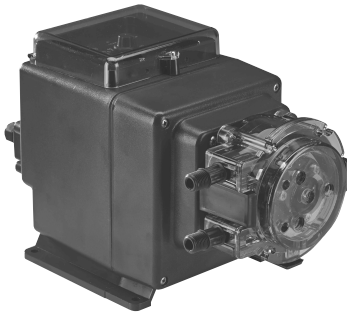


# S VARIABLE SERIES SPECIFICATIONS

**STENNER PUMPS®**

## S3V Models



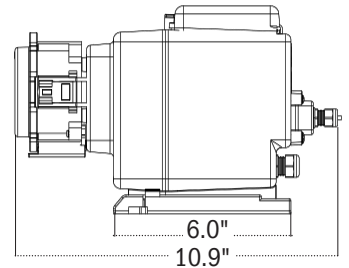
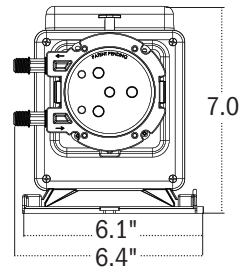
THIS PUMP IS TESTED AND CERTIFIED BY IAPMO ACCORDING TO ANS/NF 61 FOR CONTACT WITH SODIUM HYPOCHLORITE AND WATER ONLY AND NSF/ANSI 372.



**LISTED**  
METERING PUMP  
4TF1

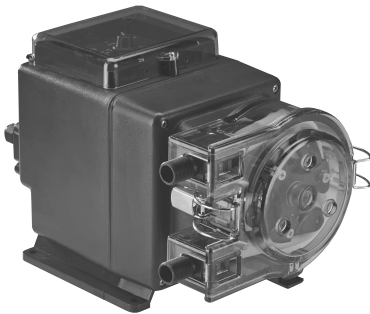


Intertek  
94247  
**CONFORMS TO**  
**ANSI/NSF STD. 50**  
Equipment for swimming pools, spas, hot tubs and other recreational water facilities.



**SHIPPING WEIGHT** 9 lbs (3.7 kg)

## S4V Models



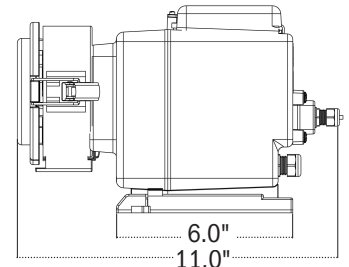
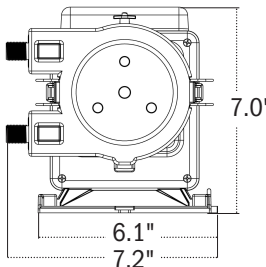
THIS PUMP IS TESTED AND CERTIFIED BY IAPMO ACCORDING TO ANS/NF 61 FOR CONTACT WITH SODIUM HYPOCHLORITE AND WATER ONLY AND NSF/ANSI 372.



**LISTED**  
METERING PUMP  
4TF1



Intertek  
94247  
**CONFORMS TO**  
**ANSI/NSF STD. 50**  
Equipment for swimming pools, spas, hot tubs and other recreational water facilities.



**SHIPPING WEIGHT** 9 lbs (3.7 kg)

### FEATURES

- Leak detection & optional relay
- Backup pump capability
- Standby capability
- Optional output relay for run verification
- LED indicator lights
- Totally enclosed housing, NEMA 4X
- Brushless DC motor with ball bearing support
- Switch mode power supply
- 3-point roller design assists in anti-siphon protection
- Self-priming against maximum working pressure, foot valve not required
- Pump does not lose prime or vapor lock
- Pumps off-gassing solutions and can run dry
- Output volume is not affected by back pressure
- Tube replacement without tools
- IAPMO Listed, conforms to standard NSF/ANSI 61 & 372 (excludes any model with a Versilon® tube)
- INTERTEK/ETL Sanitation Listed, conforms to standard NSF/ANSI 50 (excludes any model with a 7X tube, a Versilon® tube or a ball check valve with stainless steel spring).

