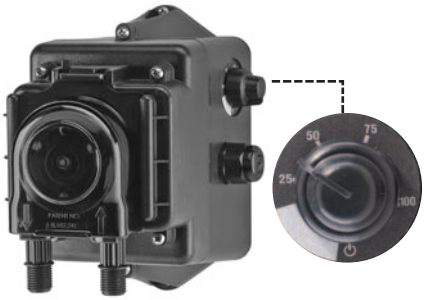
# ECON VX SERIES SPECIFICATIONS

STENNER PUMPS



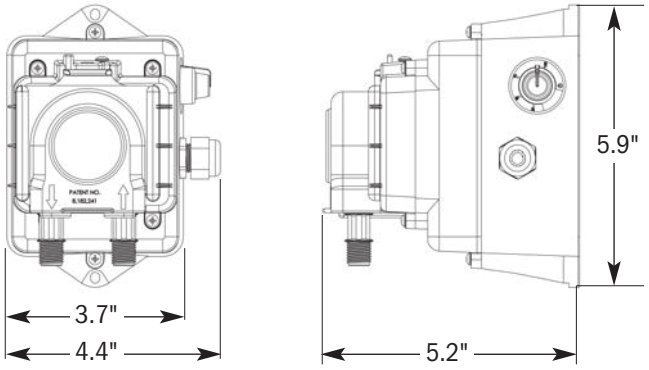
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IP44

CE

Listings vary by model

**Shipping Weight** 4 lbs (1.5 kg)




## FEATURES

- Manually adjustable flow rate output
- Enclosed housing
- Self-priming, does not lose prime or vapor lock
- Pumps off-gassing solutions and can run dry
- 3-point roller design assists with anti-siphon
- Tube replacement without tools
- Output reproducibility
- Tube lubrication not required

## SPECIFICATIONS

**Flow Rate Output Control** Potentiometer
**Reproducibility** ±5%
**Operating Pressure** 80 psi (5.5 bar) max.; 25 psi (1.7 bar) max.
**Operating Temperature** 104°F (40°C) max.
**Vertical Suction Lift** 25 ft (7.6 m) max., based on water
**Motor** 24VDC, brushed
**Shaft RPM** 26 or 44, average
**Duty Cycle** Continuous
**Viscosity** 100 centipoise max.
**Operating Voltage (Amp Draw)** 120V 60Hz (0.25A); 230V 60Hz (0.17A); 230V 50Hz (10W); 24VDC (0.5A)
**Power Cord**
120V 60Hz; 230V 60Hz SJTOW; 230V 50Hz H05RN-F; 24VDC pigtail
**Power Cord Plug End** 120V 60Hz NEMA 5-15P; 230V 60Hz NEMA 6-15P; 230V 50Hz CEE7/7; 24VDC pigtail
**Power Cord Length** 6 ft (1.8 m); 24VDC pigtail 1 ft (30.5 cm)
**Classification** Indoor/Outdoor

## MATERIALS

**All Housings** Polycarbonate
**Pump Tube & Check Valve Duckbill** Santoprene® (FDA approved)
**Pump Head Rollers** Polyethylene
**Suction/Discharge Line, Ferrules** Polyethylene (FDA approved)
**Tube & Injection Fittings** PVC or Polypropylene (both NSF listed)
**Connecting Nuts** PVC or Polypropylene (both NSF listed)
**Suction Line Strainer & Cap**
PVC or Polypropylene (both NSF listed); ceramic weight
**All Fasteners** Stainless steel

## INSTALLATION KIT

3 Connecting Nuts 1/4" or 6 mm
3 Ferrules 1/4" or 6 mm
1 Duckbill Check Valve 26-100 psi (1.8-6.9 bar) max.
Note: Econ VX operating pressure is 80 psi (5.5) bar max.
or 1 Injection Fitting 0-25 psi (0-1.7 bar)
1 Weighted Suction Line Strainer 1/4" or 6 mm
1 20' Suction/Discharge Line 1/4", white or UV black, or 6 mm, white
1 Additional Pump Tube
1 Quick Start Manual

Confirm material compatibility with the Chemical Compatibility Guide in the catalog.
Santoprene® is a registered trademark of Celanese International Corporation.

## FLOW RATE OUTPUTS

| Item Number Prefix | Pressure Max. psi | 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 | Pressure Max. bars |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **E10VXA** | 25 | A | White | 0.8-7.4 | 0.03-0.31 | 0.4-39.5 | 0.01-0.66 | 3.0-28.0 | 0.13-1.17 | 125.0-1166.7 | 2.08-19.44 | 1.7 |
| **E10VXB** | 25 | B | White | 1.2-14.0 | 0.05-0.58 | 6.4-74.7 | 0.11-1.24 | 4.5-52.9 | 0.19-2.20 | 188.0-2204.2 | 3.13-36.74 | 1.7 |
| **E20VXB** | 25 | B | White | 1.6-24.8 | 0.07-1.03 | 8.6-132.3 | 0.14-2.20 | 6.0-93.7 | 0.25-3.90 | 250.0-3904.2 | 4.17-65.07 | 1.7 |
| **E20VXC** | 25 | C | White | 4.4-38.8 | 0.18-1.62 | 23.4-206.9 | 0.39-3.45 | 16.6-146.7 | 0.69-6.11 | 692.0-6112.5 | 11.53-101.88 | 1.7 |
| **E10VXH** | 80 | H | Black | 1.7-14.0 | 0.07-0.58 | 9.1-74.7 | 0.15-1.24 | 6.4-52.9 | 0.27-2.20 | 267.0-2204.2 | 4.45-36.74 | 5.5 |
| **E20VXH** | 80 | H | Black | 2.7-23.5 | 0.11-0.98 | 14.5-125.3 | 0.24-2.09 | 10.2-88.8 | 0.43-3.70 | 425.0-3700.0 | 7.08-61.67 | 5.5 |

Approximate outputs @ 50/60Hz

**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-confirm their outputs.

This information is not intended for specific application purposes. Stenner Pump Company reserves the right-make changes-prices, products, and specifications at any time without prior notice.



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