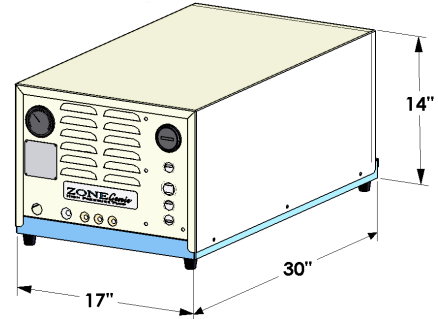


# ZONE Genie

HIGH PRESSURE PUMPS

**SL Series** Zone Genie pumps are single speed commercial quality high pressure pump systems. Build with only quality components, the SL series pumps feature all the advanced system components necessary for long dependable pump life. Extended bypass with integrated thermal protection combined to help protect the pump from cavitation and over heating. Upgraded pulsation dampening extends seal life and the low pressure safety system protects the pump from fatal dry running. With top quality inlet valve, grade A pressure gauge, integrated hour usage meter and ample control choices, the SL series represents the best high pressure pumps money can buy.

- 4SF Catpumps® Industrial Grade Pumps, Leeson Industrial Motors
- 20 Gauge Powder Coated Cabinet & Stainless Steel Hardware
- Low Pressure, Thermal, & Pressure Relief Safety Systems
- Grade A Pressure Gauge and Integrated Hour Meter
- Variable up to 1250 PSI High Pressure Output
- Maximum Efficiency in Single Speed System
- Compatible With Any Switch Type Control
- Internal Automatic Line Drain Valve
- Integrated Pulsation Dampening
- Cross Flow Ventilated Cabinet
- Extended Bypass Loop



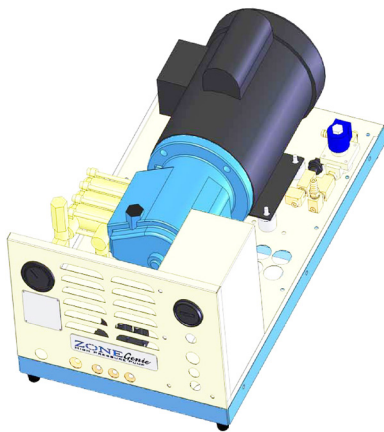
SL Series

Single Speed

Single Outlet

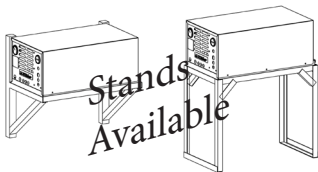
3.2 - 5.0 GPM

Medium Cabinet



## SL vs SE Series

Both SL and SE series pumps are identical in function and features. The difference is only in pump flow capacity. The SL series is for larger pump capacities and is forced to be in the medium cabinet instead of the small cabinet. The medium size cabinet was designed for multiple outlets, but there is no room in the control box for controls so the multiple ports shown in the pictures are empty and the SL series is a single outlet pump. Both series include all the standard long-life safety features such as extended bypass and integrated thermal and low pressure safety systems as well as the integrated hour meter and control options.



### Typical Pump Model Specifications

Model #	GPM	HP	Zones	Voltage	Phase	Amps	lbs
SL3200	3.2	3	0-3	240	1	17	150
SL4000	4.0	3	0-3	240	1	17	150
SL4500	4.5	5	0-3	240	1	20	170
SL5000	5.0	5	0-3	240	1	20	170

### Installation

#### Placement - 24" X 30" Pad

Equipment pad or equivalent is required. Provide clearance for air flow and service access - leave 8" around the back for air intake and at least 24" on the right side for access to controls.

#### Electric Connection - Hard Wired

1/2" and 3/4" Electrical knock-outs are provided for main power connection, control system connections and accessory connections.

#### Controls - Low Voltage

The pump is controlled by either a low voltage signal or a switch on the front of the cabinet. For low voltage control simply connect the on-board supplied 24VAC signal wires. Use any switch type mechanism (relay, contactor, standard switch) to control the connection. The control circuit draws 100mA @ 24VAC. Low power requirements allow the pump to be directly controlled by home automation relay boards, or simple light switches bypassing the need for high amp contactors such as pool controllers.

#### Water Inlet Connection - Filtered

Sufficient filtration is required. Staged filtration is recommended, where 1 micron filtration is the final stage. Pump water supply connection is in the form of a 1/2" ID braided PVC hose for connection to filter outlet. Stainless steel hose clamp is included. Inlet water pressure: 25 PSI MIN, 70 PSI MAX.

#### High Pressure Outlet

The pump has one 3/8" female NPT outlet.

### SL SERIES MODEL NUMBERS

Example SL4500-2L2

Pump Size	Zones	Pressure Capability	Control	Voltage	Cord
SL3200 (3.2 GPM) SL4000 (4.0 GPM) SL4500 (4.5 GPM) SL5000 (5.0 GPM)	Blank (Single Outlet)	2 (1200 PSI)	S (Switch on Front) L (Low Voltage Control 24VAC)	2 (240V, 60Hz)	Blank (Hard Wire Connection)