AQUACORP

STENNER PUMPS®
S Series

The Stenner S Series integrates seamlessly with process control systems using a 4-20mA output, three relays, and Modbus compatibility. Built to NEMA 4X standards, it features an OLED display for easy navigation and includes leak detection, tube timers, and backup pump functionality. Designed for reliable performance, it ensures efficient chemical dosing with password protection and fine-tuning options for precise control.

FEATURES & BENEFITS

- 4-20mA Output & Relay Control: Interfaces with process control systems, offering proportional output and three relay options for alarms or system integration.
- NEMA 4X Enclosure: Built to withstand harsh environments with durable, weather-resistant housing.
- Leak Detection & Backup Pump: Monitors for leaks and automatically switches to a backup pump if needed.
- Intuitive OLED Display: Easy navigation of performance indicators and settings adjustments via the OLED display.

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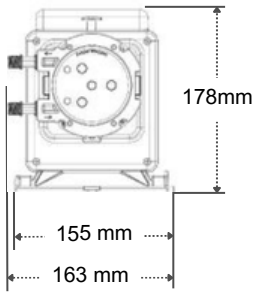
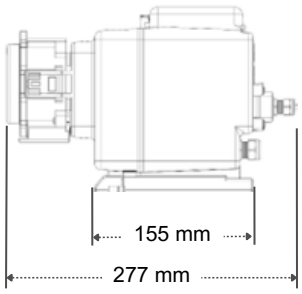
SPECIFICATIONS

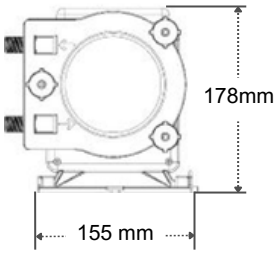
Output Control	Varies per control mode; digital keypad
Reproducibility	±2%
Maximum Working Pressure	100 psi (6.9 bar)
Maximum Operating Temperature	104°F (40°C)
Maximum Suction Lift	25 ft (7.6 m) vertical lift, based on water
Motor Type	Brushless DC motor
Shaft RPM (average maximum)	(Average maximum) 45
Duty Cycle	Continuous
Maximum Viscosity	1500 Centipoise

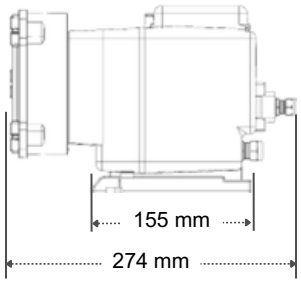
S30 Models



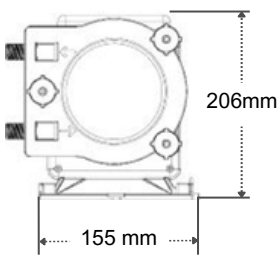


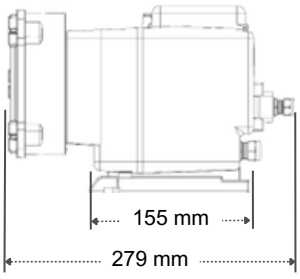
S40 Models





S50 Models





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FLOW RATE OUTPUT CHART

100 psi (6.9 bar) Maximum

Pump Prefix	Pump Tube	Turndown Ration	Litres per Day	Litres per Hour	Mililitres per Hour	Millilitres per Minute
S3003	1	100:1	0.19–19.0	0.008–0.79	7.89–789.0	0.13–13.0
S3004	2	100:1	0.64–64.0	0.027–2.68	26.81–2681.0	0.45–45.0
S3005	7	100:1	1.51–151.0	0.063–6.31	63.09–6309.0	1.05–105.0
S405X	7X	100:1	2.3–227.0	0.09–9.46	94.64–9464.0	1.58–158.0
S505G	7G	100:1	4.92-473.0	0.205-19.72	205.04-19,716.0	3.42-329.0
			Approximate Maximum Output @ 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.