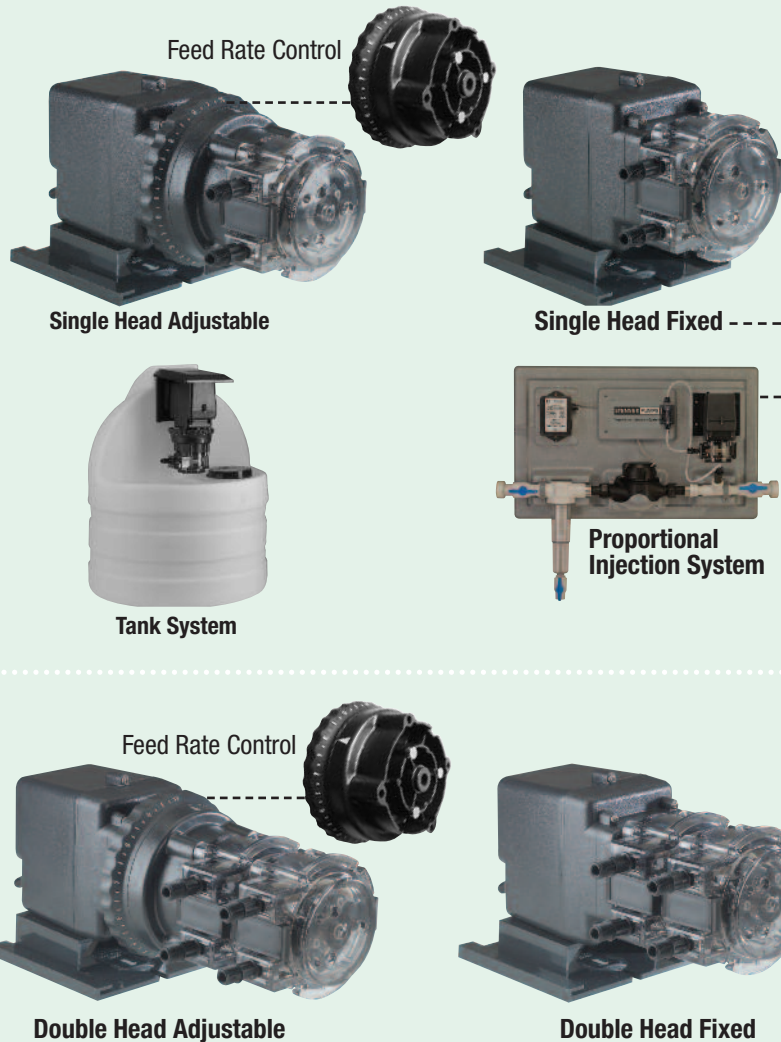


The background of the cover is a solid dark blue color. Overlaid on this background are several large, light blue, semi-transparent geometric shapes. These shapes include circles, ovals, and rectangular blocks, some of which are partially cut off by the edges of the page. The shapes are arranged in a way that they appear to be floating or layered behind each other, creating a modern, abstract design.

STENNER PUMP COMPANY 2018 CATALOG

CLASSIC SERIES

Electromechanical | Single or Double Head | Adjustable or Fixed



Quick Facts

45 SERIES

- Single Head Adjustable or Fixed output
- 0.2 to 22.0 gpd, pressures to 100 psi maximum
- 0.2 to 50.0 gpd, pressures to 25 psi maximum
- 26 rpm

85 SERIES

- Single Head Adjustable or Fixed output
- 0.3 to 40.0 gpd, pressures to 100 psi maximum
- 0.3 to 85.0 gpd, pressures to 25 psi maximum
- 44 rpm

100 SERIES

- Double Head Adjustable or Fixed output
- 0.3 to 20.0 gpd, pressures to 100 psi maximum
- 0.3 to 100.0 gpd, pressures to 25 psi maximum
- 26 rpm

170 SERIES

- Double Head Adjustable or Fixed output
- 0.5 to 34.0 gpd, pressures to 100 psi maximum
- 0.5 to 170.0 gpd, pressures to 25 psi maximum
- 44 rpm

Features

- Advantages of Stenner peristaltic pumps on page 1
- Fast tube replacement without tools with patent pending QuickPro® pump head
- Adjustable models:
 - External adjustable dial ring on feed rate control
 - 20:1 turndown, 2.5% increments
- Single head models:
 - Available as Tank Systems: 7.5, 15, 30 gallon
 - Fixed output version can be utilized for proportional dosing, refer to pages 38-40
- Components are interchangeable between models
- Tank System ships pre-assembled for quick installations

Versatile and Time-Tested

For over 60 years, the versatile Classic Series remains a popular choice with installers. The pump is easy to service or convert to another model. Injection can be directly into the water line and activated by a pressure switch or controller.

