



STENNER PUMPS

PERISTALTIC METERING PUMPS SINCE 1957



HEADQUARTERED IN JACKSONVILLE, FLORIDA AND FOUNDED IN 1957

Stenner Pump Company manufactures peristaltic metering pumps for use in a wide variety of water treatment applications. From raw goods to final assembly, over ninety percent of our components are produced in-house. Operating as a true OEM, Stenner is a vertically integrated company that can control processes and maintain a three day lead time.



ENDLESS POSSIBILITIES

MARKETS & APPLICATIONS

Stenner peristaltic pumps are uniquely designed for many different applications.



WATER CONDITIONING Private Water Supplies

APPLICATIONS

- Disinfection
- Oxidation
- pH control
- Corrosion control

TYPICAL ACCOUNTS

- Well drillers
- Plumbers
- Water conditioning dealers
- Building contractors

INSTALLATION SITES

- Residential homes
- Farms
- Trailer parks
- Campgrounds
- Community water systems



MUNICIPAL City Water

APPLICATIONS

- Oxidation
- Coagulation
- pH control
- Corrosion & scale control

TYPICAL ACCOUNTS

- Engineers
- Mechanical contractors

INSTALLATION SITES

- Municipal water & waste
- Water treatment facilities
- Private communities



METAL FINISHING Processing

APPLICATIONS

- Plating bath treatment
- Wastewater pH control

TYPICAL ACCOUNTS

- Chemical manufacturers
- Metal processors

INSTALLATION SITES

- Metal processing plants
- Manufacturers



ANIMAL HEALTH

APPLICATIONS

- Disinfection
- pH adjustment
- Oxidation
- Injection of antibiotics, supplements

TYPICAL ACCOUNTS

- Growers, processors

INSTALLATION SITES

- Dairies
- Farms
- Hatcheries
- Breeding facilities
- Processing plants



COMMERCIAL POOL & AQUATIC FACILITIES

APPLICATIONS

- Sanitization
- pH control
- Injection of enzymes

TYPICAL ACCOUNTS

- Pool dealers
- Pool builders
- Pool service contractors

INSTALLATION SITES

- Sports training facilities
- Condos
- Hotels
- Apartments



INSTITUTIONAL

APPLICATIONS

- Drain line maintenance
- Drain field maintenance

TYPICAL ACCOUNTS

- Chemical & janitorial suppliers

INSTALLATION SITES

- Restaurants
- Convenience stores
- Commercial kitchens



IRRIGATION & HORTICULTURE

APPLICATIONS

- Injection of:
 - Algicides
 - Fungicides
 - Fertilizers
 - Pesticides
 - Nutrients
- Stain prevention
- Sprinkler head cleaning

TYPICAL ACCOUNTS

- Maintenance firms
- Contractors
- Dealers

INSTALLATION SITES

- Nurseries
- Turf farms
- Wineries
- Greenhouses
- Agricultural farms



INDUSTRIAL Processes

APPLICATIONS

- Injection of additives
- Oxidation
- Disinfection
- pH control
- Coagulation
- Corrosion & scale control

TYPICAL ACCOUNTS

- Engineers
- Mechanical contractors

INSTALLATION SITES

- Manufacturing plants
- Mills
- Processing facilities



WATER TREATMENT Cooling Towers

APPLICATIONS

- Legionella prevention
- pH control
- Algae control
- Corrosion & scale control

TYPICAL ACCOUNTS

- Engineers
- Chemical manufacturers
- Water doctors

INSTALLATION SITES

- Manufacturing plants
- Hospitals, schools
- Airports
- Commercial buildings



CAR WASH

APPLICATIONS

- Injection of:
 - Detergents
 - Waxes
 - Tire cleaners
 - Rust inhibitors
- Triple foam application
- Water reclamation

TYPICAL ACCOUNTS

- Chemical manufacturers
- Car wash builders
- Automotive dealerships
- Truck stops

INSTALLATION SITES

- Car rental facilities
- Car & truck washes

CLASSIC SERIES



- Output adjustment from 5–100% in 2.5% increments
- Snap-fit components allow service without tools
- Self-priming up to 25 feet
- Does not lose prime or vapor lock
- Pump tubes accept a variety of chemicals
- Pumps against pressures up to 100 psi (6.9 bar)

The Classic series is a single or double head pump. Each pump is available as adjustable or fixed output, perfect for accurate and repeatable injection of chemicals or liquid additives. The adjustable models' outputs range from 5 to 100% by utilizing the external dial ring. The fixed output models are ideal for use with controllers or with Stenner's proportional injection systems for dosing based on water volume.

