

STENNER PUMPS

PERISTALTIC METERING PUMPS SINCE 1957

ECON PUMP LINE
ENDLESS POSSIBILITIES
CUSTOM OEM OR STOCK PUMPS

**PATENTED
QUICK RELEASE
PUMP HEAD**



PATENT NO
8,182,241

WHY STENNER ECON PUMPS?

PATENTED QUICK RELEASE PUMP HEAD

The pump head design provides effortless tube replacement and tools are not required. The tube is manufactured in one operation providing a durable connection and one piece tube construction. The apprehension of regularly replacing the peristaltic tube is eliminated.



PRACTICAL DESIGN FOR OPTIMAL PERFORMANCE

- Reliable dosing and consistent output reproducibility
- Three point roller design helps prevent backflow
- Priming and degassing valves not required

LESS DOWNTIME SAVES MONEY

- Self-priming to 25 feet
- Does not lose prime from off-gassing solutions
- Can run dry without damage
- Solutions are contained in the tube & do not touch moving parts
- Pump head is easy to access and service

WHY STENNER PUMP COMPANY?



MANUFACTURING SINCE 1957

What is important to you, has to be important to us and according to our customers it is performance. Reliable performance means a dependable pump and a dependable pump reduces service time and expense. A total commitment to customer satisfaction has remained Stenner's philosophy since 1957.

OVER
55

years of pump
manufacturing

3

day lead time

98%

on-time delivery

MARKETS & APPLICATIONS



WATER CONDITIONING

- Disinfection
- Oxidation
- pH control

Residential and commercial water wells



COMMERCIAL POOL & AQUATIC FACILITIES

- Sanitation
- pH control

Hotels, sports facilities and condos



IRRIGATION & HORTICULTURE

- Fertilizers
- Line Cleaners
- pH control

Agricultural farms, nurseries & turf farms



CAR WASH

- Water Reclamation
- Injection of detergents, waxes, tire cleaners, rust inhibitors

Car rental facilities and car & truck washes



WATER & WASTEWATER

- Well & Surface Water Treatment
- Odor & Stain Control
- Wastewater Treatment

City water facilities and wastewater treatment plants



WATER TREATMENT

- Legionella Prevention
- Corrosion & Scale Control
- Algae, pH Control

Cooling towers in commercial & industrial buildings



INDUSTRIAL PROCESS

- Treatment of Process Water
- Injection of Additives

Manufacturing plants and processing facilities



FOOD & BEVERAGE

- Drain Line Maintenance,
- Drain Field Maintenance

Commercial kitchens and convenience stores



ANIMAL HEALTH

- Water Line Sanitation
- Acidification
- Biofilm Reduction

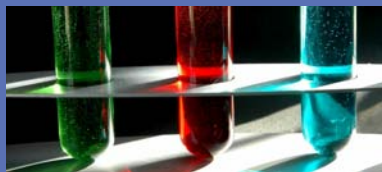
Livestock farms, hatcheries, breeding facilities and private water supplies



METAL FINISHING

- Plating Bath Treatment
- Wastewater pH Control




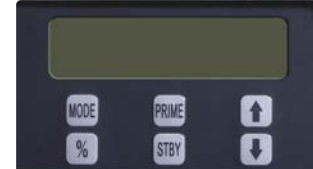

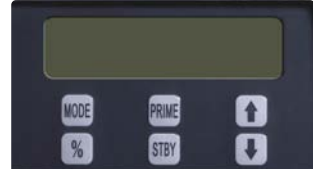


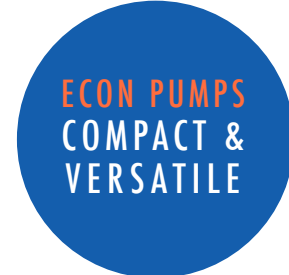

Metal processing plants and manufacturers



SPECIALTY

Specific Applications include but are not limited to: reef, aquarium, biotech research, photography and environmental water sampling.



