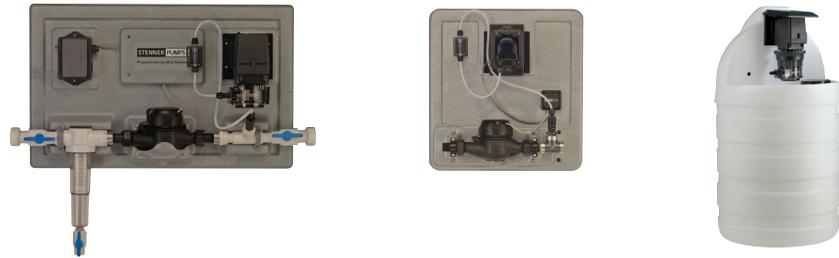


# PUMPS & PRODUCTS

SYSTEMS	DESCRIPTION
PROPORTIONAL INJECTION SYSTEM	Classic 45 or 85 Fixed Rate & Water Meter (3/4", dry contact) & PCM & Flow Indicator ships pre-mounted to a panel for proportional injection based on water system flow.
ECON INTEGRATOR™ or ECON FP METER SYSTEM	Econ Integrator™ or Econ FP & Water Meter (3/4", dry contact) & Flow Indicator ships pre-mounted to a panel for proportional injection based on water system flow.
ECON STENNICATOR METER SYSTEM	Econ Stennicator & Water Meter (3/4", dry contact; 1 or 10 PPG or 1 PPL) & Flow Indicator ships pre-mounted to a panel to inject 1 oz of product into 1 gallon of water (1:128 fixed ratio).
TANK SYSTEM	Classic 45 or 85, or any Econ, or S Series excl. models with S5 prefix shipped with a tank (7.5, 15 or 30 gallon; white or UV gray).



ACCESSORIES	DESCRIPTION	WORKS WITH
TANKS	White or UV gray, 7.5, 15 or 30 gallon	All pump models; excl. prefixes 100, 170 & S5
PCM	Receives water meter dry contact to activate pump for a preset time for proportional injection based on water system flow	Classic Fixed Rate & Water Meter-dry contact
WATER METER	Activates pump by a pulse and registers water usage Dry contact, reed switch, various sizes, plastic or stainless	S Series; S10P; S128; Econ FP; Econ Integrator™; Econ Stennicator
VPD WATER METER	Vertical positive displacement meter registers flow rates 0.1 to 22 gpm Reed switch, dry contact, 3/4", 1 PPG or 1 PPL	S Series; S10P; S128; Econ FP; Econ Integrator™; Econ Stennicator
FLOW SWITCH	Activates pump in a constant flow water line; for PVC or copper pipe Dry contact, 2-wire, paddle style, 3/4" or 1"	S Series; S10P; Econ FP; Econ Integrator™
FLOW INDICATOR	Visual guide confirms pump is injecting Vertical installation on discharge line	All pump models; excl. prefix S5