SPECIFICATIONS

Outputs at 60Hz

0–25 psi (0–1.7 bar)

gallons per day	0.20 to 170.00
gallons per hour	0.01 to 7.08
liters per day	0.80 to 643.50
liters per hour	0.03 to 26.80
ounces per minute	0.02 to 15.10
milliliters per minute	0.56 to 446.88

26–100 psi (1.7–6.9 bar)

gallons per day	0.20 to 40.00
gallons per hour	0.01 to 1.67
liters per day	0.80 to 151.40
liters per hour	0.03 to 6.31
ounces per minute	0.02 to 3.55
milliliters per minute	0.56 to 105.14

Note: Contact factory for outputs at 50Hz.

Voltage

120V, 220V 60Hz
230V, 250V 50Hz International

Motor

Shaded pole
45 & 100 series: 26 rpm
85 & 170 series: 44 rpm

Horsepower

1/30 fractional

Amp Draw at Maximum Load

1.7 at 120V
0.9 at 220V, 230V, 250V

Shipping Weight

8–10 lbs (3.6–4.5 kg)

Box Dimensions: l x w x h

Single head
13 x 8 x 9 in (33.0 x 20.4 x 22.9 cm)

Double head
17 x 8 x 9 in (43.2 x 20.4 x 22.9 cm)

SVP SERIES



- Adjustable outputs in 1% increments; non-scalable
- Four button key pad with prime button, on/off switch and up/down arrows
- Solutions are not exposed to air or pump components
- Can run dry without damage
- Pump tubes accept a variety of chemicals

The variable speed pump accepts a 4-20mA signal from analytical measuring devices such as pH or ORP monitors and water meters to maintain proper water chemistry in a variety of applications including water and wastewater treatment facilities. The digital control pad allows manual or automatic output control in 1% increments offering a simple way to control dosages.

SPECIFICATIONS

Outputs at 50 & 60Hz 0-25 psi (0-1.7 bar)

gallons per day	0.30 to 85.00
gallons per hour	0.01 to 3.54
liters per day	1.10 to 321.80
liters per hour	0.05 to 13.40
ounces per minute	0.03 to 7.55
milliliters per minute	0.76 to 223.40

26-100 psi (1.7-6.9 bar)

gallons per day	0.30 to 40.00
gallons per hour	0.01 to 1.67
liters per day	1.10 to 151.40
liters per hour	0.05 to 6.31
ounces per minute	0.03 to 3.55
milliliters per minute	0.76 to 105.14

Voltage

120V, 220V 60Hz
230V, 250V 50Hz International

Motor

12VDC gear motor, 47 rpm

Horsepower

1/30 fractional

Amp Draw at Maximum Load

1.5 at 120V, 220V, 230V, 250V

Shipping Weight

9 lbs (4 kg)

Box Dimensions: l x w x h

16 x 9 x 9 in (40.6 x 22.9 x 22.9 cm)

BDF SERIES



- 24-hour or 7-day timer
- Customize dosages with dip switches
- Programmable up to 24 doses per day
- Manual priming switch
- Battery back up for dosage schedule
- Solutions are not exposed to air or pump components

The BDF series is equipped with a programmable timer to provide a dosing schedule for installations such as grease traps, drain fields, dumpster odor control and more. The pump meters additives on a 24-hour or 7-day schedule with injection rates as high as 21 ounces per hour. Once programmed, the timer retains its schedule in the event of a power outage.

SPECIFICATIONS

Outputs at 60Hz

0-25 psi (0-1.7 bar)

Ounces per dose hour 0.06 to 21.00

Milliliters per dose hour 2.00 to 625.00

26-100 psi (1.7-6.9 bar)

Ounces per dose hour 0.06 to 4.50

Milliliters per dose hour 2.00 to 134.00

Voltage

120V 60Hz

Motor

Gear motor, 12 rpm

Horsepower

1/30 fractional

Amp Draw at Maximum Load

1.2 at 120V

Shipping Weight

9 lbs (4 kg)

Box Dimensions: l x w x h

16 x 9 x 9 in (40.6 x 22.9 x 22.9 cm)

STS SERIES



- Pre-assembled for quick and easy installation
- Rain roof included
- Polyethylene construction with containment basin
- Incremental level indicators
- Polypropylene locking child-resistant lid
- Compact, attractive styling

The STS tank series is an all-in-one pump and tank system that offers easy chemical replenishment and convenience. The unit is pre-assembled at the factory to help reduce installation time. The pump is mounted vertically for spill containment and includes a rain roof to prevent liquid intrusion into the motor housing. The tank systems are shipped with the single head Classic series pumps.



Tanks are also sold separately.

