need to focus on what is most important—making new customers, and keeping the customers you have, by providing an excellent experience and a clean wash, every time.

## FAQs

### How does the Modular Self-Serve System work?

For example, your customer enters Bay #1 and turns on the presoak. The #1 solenoid in the manifold served by the presoak Dosatron opens and water flows, driving the Dosatron piston and plunger up and down. The syringe-like action draws and mixes concentrate into the flowing water and dispenses it directly out to Bay #1.

A second customer enters Bay #2 and also turns on the presoak. Now the flow demand has doubled, so the Dosatron automatically strokes twice as fast proportionally maintaining the proper mixture of chemical to water. It's that simple!

### Can I expand the system?

Modular is key to this completely assembled and ready-to-mount system. Each panel includes a hose barb on the discharge end of the water manifold with a ball valve that shuts off. When you are ready to add another panel right next to the first, and continue with another chemical, add a jumper hose to the barb and bring it to the inlet side of the next panel, then open the ball valve; it's that simple.

### What's the right Dosatron for my operation?

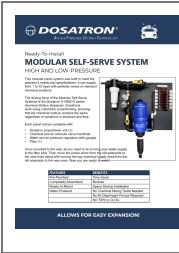
The D14MZ-D Series offers three models:

- **D14MZ2-D** – 500:1 to 50:1
- **D14MZ10-D** – 100:1 to 10:1
- **D14MZ3000-D** – 3000:1 to 333:1

Determine how many solenoids you will need in your manifold and voltage (i.e., 4 bays equals 4 solenoids). And decide if you need an air manifold to foam the chemical.

**QUESTIONS?** CALL 1-800-523-8499

**Documents / Resources**



**DOSATRON Low Pressure Modular Self Serve System** [pdf] Installation Guide

Low Pressure, Modular Self Serve System, Low Pressure Modular Self Serve System, Self Serve System, Serve System, D14MZ-D Series