

S FIXED SERIES SPECIFICATIONS

STENNER PUMPS®

S3F Models



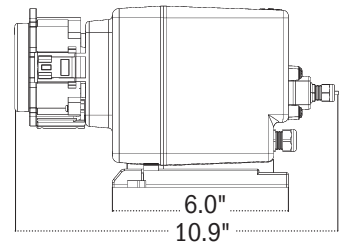
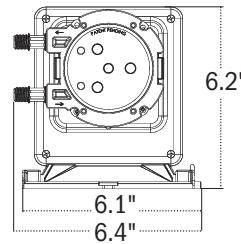
THIS PUMP IS TESTED AND CERTIFIED BY IAPMO ACCORDING TO ANSI/NSF 61 FOR CONTACT WITH SODIUM HYPOCHLORITE AND WATER ONLY AND NSF/ANSI 372.



LISTED
METERING PUMP
4TF1

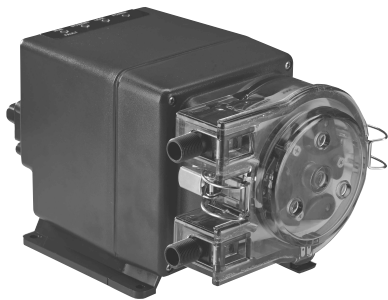


Intertek
94247
CONFORMS TO ANSI/NSF STD. 50
Equipment for swimming pools, spas, hot tubs and other recreational water facilities.



SHIPPING WEIGHT 9 lbs (3.7 kg)

S4F Models



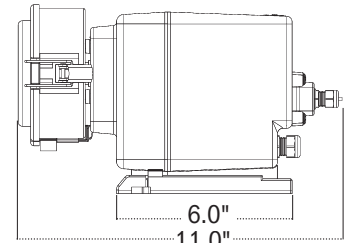
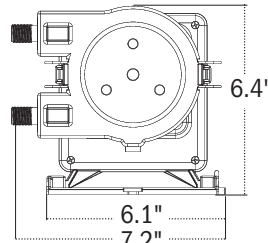
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LISTED
METERING PUMP
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Equipment for swimming pools, spas, hot tubs and other recreational water facilities.



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** Fixed Output
- 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 FIXED SERIES SPECIFICATIONS

STENNER PUMPS®

S3F 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	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S3F03	3	40.0	1.67	213.0	3.56	151.0	6.31	6309.0	105.0
S3F04	4	60.0	2.50	320.0	5.33	227.0	9.46	9464.0	158.0
S3F05	5	85.0	3.54	453.0	7.56	322.0	13.41	13407.0	223.0

Approximate Outputs @ 50/60Hz

100 psi (6.9 bar) maximum FLOW RATE OUTPUTS

Item Number Prefix	Pump Tube	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S3F01	1	5.0	0.21	27.0	0.44	19.0	0.79	789.0	13.0
S3F02	2	17.0	0.71	91.0	1.51	64.0	2.68	2681.0	45.0
S3F07	7	40.0	1.67	213.0	3.56	151.0	6.31	6309.0	105.0

Approximate Outputs @ 50/60Hz

S4F 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	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S4F5X	5X	150.0	6.25	800.0	13.33	568.0	23.66	23659.0	394.0

Approximate Outputs @ 50/60Hz

100 psi (6.9 bar) maximum FLOW RATE OUTPUTS

Item Number Prefix	Pump Tube	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S4F7X	7X	60.0	2.50	320.0	5.33	227.0	9.46	9464.0	158.0

Approximate Outputs @ 50/60Hz

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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.