



ECON T TANK SYSTEM

Features

- Advantages of Stenner peristaltic pumps on page 1
- Digital control pad with LCD display
- Programmable 24 hour clock
- Patented quick release pump head
- Tube replacement without tools
- Enclosed housing
- Wall mountable

Automatic Dosing Control for Timed Applications



The Econ T and TD pumps provide automatic injection and offer flexibility to program a customized dosing schedule for light duty applications. Program up to 24 independent On and Off events within a 7 day period. Each event can be set for a specific On and Off time for each selected day or days of the

week. The timer is programmed in hour and minutes increments. A battery is included as back-up to power loss to maintain the time and programmed events.

Quick Facts

ECON T

- 0.22–1.33 oz/min, pressures to 25 psi maximum
- 0.05–1.92 oz/min, pressures to 80 psi maximum
- Santoprene® pump tube
- Optional mounting accessories
- Available as a Tank System

ECON TD

- 0.81–3.18 oz/min, pressures to 5 psi maximum
- FKM pump tube for d-Limonene
- Indoor/outdoor use
- Optional mounting accessories

ECON TD Battery-Powered

- 2.2–4 oz/min, pressures to 5 psi maximum
- FKM pump tube for d-Limonene
- Silicone pump tube
- 8 D cell batteries 1.2V–1.5V or 2 6V lantern batteries, not included
- Indoor use
- Wall mountable only



ECON TD Electric



ECON TD Battery-Powered

Applications

ECON T

- Biocide feed for Legionella prevention in small cooling towers
- Sanitation for water fountains
- Injection of liquid solar blankets or enzymes for commercial pools
- Injection for scale and algae control in poultry evaporative cool cells
- Disinfection of poultry hatchery dip tanks

ECON TD

The Econ TD pumps are an extension of the Econ T programmable timer series designed for 5 psi or less. Timed applications such as commercial drain line maintenance, grease trap treatment or odor control installations are some of the possibilities. Unlike the Econ T, both TD pumps offer an FKM tube for d-Limonene. The Econ TD battery-powered pump offers a silicone pump tube option and is the only pump in the Econ line with a blue roller assembly.

Accessories Shipped with Each Pump

ECON T

- 3 Connecting nuts 1/4"
- 3 Ferrules 1/4" or 6 mm *Europe*
- 1 Duckbill check valve 80 psi (5.5 bar) maximum or 1 injection fitting 25 psi (1.7 bar) maximum
- 1 Weighted suction line strainer 1/4" or 6 mm *Europe*
- 1 20' Roll suction/discharge tubing 1/4" white or 6 mm white *Europe*
- 1 Additional pump tube
- 1 Manual

ECON TD

- 3 Connecting nuts 1/4"
- 3 Ferrules 1/4" or 6 mm *Europe*
- 1 Injection fitting
- 1 Ceramic weight with clip 1/4"
- 1 20' Roll suction/discharge tubing 1/4" white or UV black or 6 mm white *Europe*
- 1 Manual and addendum

NOTE: Econ TD Battery Pump includes 1 mounting bracket

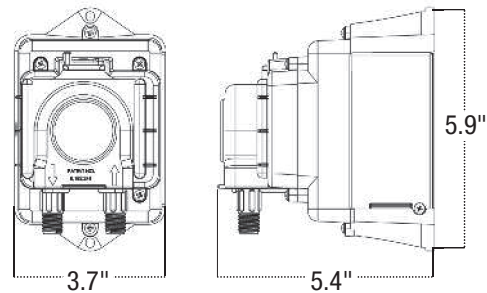
Weights and Dimensions

ECON T and ECON TD Electric-Powered

Shipping Weight 4 lbs (1.8 kg)

Box Dimensions 8 x 8 x 10 in. (21 x 21 x 25 cm)