PUMP SERIES	HOW PUMP OPERATES	FLOW RATE OUTPUT - OPERATING PRESSURE				FEATURES	MODEL IDENTIFIER
		US Standard	MAXIMUMS	Metric			
<b>CLASSIC</b>	▶ Electromechanical ▶ Adjustable feed rate turndown 20:1 or fixed rate ▶ Robust	170.0 GPD 40.0 GPD	25 psi 100 psi	643.6 LPD 121.1 LPD	1.7 bar 6.9 bar	Snap-fit modular components provide easy access	45, 85, 100, 170
<b>S SERIES</b>	▶ Interfaces with process control systems ▶ 9 Operational modes* ▶ Turndown 100:1 ▶ Robust ▶ 2 yr warranty	315.0 GPD 125.0 GPD	25 psi 100 psi	1192.0 LPD 473.0 LPD	1.7 bar 6.9 bar	1 2 3 4 5 6 8	S30, S40, S50
<b>S420</b>	▶ Proportional using 4-20mA input ▶ Turndown 100:1, manual mode 20:1 ▶ Robust ▶ 2 yr warranty	315.0 GPD 125.0 GPD	25 psi 100 psi	1192.0 LPD 473.0 LPD	1.7 bar 6.9 bar	1 2 3 4 6 9	S34, S44, S54
<b>S VARIABLE</b>	▶ Variable speed ▶ Turndown 20:1 ▶ Robust ▶ 2 yr warranty	315.0 GPD 125.0 GPD	25 psi 100 psi	1192.0 LPD 473.0 LPD	1.7 bar 6.9 bar	1 2 3 4 6 9	S3V, S4V, S5V
<b>S10P</b>	▶ Proportional ▶ Accepts dry contact from water meter or flow switch; or 12-24 VAC/VDC signal from flow responsive controller ▶ 10 PPG mode-steady product distribution ▶ Robust ▶ 2 yr warranty	30.0 GPD	100 psi	114.0 LPD	6.9 bar	1 2 4 5 7 8	S3P
<b>S128</b>	▶ Proportional 1:128 injection ▶ Accepts dry contact from water meter ▶ Automatic flow response evenly distributes product ▶ Robust ▶ 2 yr warranty	10.0 oz/min	60 psi	295.7 mL/min	4.1 bar	1 2 4 7 8 9	S4M
<b>ECON FP</b>	▶ Proportional ▶ Accepts dry contact from water meter or flow switch; or 12-24 VAC/VDC signal from flow responsive controller ▶ Small footprint ▶ Light duty	30.0 GPD	80 psi	113.40 LPD	5.5 bar	5 7	E10P, E20P
<b>ECON INTEGRATOR™</b>	▶ Proportional ▶ Accepts dry contact from water meter or flow switch; or 12-24 VAC/VDC signal from flow responsive controller ▶ Built-in signal repeater ▶ Small footprint ▶ Light duty	30.0 GPD	80 psi	113.40 LPD	5.5 bar	5 7 8	E10R, E20R
<b>ECON LD</b>	▶ Variable speed ▶ 50:1 Turndown ▶ Accurate injection as low as 0.04 oz/hr   1.3 mL/hr ▶ Small footprint ▶ Light duty	50.7 oz/hr	80 psi	1499.4 mL/min	5.5 bar	7 9	E10L
<b>ECON VX</b>	▶ Variable speed ▶ Small footprint ▶ Light duty	3.45 oz/min 2.09 oz/min	25 psi 80 psi	101.88 mL/min 61.67 mL/min	1.7 bar 5.5 bar	7 9	E10VX, E20VX
<b>ECON FX</b>	▶ Fixed speed ▶ Small footprint ▶ Light duty	3.45 oz/min 2.09 oz/min	25 psi 80 psi	101.88 mL/min 61.67 mL/min	1.7 bar 5.5 bar	7	E10FX, E20FX
<b>ECON STENNICATOR</b>	▶ Proportional 1:128 injection ▶ Accepts dry contact from water meter ▶ Small footprint ▶ Light duty	2.7 oz/min	80 psi	74.0 mL/min	5.5 bar	7 8 9	E20M
<b>ECON T</b>	▶ Timer 7-day/24-event ▶ Small footprint ▶ Light duty	1.33 oz/min 1.92 oz/min	25 psi 80 psi	39.40 mL/min 56.94 mL/min	1.7 bar 5.5 bar	5 7	E10T, E20T
<b>ECON TD</b>	▶ Timer 7-day/24-event ▶ Designed for d-Limonene ▶ Small footprint ▶ Light duty	3.18 oz/min	5 psi	94 mL/min	0.34 bar	5 7	E20T__ C3
<b>ECON TD BATTERY</b>	▶ Timer 7-day/24-event ▶ Portable ▶ Small footprint ▶ Light duty	4.0 oz/min	5 psi	118.0 mL/min	0.34 bar	5 7	E10T01, E20T01
<b>ECON VACCINATOR™</b>	▶ Dispenses 1 gallon of liquid vaccine over 6 hours ▶ Small footprint ▶ Light duty	0.36 oz/min	80 psi	13.9 mL/min	5.5 bar	5 7 9	E10S

\* S Series 9 Operational Modes: 4-20mA, Hall Effect, Pulse, PPM Feed/Hall Effect, PPM Feed/Flow Switch, 0-10 VDC, Cycle Timer, Timer 7-day/24-event, Manual

- 1 Leak detection
- 2 Output relays
- 3 Backup pump capability
- 4 Status indicators
- 5 Digital keypad
- 6 NEMA 4X enclosure
- 7 Enclosed housing
- 8 Repeater relay
- 9 Potentiometer