### SPECIFICATION

- Flow Rate Output Control** Potentiometer
- Reproducibility** ±2%
- Maximum Working Pressure** 25 psi (1.7 bar), 100 psi (6.9 bar)
- Maximum Operating Temperature** 104°F (40°C)
- Maximum Altitude** 6562 ft. (2000 m)
- Maximum Suction Lift** 25 ft (7.6 m) vertical lift, based on water
- Motor Type** Brushless DC motor
- Shaft rpm** (average maximum) 45
- Duty Cycle** Continuous
- Maximum Viscosity** 1500 Centipoise
- Motor Voltage (Amp Draw)**  
120V 60Hz 1PH (0.6), 230V 60Hz 1PH (0.3), 230V 50Hz 1PH (0.3)
- Power Cord Type**  
120V 60Hz SJTOWA, 230V 60Hz SJTOWA, 230V 50Hz H05RN-F
- Power Cord Plug End**  
120V 60Hz 5-15P, 230V 60Hz 6-15P, 230V 50Hz CEE7/7
- Power Cord Length** 6 ft (1.8 m)
- Classification** Indoor/Outdoor

# S VARIABLE SERIES SPECIFICATIONS

**STENNER PUMPS®**

## S3V Models

### MATERIALS OF CONSTRUCTION

**All Housings** Polycarbonate  
**Pump Tube** Santoprene® (FDA approved), or Versilon®  
**Check Valve Duckbill** Santoprene® (FDA approved), or Pellethane®  
**Pump Head Rollers** Polyethylene  
**Roller Bushings** Oil impregnated bronze  
**Suction/Discharge Tubing, Ferrules** Polyethylene (FDA approved)  
**Tube Fittings, Injection Fittings** PVC or Polypropylene (both NSF listed)

**Connecting Nuts** PVC or Polypropylene (both NSF listed)  
**3/8" Adapter** PVC or Polypropylene (both NSF listed)  
**Suction Line Strainer and Cap** PVC or Polypropylene (both NSF listed); ceramic weight  
**All Fasteners** Stainless steel  
**Pump Head Latches** Polypropylene  
**Leak Detect Components** Hastelloy®

NOTE: Refer to the chemical guide for material compatibility.

### ACCESSORIES

- 3 Connecting Nuts 1/4" or 3/8"
- 3 Ferrules 1/4" or 6 mm *Europe*
- 1 Injection fitting 25 psi (1.7 bar) max. or Duckbill check valve 100 psi (6.9 bar) max.
- 1 Weighted suction line strainer 1/4", 3/8" or 6 mm *Europe*
- 1 20' Roll of suction/discharge tubing 1/4" or 3/8", white, UV black or 6 mm white *Europe*
- 1 Additional pump tube
- 2 Additional latches
- 1 Mounting bracket
- 1 Manual

### 25 psi (1.7 bar) maximum FLOW RATE OUTPUTS

| Item Number Prefix | Pump Tube | Turndown Ratio | Gallons per Day | Gallons per Hour | Ounces per Hour | Ounces per Minute | Liters per Day | Liters per Hour | Milliliters per Hour | Milliliters per Minute |
|--------------------|-----------|----------------|-----------------|------------------|-----------------|-------------------|----------------|-----------------|----------------------|------------------------|
| S3V03              | 3         | 20:1           | 2.0-40.0        | 0.08-1.67        | 10.7-213.0      | 0.18-3.56         | 7.6-151.0      | 0.32-6.31       | 315.5-6309.0         | 5.3-105.0              |
| S3V04              | 4         | 20:1           | 3.0-60.0        | 0.13-2.50        | 16.0-320.0      | 0.27-5.33         | 11.4-227.0     | 0.47-9.46       | 473.2-9464.0         | 7.9-158.0              |
| S3V05              | 5         | 20:1           | 4.3-85.0        | 0.18-3.54        | 22.7-453.0      | 0.38-7.56         | 16.1-322.0     | 0.67-13.41      | 670.3-13407.0        | 11.2-223.0             |