Weights and Dimensions

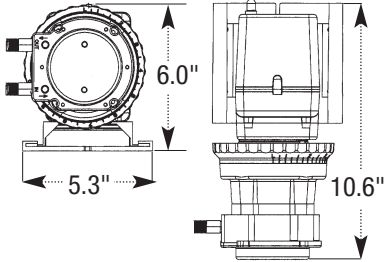
Single Head Adjustable

Shipping Weight 9 lbs (3.9 kg)

Box Dimensions

13 x 8 x 10 in. (33 x 20 x 24 cm)

Product Dimensions



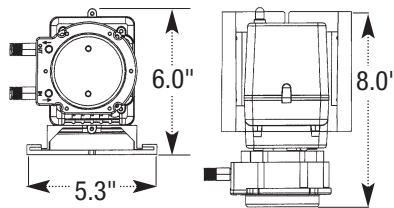
Single Head Fixed

Shipping Weight 8 lbs (3.4 kg)

Box Dimensions

13 x 8 x 10 in. (33 x 20 x 24 cm)

Product Dimensions



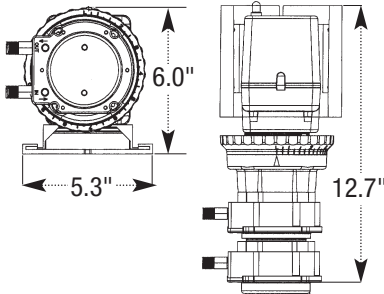
Double Head Adjustable

Shipping Weight 10 lbs (4.5 kg)

Box Dimensions

18 x 8 x 10 in. (46 x 21 x 25 cm)

Product Dimensions



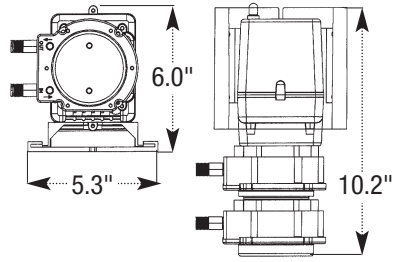
Double Head Fixed

Shipping Weight 10 lbs (4.1 kg)

Box Dimensions

18 x 8 x 10 in. (46 x 21 x 25 cm)

Product Dimensions



Accessory Kit Shipped with Each Pump

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

Specifications

Flow Rate Output Control

Adjustable model: External dial ring

Reproducibility $\pm 2\%$

Maximum Working Pressure

25 psi (1.7 bar), 100 psi (6.9 bar)

Maximum Operating Temperature 125°F (52°C)

Maximum Suction Lift

25 ft (7.6 m) vertical lift, based on water

Motor Type 1/30 HP, shaded pole, class B

Duty Cycle Continuous

Motor Voltage (Amp Draw)

120V 60Hz 1PH (1.7), 220V 60Hz 1PH (0.9),
230V 50Hz 1PH (0.9), 250V 50Hz 1PH (0.9)

Power Cord Type

120V 60Hz, 220V 60Hz: SJTOW
230V 50Hz, 250V 50Hz: H05VV-F

Power Cord Plug End

120V 60Hz NEMA 5-15P, 220V 60Hz NEMA 6-15P,
230V 50Hz CEE7/7, 250V 50Hz CEE7/7

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 1/4" & 6 mm

Polyethylene, FDA approved

Tube Fittings, Check Valve Fittings

PVC or Polypropylene, NSF listed

Connecting Nuts PVC, NSF listed

3/8" Adapter PVC or Polypropylene, NSF listed

Suction Line Strainer and Cap

PVC or Polypropylene, NSF listed with Ceramic Weight

All Fasteners Stainless steel

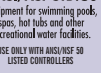
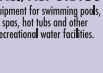
Pump Head Latches Polypropylene

Agency Listings

- Models (Santoprene® only) tested by Water Quality Association to conform to ANSI/NSF STD 61 & 372
- Adjustable models (Santoprene® only) tested by ETL to conform to ANSI/NSF STD 50
- Fixed output models (Santoprene® only) tested by ETL to conform to ANSI/NSF STD 50 only when used with ANSI/NSF STD 50 listed controllers



METERING PUMP
LR79585



Listings vary by model.

