

# WATER & WASTEWATER

## Municipalities and Wastewater Treatment Plants

### Well and Surface Water Treatment Odor and Stain Control

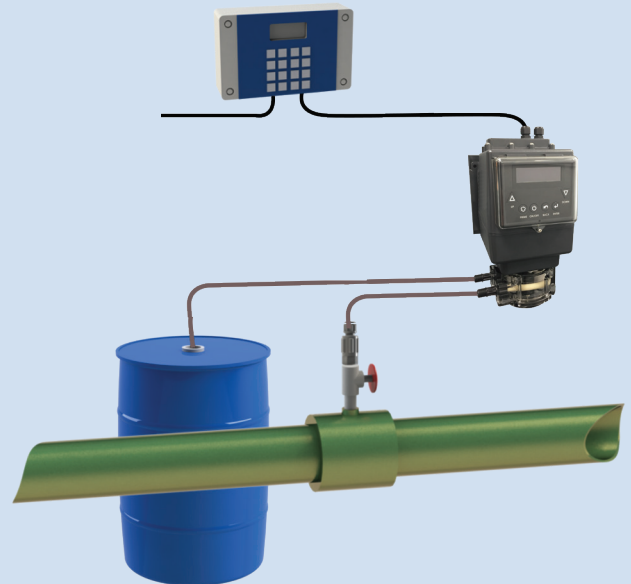
Well water and surface water need to be disinfected and may need to be treated for problem water issues such as excessive levels of iron, manganese, and hydrogen sulfide which can cause unpleasant odors and staining.

### Wastewater Treatment

Treatment of the return wastewater is required before it can be processed for reuse. Water reclamation and water reuse provide savings and conservation and may be necessary to comply with environmental regulations. Wastewater is cleaned with biological and chemical treatment for non-potable water.

### pH Adjustment

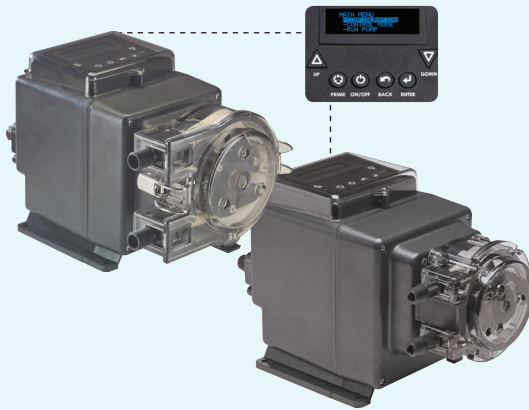
For both potable and wastewater applications, the effectiveness of key chemicals for disinfection and oxidation is enhanced when the water is in a neutral state.



## THE STENNER PUMP ADVANTAGE

- ▶ Self-priming
- ▶ No vapor lock from off-gassing solutions
- ▶ No loss of prime
- ▶ Tube replacement without tools
- ▶ Output reproducibility
- ▶ Output volume unaffected by back pressure
- ▶ Suction lift 25'

## Variable Speed with Multiple Functions S SERIES



### Highlights

- Interfaces with process control system
- Three programmable output relays
- Totally enclosed housing, NEMA 4X
- Brushless DC motor
- Modbus capable

### Key Features

- Backup pump capability
- Tube leak detect
- Tube change timer
- Standby

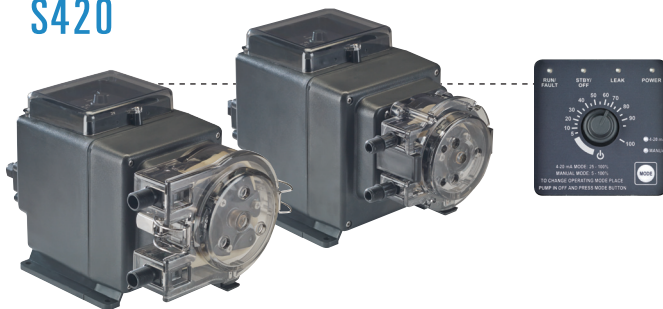
### Flow Rate Outputs

GPD	PSI
150	25
60	100
LPD	BAR
568	1.7
227	6.9
maximums	

### Key Modes of Operation

- 4-20mA (scalable, invertible)
- PPM Feed Hall Effect
- Manual

## 4-20mA Input or Manual Activation S420



### Highlights

- Totally enclosed housing, NEMA 4X
- Backup pump capability
- Tube leak detect
- LED pump status indicators
- Three dedicated output relays
- Remote start and transfer
- Brushless DC motor

### Flow Rate Outputs

GPD	PSI
150	25
60	100
LPD	BAR
568	1.7
227	6.9
maximums	

## Variable Speed or Fixed Speed S VARIABLE or S FIXED



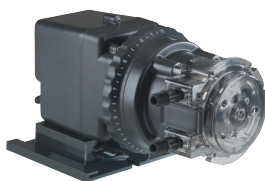
### Highlights

- LED pump status indicators
- Tube leak detect
- Three dedicated output relays
- Remote start and transfer
- Backup pump capability
- Variable - 20:1 turndown
- Totally enclosed housing, NEMA 4X
- Brushless DC motor

### Flow Rate Outputs

GPD	PSI
150	25
60	100
LPD	BAR
568	1.7
227	6.9
maximums	

## Electromechanical CLASSIC ADJUSTABLE or CLASSIC FIXED



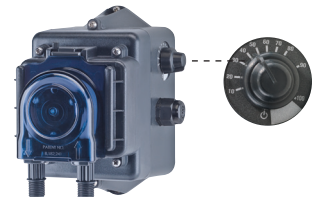
### Highlights

- Adjustable
  - External dial ring
  - 20:1, 2.5% increments
- Interchangeable models
- Access sub-components, no tools
- Tank System available

### Flow Rate Outputs

GPD	PSI
85	25
40	100
LPD	BAR
322	1.7
151	6.9
maximums	

## Variable Speed ECON LD



### Highlights

- Low volume, accurate dosing
- 50:1 turndown
- Enclosed housing
- Tank System available

### Flow Rate Outputs

Oz/Hr	PSI
50.7	80
mL/Hr	BAR
1499.4	5.5
maximums	