Approximate Outputs @ 50/60Hz

### 100 psi (6.9 bar) maximum FLOW RATE OUTPUTS

| Item Number Prefix | Pump Tube | Turndown Ratio | Gallons per Day | Gallons per Hour | Ounces per Hour | Ounces per Minute | Liters per Day | Liters per Hour | Milliliters per Hour | Milliliters per Minute |
|--------------------|-----------|----------------|-----------------|------------------|-----------------|-------------------|----------------|-----------------|----------------------|------------------------|
| S3V01              | 1         | 20:1           | 0.3-5.0         | 0.01-0.21        | 1.3-27.0        | 0.02-0.44         | 1.0-19.0       | 0.04-0.79       | 39.4-789.0           | 0.7-13.0               |
| S3V02              | 2         | 20:1           | 0.8-17.0        | 0.03-0.71        | 4.5-91.0        | 0.07-1.51         | 3.2-64.0       | 0.13-2.68       | 134.1-2681.0         | 2.2-45.0               |
| S3V07              | 7         | 20:1           | 2.0-40.0        | 0.08-1.67        | 10.7-213.0      | 0.18-3.56         | 7.6-151.0      | 0.32-6.31       | 315.5-6309.0         | 5.3-105.0              |

Approximate Outputs @ 50/60Hz

## S4V Models

### MATERIALS OF CONSTRUCTION

**All Housings** Polycarbonate  
**Pump Tube** Santoprene®, FDA approved  
**Ball Check Valve Components** Ceramic ball (FDA approved); Tantalum spring; FKM seat & O-ring **OR** Ceramic ball (FDA approved); Stainless steel spring; EPDM seat; Santoprene® O-ring  
**Pump Head Rollers** Polyethylene  
**Roller Bushings** Oil impregnated bronze  
**Suction/Discharge Tubing** Polyethylene (FDA approved)

**Tube Fittings, Injection Fittings** PVC or Polypropylene (both NSF listed)  
**Connecting Nuts** PVC or Polypropylene (both NSF listed)  
**Suction Line Strainer and Cap** PVC or Polypropylene (both NSF listed); ceramic weight  
**All Fasteners** Stainless steel  
**Pump Head Latches** Stainless steel  
**Leak Detect Components** Hastelloy®

NOTE: Refer to the chemical guide for material compatibility.

### ACCESSORIES

- 3 Connecting nuts 3/8"
- 1 Ball check valve
- 1 Weighted suction line strainer 3/8"
- 1 20' Roll of suction/discharge tubing 3/8", white or UV black
- 1 Additional pump tube
- 1 Mounting bracket
- 1 Manual

### 25 psi (1.7 bar) maximum FLOW RATE OUTPUTS

| Item Number Prefix | Pump Tube | Turndown Ratio | Gallons per Day | Gallons per Hour | Ounces per Hour | Ounces per Minute | Liters per Day | Liters per Hour | Milliliters per Hour | Milliliters per Minute |
|--------------------|-----------|----------------|-----------------|------------------|-----------------|-------------------|----------------|-----------------|----------------------|------------------------|
| S4V5X              | 5X        | 20:1           | 7.5-150.0       | 0.31-6.25        | 40.0-800.0      | 0.67-13.33        | 28.4-568.0     | 1.18-23.66      | 1182.9-23659.0       | 19.7-394.0             |

Approximate Outputs @ 50/60Hz

### 100 psi (6.9 bar) maximum FLOW RATE OUTPUTS

| Item Number Prefix | Pump Tube | Turndown Ratio | Gallons per Day | Gallons per Hour | Ounces per Hour | Ounces per Minute | Liters per Day | Liters per Hour | Milliliters per Hour | Milliliters per Minute |
|--------------------|-----------|----------------|-----------------|------------------|-----------------|-------------------|----------------|-----------------|----------------------|------------------------|
| S4V7X              | 7X        | 20:1           | 3.0-60.0        | 0.13-2.50        | 16.0-320.0      | 0.27-5.33         | 11.4-227.0     | 0.47-9.46       | 473.2- 9464.0        | 7.9-158.0              |

Approximate Outputs @ 50/60Hz

Santoprene® is a registered trademark of Exxon Mobil Corporation. Versilon® is a registered trademark of Saint-Gobain Performance Plastics. Pellethane® is a registered trademark of Lubrizol Advanced Materials, Inc. Hastelloy® is a registered trademark of Haynes International, Inc.

**NOTICE:** The information within this chart is solely intended for use as a guide. The output data is an approximation based on pumping water under a controlled testing environment. Many variables can affect the output of the pump. Stenner Pump Company recommends that all metering pumps undergo field calibration by means of analytical testing to confirm their outputs. The information contained in this flyer is not intended for specific application purposes. Stenner Pump Company reserves the right to make changes to prices, products, and specifications at any time without prior notice.