CLASSIC SERIES

Single Head Adjustable - Flow Rate Output Chart 25 psi (1.7 bar) maximum Approximate 20:1 turndown, 2.5% increments

	Model	Item Number Prefix	Pump Tube	Gallons per Day	Gallons per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Minute	Liters per Day	Liters per Hour	Milliliters per Minute
45 SERIES	45M1	45MJL1	1	0.2 to 3.0	0.01 to 0.13	0.02 to 0.27	0.8 to 11.4	0.03 to 0.48	0.56 to 7.92	0.6 to 9.1	0.02 to 0.38	0.31 to 6.32
	45M2	45MJL2	2	0.5 to 10.0	0.02 to 0.42	0.04 to 0.89	1.9 to 37.9	0.08 to 1.58	1.32 to 26.32	1.5 to 30.3	0.06 to 1.26	1.04 to 21.04
	45M3	45MJL3	3	1.1 to 22.0	0.05 to 0.92	0.10 to 1.96	4.2 to 83.3	0.18 to 3.47	2.92 to 57.85	3.3 to 66.6	0.14 to 2.78	2.29 to 46.25
	45M4	45MJL4	4	1.7 to 35.0	0.07 to 1.46	0.15 to 3.11	6.4 to 132.5	0.27 to 5.52	4.44 to 92.01	5.1 to 106.0	0.21 to 4.42	3.54 to 73.61
	45M5	45MJL5	5	2.5 to 50.0	0.10 to 2.08	0.22 to 4.44	9.5 to 189.3	0.40 to 7.89	6.60 to 131.43	7.6 to 151.4	0.32 to 6.31	5.28 to 105.14
85 SERIES	85M1	85MJL1	1	0.3 to 5.0	0.01 to 0.21	0.03 to 0.44	1.1 to 18.9	0.05 to 0.79	0.76 to 13.13	0.9 to 15.1	0.04 to 0.63	0.52 to 10.49
	85M2	85MJL2	2	0.8 to 17.0	0.03 to 0.71	0.07 to 1.51	3.0 to 64.4	0.13 to 2.68	2.08 to 44.65	2.4 to 51.5	0.10 to 2.15	1.67 to 35.76
	85M3	85MJL3	3	2.0 to 40.0	0.08 to 1.67	0.18 to 3.55	7.6 to 151.4	0.32 to 6.31	5.27 to 105.14	6.1 to 121.1	0.25 to 5.05	4.24 to 84.10
	85M4	85MJL4	4	3.0 to 60.0	0.13 to 2.5	0.27 to 5.33	11.4 to 227.1	0.48 to 9.46	7.92 to 157.71	9.1 to 181.7	0.38 to 7.57	6.32 to 126.18
	85M5	85MJL5	5	4.3 to 85.0	0.18 to 3.54	0.38 to 7.55	16.3 to 321.8	0.68 to 13.4	11.32 to 223.40	13.0 to 257.4	0.54 to 10.73	9.03 to 178.75
Approximate Output @ 60Hz										Approximate Output @ 50Hz		

Single Head Adjustable - Flow Rate Output Chart 100 psi (6.9 bar) maximum Approximate 20:1 turndown, 2.5% increments

	Model	Item Number Prefix	Pump Tube	Gallons per Day	Gallons per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Minute	Liters per Day	Liters per Hour	Milliliters per Minute
45 SERIES	45MHP2	45MJH1	1	0.2 to 3.0	0.01 to 0.13	0.02 to 0.27	0.8 to 11.4	0.03 to 0.48	0.56 to 7.92	0.6 to 9.1	0.02 to 0.38	0.31 to 6.32
	45MHP10	45MJH2	2	0.5 to 10.0	0.02 to 0.42	0.04 to 0.89	1.9 to 37.9	0.08 to 1.58	1.32 to 26.32	1.5 to 30.3	0.06 to 1.26	1.04 to 21.04
	45MHP22	45MJH7	7	1.1 to 22.0	0.05 to 0.92	0.10 to 1.96	4.2 to 83.3	0.18 to 3.47	2.92 to 57.85	3.3 to 66.6	0.14 to 2.78	2.29 to 46.25
85 SERIES	85MHP5	85MJH1	1	0.3 to 5.0	0.01 to 0.21	0.03 to 0.44	1.1 to 18.9	0.05 to 0.79	0.76 to 13.13	0.9 to 15.1	0.04 to 0.63	0.52 to 10.49
	85MHP17	85MJH2	2	0.8 to 17.0	0.03 to 0.71	0.07 to 1.51	3.0 to 64.4	0.13 to 2.68	2.08 to 44.65	2.4 to 51.5	0.10 to 2.15	1.67 to 35.76
	85MHP40	85MJH7	7	2.0 to 40.0	0.08 to 1.67	0.18 to 3.55	7.6 to 151.4	0.32 to 6.31	5.27 to 105.14	6.1 to 121.1	0.25 to 5.05	4.24 to 84.10
Approximate Output @ 60Hz										Approximate Output @ 50Hz		

NOTE: Injection check valve included with pumps rated 100 psi (6.9 bar) maximum.

NOTICE: The information within these charts 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.

Item Number Builder

Item Number Prefix

Omit if not ordering Tank System

Tank System

S7G 7.5-Gallon UV Gray

S7N 7.5-Gallon White

S1G 15-Gallon UV Gray

S1N 15-Gallon White

S3G 30-Gallon UV Gray

S3N 30-Gallon White

- For single head pump only.
- Tanks also sold separately on page 45.