Product Dimensions

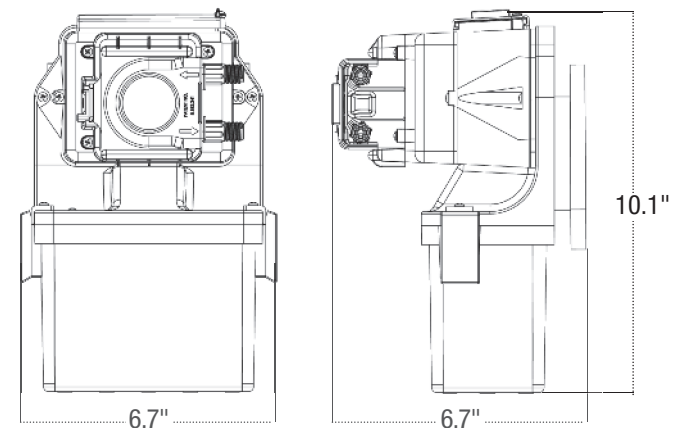


ECON TD Battery-Powered







Shipping Weight 5 lbs (2.1 kg)

Box Dimensions 14 x 9 x 10 in. (36 x 23 x 24 cm)

Product Dimensions



ECON TIMER SERIES

	ECON T	ECON TD Electric	ECON TD Battery
Specifications			
Flow Rate Output Control	Programmable 24 hr clock, 7 day, 24 event timer	Programmable 24 hr clock, 7 day, 24 event timer	Programmable 24 hr clock, 7 day, 24 event timer
Reproducibility	±5%	±15%	Varies depending on battery quality and strength
Max. Working Pressure	25 psi (1.7 bar), 80 psi (5.5 bar)	5 psi (0.34 bar)	5 psi (0.34 bar)
Max. Operating Temperature	104°F (40°C)	104°F (40°C)	104°F (40°C)
Max. Suction Lift	25 ft (7.6 m) vertical lift, based on water	5 ft (1.5 m) vertical lift, based on water	5 ft (1.5 m) vertical lift, based on water
Motor Type	24VDC, brushed	24VDC, brushed	Proprietary
Shaft rpm (average maximum)	9, 18 or 40	8, 18, 25 or 40	Varies depending on battery quality and strength
Duty Cycle	Continuous	Continuous	Intermittent
Maximum Viscosity	100 Centipoise	100 Centipoise	100 Centipoise
Motor Voltage	120V 60Hz (0.25A), 230V 50Hz (10W)	120V 60Hz (0.25A), 230V 50Hz (10W)	n/a
Power Cord Type	120V 60Hz: SJTOW, 230V 50Hz: H05RN-F	120V 60Hz: SJTOW, 230V 50Hz: H05RN-F	n/a
Power Cord Plug End	120V 60Hz NEMA 5-15P, 230V 50Hz CEE7/7	120V 60Hz NEMA 5-15P, 230V 50Hz CEE7/7	n/a
Power Cord Length	6 ft (1.8 m) or 10 ft (3.05 m)	6 ft (1.8 m) or 10 ft (3.05 m)	n/a
Classification	Indoor/Outdoor	Indoor/Outdoor	Indoor only
Materials of Construction			
Pump Tube	Santoprene® (FDA approved)	FKM	FKM or Silicone
Check Valve Duckbill	Santoprene® (FDA approved)	n/a	n/a
Suction Line Weight	Strainer & Cap PVC or Polypropylene (both NSF listed); ceramic weight	Ceramic Weight with 1/4" Clip PVC (NSF listed); ceramic weight	Ceramic Weight with 1/4" Clip PVC (NSF listed); ceramic weight
Housings	Polycarbonate	Polycarbonate	Polycarbonate
Pump Head Rollers	Polyethylene	Polyethylene	Polyethylene
Suction/Discharge Tubing and Ferrules	Polyethylene (FDA approved)	Polyethylene (FDA approved)	Polyethylene (FDA approved)
Tube and Injection Fittings	PVC or Polypropylene (both NSF listed)	PVC or Polypropylene (both NSF listed)	PVC or Polypropylene (both NSF listed)
Connecting Nuts	PVC or Polypropylene (both NSF listed)	PVC or Polypropylene (both NSF listed)	PVC or Polypropylene (both NSF listed)
All Fasteners	Stainless steel	Stainless steel	Stainless steel
NOTE: Refer to the chemical guide for material compatibility.			
Agency Listings	    <p>CONFORMS TO ANSI/NSF STD. 50 Equipment for swimming pools, spas, hot tubs and other recreational water facilities.</p> <p>THIS PUMP IS TESTED AND CERTIFIED BY NSF ACCORDING TO ANSI/NSF 50. IT IS COMPATIBLE WITH BORON HYPOCHLORITE AND WATER ONLY AND ANALYST 572.</p> <p>Listings vary by model INTERTEK/ETL Sanitation Listed, conforms to standard NSF/ANSI 50 (excludes any model rated for 80 psi max.).</p>	  <p>UL US LISTED METERING PUMP 4TF1</p>	n/a