	OEM	OEM BATCH	T SERIES	LD SERIES	FP SERIES	STENNICATOR	INTEGRATOR™	FX SERIES	VX SERIES	F SERIES	V SERIES	
TYPE	CUSTOM OEM PUMP	CUSTOM OEM BATCH PUMP	7-DAY TIMER	LOW DOSE VARIABLE SPEED	FLOW ACTIVATED	1:128 MEDICATOR	FLOW ACTIVATED	FIXED SPEED	VARIABLE SPEED	FIXED SPEED	VARIABLE SPEED	
CONTROL	No adjustment Fixed output	Pre-set run time On/off switch 	LCD keypad Integral timer 24 hour clock 	Adjustable potentiometer 50:1 turndown 	LCD keypad Three operating modes 10:1 turndown 	Adjustable pulse dial Pulse meter activated 	LCD Keypad Three operating modes 10:1 turndown 	No adjustment Fixed output	Adjustable potentiometer 8:1 turndown 	No adjustment Fixed output	Adjustable Potentiometer 7:1 Turndown 	
OUTPUT	0.04 oz/hr to 2.08 gph Pressures to 80 psi 1.3 ml/hr to 7.88 lph Pressures to 5.5 bar	0.01 sec to 24 hrs per activation Pre-set fluid volume: - Up to 50 gpd 80 psi - Up to 189.3 lpd 5.5 bar	2.5-15.0 gpd 25 psi 0.6-21.7 gpd 80 psi 9.5-56.8 lpd 1.7 bar 2.2-82.0 lpd 5.5 bar	0.04-8.1 oz/hr 80 psi 1.3-240.0 ml/hr 5.5 bar	4.5-30.0 gpd 80 psi 17.0-113.4 lpd 5.5 bar	2.7 oz/min 80 psi 74.0 ml/min 5.5 bar	4.5-30.0 gpd 80 psi 17.0-113.4 lpd 5.5 bar	7.4-38.8 gpd 25 psi 14.0-23.5 gpd 80 psi 28.0-146.7 lpd 1.7 bar 52.9-88.8 lpd 5.5 bar	0.8-38.8 gpd 25 psi 1.7-23.5 gpd 80 psi 3.0-146.7 lpd 1.7 bar 6.4-88.8 lpd 5.5 bar	11.0-54.0 gpd 25 psi 41.6-204.4 lpd 1.7 bar	10.0-48.0 gpd 25 psi 37.9-181.7 lpd 1.7 bar	
SPECS	<ul style="list-style-type: none"> Indoor/outdoor Brushless or brushed DC motor Voltage options Agency listings vary by model 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushless motor Agency approvals available Internal or external power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushed motor 120V 60Hz External power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushless motor 120V 60Hz 230V 50Hz, CE plug Internal power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushless motor 120V 60Hz External power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushless motor 120V 60Hz External power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushless motor 120V 60Hz External power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushed motor 120V 60Hz 230V 50Hz, CE plug Internal power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushed motor 120V 60Hz 230V 50Hz, CE plug Internal power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushed motor 120V 60Hz 240V 50Hz, CE plug External power supply 	<ul style="list-style-type: none"> Indoor/outdoor 24VDC brushed motor 120V 60Hz 240V 50Hz, CE plug External power supply 	
FEATURES	<ul style="list-style-type: none"> Designed with supplied motor & gearbox Open or enclosed Serviceable liquid end, gear train & motor Dual bearing supported output shaft Custom colors & optional tube materials available 	<ul style="list-style-type: none"> Activated by integral switch or customized for an input signal Serviceable liquid end, gear train & motor Dual bearing supported output shaft Custom colors & optional tube materials available 	<ul style="list-style-type: none"> Battery back-up for events & clock 24 independent events Specific on & off times per event Hour & minute increments 		<ul style="list-style-type: none"> Seconds: dry contact signal, adjustable run time, 1-60 seconds Flow Switch (two wire): dry contact signal, adjustable speed Auxiliary: 12-24 VAC/VDC signal, adjustable speed 	<ul style="list-style-type: none"> Pulse settings: - 1 or 10 ppg - 1 ppl Internal relay replicates meter signal Standby allows service without disconnecting Activate multiple pumps with one meter 	<ul style="list-style-type: none"> Internal relay replicates meter signal Standby allows service without disconnecting Activate multiple pumps with one meter Three operating modes, refer to FP features 	 <p>PATENTED QUICK RELEASE PUMP HEAD, EASY AS 1, 2, 3.</p>				

BUILD AN ITEM NUMBER

1. Select a specific pump from the output chart and insert the item number prefix.
2. Find the pump series in the charts below and select the features.
3. Fill in the item number with the codes that correspond with the features.