Voltage & Hertz

A 120V 60Hz

B 220V 60Hz

C 230V 50Hz INTERNATIONAL

D 250V 50Hz INTERNATIONAL

Contact the factory for additional voltage and plug options.

Suction & Discharge Tubing

1 1/4" White

2 1/4" UV Black

3 3/8" White

4 3/8" UV Black

5 6 mm White EUROPE

O.D. does not affect output.

Tube Material

S Santoprene®

T Versilon® (#7 not available)

Refer to the chemical resistance guide for chemical compatibility.

How to build an Item Number

1. Refer to above **Flow Rate Output Chart** to select a pump.
2. Select the **Item Number Prefix** from the output chart.
3. Select the remaining options to complete the item number.

Single Head Fixed - Flow Rate Output Chart 25 psi (1.7 bar) maximum

	Model	Item Number Prefix	Pump Tube	Gallons per Day	Gallons per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Minute	Liters per Day	Liters per Hour	Milliliters per Minute
45 SERIES	45MP1	45MFL1	1	3.0	0.13	0.27	11.4	0.48	7.92	9.1	0.38	6.32
	45MP2	45MFL2	2	10.0	0.42	0.89	37.9	1.58	26.32	30.3	1.26	21.04
	45MP3	45MFL3	3	22.0	0.92	1.96	83.3	3.47	57.85	66.6	2.78	46.25
	45MP4	45MFL4	4	35.0	1.46	3.11	132.5	5.52	92.01	106.0	4.42	73.61
	45MP5	45MFL5	5	50.0	2.08	4.44	189.3	7.89	131.43	151.4	6.31	105.14
85 SERIES	85MP1	85MFL1	1	5.0	0.21	0.44	18.9	0.79	13.13	15.1	0.63	10.49
	85MP2	85MFL2	2	17.0	0.71	1.51	64.4	2.68	44.65	51.5	2.15	35.76
	85MP3	85MFL3	3	40.0	1.67	3.55	151.4	6.31	105.14	121.1	5.05	84.10
	85MP4	85MFL4	4	60.0	2.50	5.33	227.1	9.46	157.71	181.7	7.57	126.18
	85MP5	85MFL5	5	85.0	3.54	7.55	321.8	13.40	223.40	257.4	10.73	178.75
Approximate Output @ 60Hz										Approximate Output @ 50Hz		

Single Head Fixed - Flow Rate Output Chart 100 psi (6.9 bar) maximum

	Model	Item Number Prefix	Pump Tube	Gallons per Day	Gallons per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Minute	Liters per Day	Liters per Hour	Milliliters per Minute
45 SERIES	45MPHP2	45MFH1	1	3.0	0.13	0.27	11.4	0.48	7.92	9.1	0.38	6.32
	45MPHP10	45MFH2	2	10.0	0.42	0.89	37.9	1.58	26.32	30.3	1.26	21.04
	45MPHP22	45MFH7	7	22.0	0.92	1.96	83.3	3.47	57.85	66.6	2.78	46.25
85 SERIES	85MPHP5	85MFH1	1	5.0	0.21	0.44	18.9	0.79	13.13	15.1	0.63	10.49
	85MPHP17	85MFH2	2	17.0	0.71	1.51	64.4	2.68	44.65	51.5	2.15	35.76
	85MPHP40	85MFH7	7	40.0	1.67	3.55	151.4	6.31	105.14	121.1	5.05	84.10
Approximate Output @ 60Hz										Approximate Output @ 50Hz		

NOTE: Injection check valve included with pumps rated 100 psi (6.9 bar) maximum.

NOTICE: The information within these charts 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.

Item Number Builder

Item Number Prefix

Omit if not ordering Tank System

Tank System
S7G 7.5-Gallon UV Gray
S7N 7.5-Gallon White
S1G 15-Gallon UV Gray
S1N 15-Gallon White
S3G 30-Gallon UV Gray
S3N 30-Gallon White
 • For single head pump only.
 • Tanks also sold separately on page 45.

Voltage & Hertz
A 120V 60Hz
B 220V 60Hz
C 230V 50Hz INTERNATIONAL
D 250V 50Hz INTERNATIONAL
 Contact the factory for additional voltage and plug options.

Suction & Discharge Tubing
1 1/4" White
2 1/4" UV Black
3 3/8" White
4 3/8" UV Black
5 6 mm White EUROPE
 O.D. does not affect output.

Tube Material
S Santoprene®
T Versilon® (#7 not available)
 Refer to the chemical resistance guide for chemical compatibility.

- How to build an Item Number**
1. Refer to above **Flow Rate Output Chart** to select a pump.
 2. Select the **Item Number Prefix** from the output chart.
 3. Select the remaining options to complete the item number.