ECON T 25 psi (1.7 bar) max. Flow Rate Outputs Santoprene® tube only

Item Number Prefix	Pump Tube	Roller Assembly	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
E10T1A	A	White	2.5	0.10	13.2	0.22	9.5	0.39	396.0	6.60
E10T2A	A	White	5.0	0.21	26.4	0.44	18.9	0.79	786.0	13.10
E10T2B	B	White	8.5	0.35	45.6	0.76	32.2	1.34	1338.0	22.30
E10T2C	C	White	15.0	0.63	79.8	1.33	56.8	2.37	2364.0	39.40

Approximate Output @ 50/60Hz

ECON T 80 psi (5.5 bar) max. Flow Rate Outputs Santoprene® tube only

Item Number Prefix	Pump Tube	Roller Assembly	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
E10T1F	F	White	0.6	0.02	3.0	0.05	2.2	0.09	90.0	1.50
E10T2F	F	White	1.3	0.05	6.6	0.11	4.8	0.20	198.0	3.30
E20T4F	F	White	3.4	0.14	18.0	0.30	13.1	0.54	544.8	9.08
E20T4G	G	Black	12.3	0.51	65.4	1.09	46.5	1.94	1937.4	32.29
E20T4H	H	Black	21.7	0.90	115.2	1.92	82.0	3.41	3416.4	56.94

Approximate Output @ 50/60Hz

To Order, Build Pump Item Number
Insert item number prefix and code for each specification.

<p>code Voltage & Hertz</p> <p>7 120V 60Hz; 6' cord</p> <p>8 120V 60Hz; 10' cord</p> <p>9 230V 50Hz; 6' cord <i>International</i></p>	<p>code Suction & Discharge Tubing</p> <p>1 1/4" White</p> <p>2 1/4" UV Black</p> <p>5 6 mm White <i>Europe</i></p> <p>O.D does not affect output.</p>
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OPTIONAL

To order **Tank System**, insert code before pump item number.

code	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

NOTE: Duckbill check valve included with pumps rated 80 psi (5.5 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.

ECON TIMER SERIES

ECON TD Electric-Powered 5 psi (0.34 bar) max. Flow Rate Outputs

Item Number Prefix	Pump Tube	Tube Material	Roller Assembly	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
E20T1C3	C3	FKM	Black	9.10	0.38	48.7	0.81	34.6	1.44	1440.0	24.0
E20T2C3	C3	FKM	Black	17.10	0.71	91.2	1.52	64.7	2.70	2687.6	44.8
E20T3C3	C3	FKM	Black	23.20	0.97	123.7	2.06	87.8	3.66	3659.2	61.0
E20T4C3	C3	FKM	Black	35.76	1.49	190.7	3.18	135.4	5.64	5640.3	94.0

Approximate Maximum Output @ 50/60Hz



To Order, Build Pump Item Number

Insert item number prefix and code for each specification.

code	Voltage & Hertz	code	Suction & Discharge Tubing
7	120V 60Hz; 6' cord	1	1/4" White
8	120V 60Hz; 10' cord	5	6 mm White <i>Europe</i>
9	230V 50Hz; 6' cord <i>International</i>		O.D. does not affect output.

ECON TD Battery-Powered 5 psi (0.34 bar) max. Flow Rate Outputs

Item Number Prefix	Pump Tube	Tube Material	Roller Assembly	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
E10T01C3	C3	FKM	Blue	24.7	1.00	132.0	2.2	94.0	3.9	3904.0	65.0
E20T01C3	C3	FKM	Blue	41.7	1.74	222.0	3.7	158.0	6.6	6577.0	110.0
E10T01C4	C4	Silicone	Blue	27.0	1.10	144.0	2.4	102.0	4.2	4259.0	71.0
E20T01C4	C4	Silicone	Blue	45.0	1.88	240.0	4.0	170.0	7.1	7098.0	118.0

Approximate Maximum Output @ 50/60Hz



To Order, Build Pump Item Number

Insert item number prefix and code for suction & discharge tubing.

code	Suction & Discharge Tubing
1	1/4" White
5	6 mm White <i>Europe</i>
	O.D. does not affect output.

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.