SPECIFICATIONS

Capacity

7.5 gallons (28.4 liters)
15 gallons (56.8 liters)
30 gallons (113.6 liters)

Colors

Gray (UV resistant)
White (translucent)

Shipping Weight and Dimensions

7.5-gallon
18 lbs (8.1 kg)
20 1/2 OD x 19 5/8 in (52.1 OD x 49.9 cm)

15-gallon
27 lbs (12.3 kg)
20 1/2 OD x 25 1/4 in (52.1 OD x 64.1 cm)

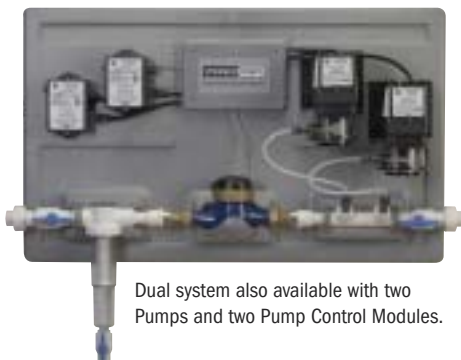
30-gallon
35 lbs (15.9 kg)
20 1/2 OD x 37 1/2 in (52.1 OD x 95.3 cm)

PROPORTIONAL INJECTION SYSTEM

- Pre-assembled for timely installations and equipment accessibility
- Includes panel and wall mount brackets
- Cabinet keeps cords and wires contained
- 30 and 100 mesh, flushable filters included
- Unions for easy installation and removal



The Proportional Injection System delivers precise dosing proportional to the system's flow rate based on water volume; it is available in 120V and accommodates 3/4" or 1" piping. The system is suited for constant pressure (variable speed) well, pumps, poultry and livestock houses, irrigation, systems with demand based on back up wells and any application with varying flow rates. The primary components are the Pump Control Module, Fixed Output Pump and dry contact pulsing Water Meter. The Pump Control Module is a time adjusted controller that powers the pump. A pulsing water meters sends a signal to the PCM which actuates the pump to deliver the desired dose based on water volume. The PCM has a locking dial to assure the accuracy of the dosage.



Dual system also available with two Pumps and two Pump Control Modules.

SPECIFICATIONS

Materials

Panel & panel fittings: Polyethylene
Mounting hardware: Stainless steel
Piping and associated fittings: PVC
Water meter: Bronze
Filter: PVC with polycarbonate cover and two polyester screens 30 and 100 mesh
Note: Connections are socket weld union 3/4" connections.

Shipping Weight and Dimensions

Single
31 lbs (14 kg)
28 x 17.5 in (71.1 x 44.5 cm)

Dual
45 lbs (20.4 kg)
36.2 x 22.1 in (91.9 x 56.2 cm)

PCM SERIES



- Chemical resistant ABS plastic housing
- Microcontroller timer with triac output
- Timing options factory pre-set for convenience
- On-time duration set with knob adjustment
- 10 foot power cord and jacketed signal input cable

The Pump Control Module is one of the three components in Stenner's Proportional Injection System. The PCM, Classic series Fixed Output Pump and a dry contacting pulse Water Meter is perfectly suited for constant pressure (variable speed) well pump and any application with varying flow rates requiring proportional injection. The water meter sends a pulse signal to the PCM which activates the pump to deliver the desired dose based on water volume. The time adjustable PCM turns on the pump for a set duration to inject the solution into the water line.

SPECIFICATIONS

Time Range

PCM1: 0.1 to 1.0 second

PCM5: 0.5 to 5.0 seconds

PCM10: 1.0 to 10.0 seconds

PCM20: 2.0 to 20.0 seconds

Note: Time range can be easily changed by converting a PCM to any time range without purchasing another model.

Turndown Ratio

10:1

Reset Time

Immediate

Input Signal

Non-voltage dry contact water meter

Input Electrical

120V 60Hz

Output Electrical

Maximum device load, 1.8 amp at 120V

No Load Current

0.45 mA; AC maximum

Shipping Weight

2 lbs (0.9 kg)

Box Dimensions: l x w x h

8 x 8 x 6 in (20.3 x 20.3 x 15.2 cm)

WATER METER



- Reed switch
- Dry contact closure
- Power not required

SPECIFICATIONS

3/4"

Flow GPM	0.22 to 22
Pulses per gallon	20, 10, 4, 2, 1
Gallons per pulses	1, 5, 10, 50, 100

1"

Flow GPM	0.44 to 52
Pulses per gallon	4, 2, 1
Gallons per pulses	1, 5, 10, 50, 100

1 1/2"

Flow GPM	0.88 to 88
Pulses per gallon	4, 2, 1
Gallons per pulses	1, 5, 10, 50, 100

2"

Flow GPM	1.98 to 1.32
Pulses per gallon	4, 2, 1
Gallons per pulses	1, 5, 10, 50, 100

Materials

Body: Cast bronze
Internal: Engineered thermoplastic
Magnet: Alnico

Accuracy

± 1.5% of Reading

Maximum Operating

Pressure: 150 psi (10.3 bar)
Temperature: 105° F (40° C)

