



# LAUNDRY SOLUTIONS: CHEMICAL DOSING

## Smart, Accurate Chemical Dosing For Your Aurora Laundry System

The DEMA Chemical Measurement System (CMS) simplifies and maintains accurate laundry chemical dosing for your Aurora laundry system. Installation and setup is quick and easy, with no calibration required. The CMS measures each chemical prior to being dispensed into the laundry machine and its accuracy is maintained throughout the life of the squeeze tubes. Each chemical is flushed through the system before the next one is dispensed to eliminate cross contamination.

### Features & Benefits

- DEMA Connect mobile app for smart device remote programming and reporting
- Consistent and accurate chemical dosing throughout the life of the squeeze tube
- Sensor technology – no pump calibration needed, proof of flow and delivery
- Self-cleaning post-flush process, each chemical dose is flushed to the laundry machine with water, this process cleans the flow meter after each chemical dose
- Senses and alarms for out of chemical product events
- Automatic pump calibration, system requires no manual pump calibration for setup

### How it Works:

When the laundry machine signals for chemical, the Aurora with CMS goes to work. The system will prime the flush manifold and flow meter with water in seconds. The Aurora will operate the chemical pump without running the flush, thus delivering chemical to the primed flush manifold. As the chemical is delivered it forces water through the CMS flow meter. The flow meter measures the volume of the displaced water and stops the pump when the programmed amount of chemical is reached. The Aurora then flushes the chemical to the laundry machine.



86F.AB5	1/2" Barb Outlet
86F.AJ5	3/8" John Guest (push-on) Outlet



### DEMA Engineering Company

10020 Big Bend Road.  
St. Louis, MO 63122 U.S.A  
Tel: 1-800-325-3362  
Fax: 314-965-8319



[www.demaeng.com](http://www.demaeng.com)



[sales@demaeng.com](mailto:sales@demaeng.com)