Econ Pump	Tank System Optional	Voltage & Hertz	Suction & Discharge	Meter System Optional
FP INTEGRATOR™	S7G 7.5-Gallon UV Gray	7 120V 60Hz; 6' cord	1 1/4" White	71 3/4", 1 pulse/gallon
	S7N 7.5-Gallon White	8 120V 60Hz; 10' cord	2 1/4" UV Black	72 3/4", 2 pulses/gallon
	S1G 15-Gallon UV Gray			74 3/4", 4 pulses/gallon
	S1N 15-Gallon White			11 1", 1 pulse/gallon
	S3G 30-Gallon UV Gray			12 1", 2 pulses/gallon
	S3N 30-Gallon White			14 1", 4 pulses/gallon
T	S7G 7.5-Gallon UV Gray	7 120V 60Hz; 6' cord	1 1/4" White	N/A
	S7N 7.5-Gallon White	8 120V 60Hz; 10' cord	2 1/4" UV Black	
	S1G 15-Gallon UV Gray			
	S1N 15-Gallon White			
	S3G 30-Gallon UV Gray			
	S3N 30-Gallon White			
F V	S7G 7.5-Gallon UV Gray	7 120V 60Hz; 6' cord	1 1/4" White	N/A
	S7N 7.5-Gallon White	8 120V 60Hz; 10' cord	2 1/4" UV Black	
	S1G 15-Gallon UV Gray	9 240V 50Hz; 6' cord	5 6 mm White <i>EUROPE</i>	
	S1N 15-Gallon White			
	S3G 30-Gallon UV Gray			
	S3N 30-Gallon White			
FX VX LD	S7G 7.5-Gallon UV Gray	A 120V 60Hz	1 1/4" White	N/A
	S7N 7.5-Gallon White	C 230V 50Hz, CE plug	2 1/4" UV Black	
	S1G 15-Gallon UV Gray		5 6 mm White <i>EUROPE</i>	
	S1N 15-Gallon White			
	S3G 30-Gallon UV Gray			
	S3N 30-Gallon White			

NOTE: Tank System and Meter System are two separate systems.

OUTPUT CHARTS

ITEM NUMBER PREFIX	Pump Tube Number	Roller Assembly	Turndown Ratio	Max. Gallons per Day	Max. Liters per Day
ECON FP 80 psi (5.5 bar)					
E20PHF	F	White	10:1	4.5	17.0
E20PHG	G	Black	10:1	16.0	60.5
E20PHH	H	Black	10:1	30.0	113.4
ECON INTEGRATOR™ 80 psi (5.5 bar)					
E20RHF	F	White	10:1	4.5	17.0
E20RHG	G	Black	10:1	16.0	60.5
E20RHH	H	Black	10:1	30.0	113.4
ECON T 25 psi (1.7 bar)					
E10T1A	A	White		2.5	9.5
E10T2A	A	White		5.0	18.9
E10T2B	B	White		8.5	32.2
E10T2C	C	White		15.0	56.8
E10T1F	F	White		0.6	2.2
E10T2F	F	White		1.3	4.8
E20T4F	F	White		3.4	13.1
E20T4G	G	Black		12.3	46.5
E20T4H	H	Black		21.7	82.0
ECON F 25 psi (1.7 bar)					
E10FLA	A	White		11.0	41.6
E10FLB	B	White		22.0	83.3
E10FLC	C	White		33.0	124.9
E20FLA	A	White		18.0	68.1
E20FLB	B	White		36.0	136.3
E20FLC	C	White		54.0	204.4
ECON V 25 psi (1.7 bar)					
E10VLA	A	White	7:1	10.0	37.9
E10VLB	B	White	7:1	20.0	75.7
E10VLC	C	White	7:1	30.0	113.6
E20VLA	A	White	7:1	16.0	60.6
E20VLB	B	White	7:1	32.0	121.1
E20VLC	C	White	7:1	48.0	181.7

NOTE: Approximate maximum output @ 50/60Hz. Injection check valve included with pump rated at 80 psi (5.5 bar).

