



# BEST PRACTICES

## WATER QUALITY

- Install a 200 mesh or 80 micron filter on inlet side of the Dosatron unit

## WATER TEMPERATURE

- Maximum 104°F (40°C)

## WATER FLOW

- Introduction and shut off of water flow to the unit should be gradual
- Keep water flow within specified range. 2 clicks per second is a good rule of thumb, indicates maximum flow
- Install flow restrictor on inlet side of the Dosatron unit if there is any possibility of overflowing the unit

## WATER HAMMER

- Water hammer can increase the pressure of water four fold in a pipe and cause severe damage
- In case of water hammer, water hammer arrestors must be installed. Water hammer arrestors are available from us or from any plumbing supply house

## WATER PRESSURE

- Keep water pressure within specified range
  - 85 PSI for most 3, 7, 11 and 14 GPM units (with the exceptions of the DI110, D25RE10 and DI520)
  - 70 PSI for 20 GPM units
  - 110 PSI for 40 GPM units
  - 120 PSI for the 100 GPM unit
- Install *pressure regulator* on inlet side of the Dosatron unit, particularly when there can be pressure spikes beyond the specified range of the Dosatron unit

## CONCENTRATE TANK

- Install Dosatron dispenser within 10 feet of concentration container. (Unit will draw 13 vertical feet.)
- Use a single length of suction hose and avoid connections as they may allow an air leak. If you do use a connection, please test it for air leaks using soapy water
- Keep the suction hose 2" or 3" above the bottom of the concentrate tank
- Suction hose cannot be pressurized

## CHEMICAL

- Please review your chemicals or concentrate with Dosatron Technical Support prior to using a Dosatron.

## MAINTENANCE

- BEST PRACTICE is rinse unit by injecting clear water through the injection hose for few minutes, especially when using aggressive chemicals, suspended chemicals or chemicals likely to come out of suspension
- Before placing the unit in storage: drain unit, clean and protect from freezing temperatures
- We recommend performing annual seal maintenance. Contact us for maintenance recommendations.
- A free Preventative Maintenance program is available on our website. This allows you to automatically schedule seal changes and other maintenance. You can choose between email, fax or phone call and at a period of your choice. [www.dosatronusa.com/pm](http://www.dosatronusa.com/pm)
- Return unit to Dosatron Service Center every 3-4 years for complete evaluation and maintenance. Please contact us for more details.
- Use proper protection/ precaution when disassembling injector; it will be full of water and chemical in its concentrated form (especially the stem area). Protective gloves, eyewear and aprons are a good idea.

## TECHNICAL SUPPORT & CUSTOMER SERVICE

(800) 523-8499 • (727) 443-5404 • Fax: (727) 447-0591 • [mailbox@dosatronusa.com](mailto:mailbox@dosatronusa.com)