Maximum Current

20mA

Maximum Voltage

24 Vdc or Vac

Cable Length

12 ft (4 m) standard,
2000 ft maximum run

Shipping Weight

5-15 lbs (2.3-6.5 kg)

FLOW INDICATOR



- Simple installation
- Weather and UV resistant body
- Field serviceable

SPECIFICATIONS

Materials

Body: PMMA (Polymethylmethacrylate)

Connecting Nuts:

1/4" or 6 mm:

PVC (Polyvinylchloride)

3/8": PP (Polypropylene)

Adapter (3/8" only):

PVC (Polyvinylchloride)

Ferrules: PE (Polyethylene)

Ball: PTFE (Polytetrafluoroethylene)

O-Ring: FKM (Fluorocarbon)

Maximum Operating

Pressure: 100 psi (6.9 bar)
Temperature: 107°F (41.6°C)

Shipping Weight

1 lb (0.4 kg)

Dimensions: l x d x w

1/4" & 6 mm
3.7 x 0.7 x 1.0 in (9.4 x 1.8 x 2.5 cm)

3/8"

6.3 x 0.7 x 1.0 in (16.0 x 1.8 x 2.5 cm)

CUSTOMER SATISFACTION



ANIMAL HEALTH

“Stenner pumps and control equipment help us provide the best chemical solutions to our customers. We use them in the field, hatchery, processing, and any other environment where precision injection is required. Nothing does a better job getting the chemical from the jug into the water line consistently, reliably, and economically than a Stenner.”

Jesse McCoy, Ivesco Technical Services, Springdale, AR.



METAL FINISHING

“The performance aspect of the Stenner pump has surpassed any other pump we have used in the past. Our customers have little complaints and have experienced zero if any problems. The customer service, technical support, and delivery are excellent and when I feel great about a product I tell other people. We are also finding more applications in which to use other models in the product line.”

Michael Salerno, REM Chemicals, Inc., Southington, CT

COMMERCIAL POOL

“I have been very pleased with the customer service that I have received from the Stenner Pump Company. The company that did the installation on our Stenner pumps offered little or no instructions on the maintenance of the pumps, and my staff was at a loss when it came time to service them. However, I contacted Stenner and not only did I receive great on-the-phone assistance that guided me through the process precisely, but within two days, I had received a full service manual on my pumps. Without the great customer service that I received from the Stenner Pump Company, my facility would not have been able to keep our systems running properly.”

Christopher Lay, Clinton Family YMCA, Clinton, MS



WATER CONDITIONING

“I was very impressed with Stenner’s commitment to invest the time and the expense to take care of the customer. For the Stenner Training Vehicle visit, we brought in all of our service technicians and about half grumbled about attending because they believed they knew everything about the product that they needed to know. The technicians were totally amazed at what they didn’t know and we have gone from three to four callbacks to zero problems. I recently received a call from another pump manufacturer who wanted to send me a catalog and I told him not to bother.”

Larry Cuning, The Water Doctor, St. Joseph, MO.

COOLING TOWER

“We have always seen excellent performance with using the Stenner Classic series to dose biocides to prevent Legionella in cooling towers and other high risk systems. We also use them to dose bio-dispersers and inhibitors for corrosion and incrustation. At all times, Stenner pumps have offered reliable, constant and extremely precise dosing; which is appreciated and expected by all our clients in all their applications. The pumps require minimum maintenance even though they are installed in aggressive environments and at some times high temperatures exposed to the sun.”

Jesus Castellano, TDS Fluidos SLL, Albolote, Spain



STENNER PUMP ADVANTAGES

Self-priming against maximum working pressure, foot valve not required

Does not lose prime or vapor lock

Solutions metered do not contact any moving parts

Reproducible outputs within 2%

Output volume not affected by back pressure

Small footprint


Interchangeable components

Snap-fit subassemblies allow quick serviceability without tools

Can run dry without damage

Easy to change tube; lubrication not required

	STENNER PERISTALTIC PUMPS	DIAPHRAGM PUMPS
Degassing	Automatic	Requires optional degassing valve
Prime	Self-priming against pressure	Must manually prime
Suction Lift	Primes up to 25 feet	Primes 3 to 5 feet
Check Valves	No check valves in head	Check valves prone to failure
Versatility	Interchangeable outputs with tube change	Must change drive and/or head



**INSPIRED BY OUR CUSTOMERS FOR MORE THAN 50 YEARS,
COMMITMENT TO CUSTOMER SATISFACTION AND QUALITY
PRODUCTS IS AS STRONG AS EVER**

PHONE ACCESSIBILITY

No long recordings

QUICK SERVICE

3-day lead time

QUALITY

Over 90% of our product components
are manufactured in house

TRAINING

Personal product demonstration at
the customer's facility

MANUALS

Large illustrations of parts and
recommended service tips



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