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.

OUTPUT CHARTS

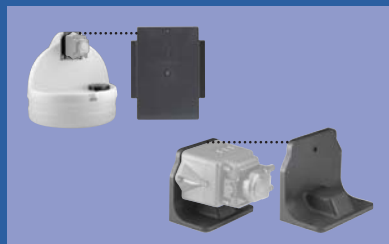
ITEM NUMBER PREFIX	Pump Tube Number	Roller Assembly	Max. Gallons per Day	Max. Liters per Day
ECON FX 25 psi (1.7 bar)				
E10FXA	A	White	7.4	28.0
E10FXB	B	White	14.0	52.9
E20FXB	B	White	24.8	93.7
E20FXC	C	White	38.8	146.7
E10FXH	H	Black	14.0	52.9
E20FXH	H	Black	23.5	88.8
ECON VX 25 psi (1.7 bar)				
E10VXA	A	White	8:1	7.4
E10VXB	B	White	8:1	14.0
E20VXB	B	White	8:1	24.8
E20VXC	C	White	8:1	38.8
E10VXH	H	Black	8:1	14.0
E20VXH	H	Black	8:1	23.5
ECON LD 80 psi (5.5 bar)				
E10LHM	M	White	50:1	2.4
E10LHF	F	White	50:1	8.1
ECON STENNICATOR 80 psi (5.5 bar)				
E20MH81S	H	Black	2.7	74.0

ITEM NUMBER PREFIX	Pump Tube Number	Roller Assembly	Max. Ounces per Minute	Max. Milliliters per Minute
ECON FP 80 psi (5.5 bar)				
S7G	7.5-Gallon UV Gray	S Single	341	3/4", 1 pulse/gallon
S7N	7.5-Gallon White	D Dual	340	3/4", 10 pulses/gallon
S1G	15-Gallon UV Gray		34L	3/4", 1 pulse/liter
S1N	15-Gallon White		010	1", 10 pulses/gallon
S3G	30-Gallon UV Gray		011	1", 1 pulse/gallon
S3N	30-Gallon White		01L	1", 1 pulse/liter

NOTE: Approximate maximum output @ 50/60Hz. Injection check valve included with pump rated at 80 psi (5.5 bar).

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.

MORE THAN PUMPS...



MOUNTING ACCESSORIES

Select The Best Option

Attach the pump directly to the wall. Or purchase the mounting kit to attach the pump to a Stenner tank or to a wall. Or purchase the stand to display the pump on a flat surface or to mount to a wall.



FLOW INDICATOR

See It and Believe It

The flow indicator is a convenient visual reference to confirm solution is pumping into the system. It helps to impede back flow, is simple to install and has a weather and UV resistant body.



FLOW SWITCH

PVC or Copper

Two wire, paddle style with glass fiber reinforced plastic construction; works with the Econ FP or Integrator pumps.



WATER METER

Low Lead or No Lead

The plastic and Eco Brass water meter utilizes a reed switch that provides a pulsing dry contact signal. The meter sends a signal to actuate the pump to dose according to the water volume. Both are certified under NSF/ANSI-372 (low lead).



MIXER

Stir It Up

The Mixer helps keep chemical in solution and prevent it from settling out around the outer edges of the solution tank. It retro-fits existing Stenner tank systems or tanks without any modifications. The mixing head is sealed to keep it from getting entangled with the suction line and eliminates the need for a suction line guard.



TANK SYSTEM OR TANK

With or Without Pump

The pumps are vertically mounted over the tank's containment basin. The polyethylene construction is both lightweight and rugged. The tank has incremental solution level indicators and is equipped with a child resistant lid. Select UV resistant gray or translucent white and 7.5, 15 or 30 gallon.



STENNER PUMP COMPANY
Florida • Kansas • New York USA

Phone 904.641.1666
US Toll Free 800.683.2378
Fax 904.642.1012

www.stenner.com
sales@stenner.com
© Stenner Pump Company All Rights Reserved
Made in the USA