

Little GIANT Pump Company

MODEL 1 1 2 1



Applications

- Lift pump chambers
- Sump pump basins
- Holding tanks
- Sewage and water removal systems

Features

- Controls the pump and warns of high liquid levels.
- Easy to install.
- Fiberglass enclosure.
- HOA switch allows for "Hand" (manual), "Off" or "Automatic" operation.
- Alarm ON/OFF switch controls power to the float circuitry; this and the pump HOA switch provide an additional safety feature when servicing.
- Entire unit UL listed and tested by UL to CSA standards.
- Control float and alarm float included



General Description

The Simplex Alarm System/Pump Control provides residential and commercial customers with a reliable means of controlling a simplex (one pump) system in a water or sewage installation. The system consists of a control panel and three sensor floats to control "On", "Off" and "Alarm" functions.

Control Panel Exterior

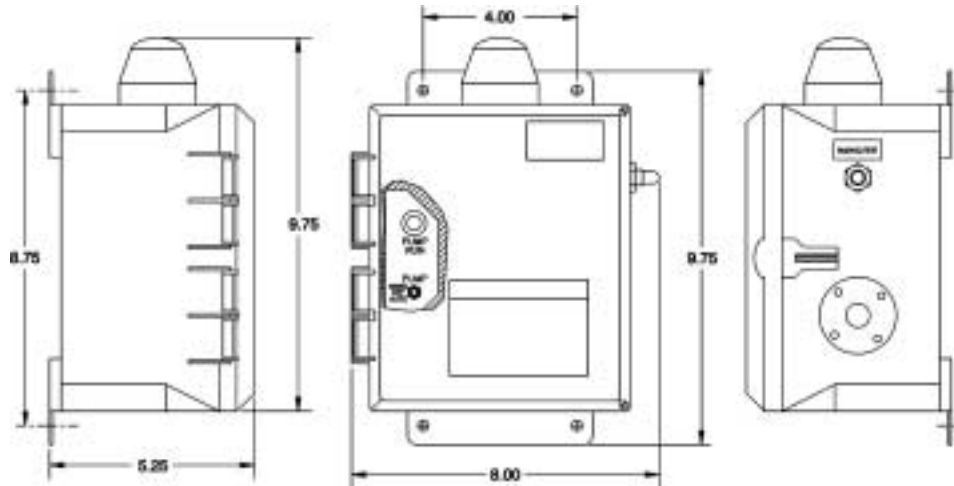
The non-corrosive, indoor and/or outdoor enclosure comes pre-assembled. The alarm test/normal/silence switch is conveniently accessible on the side of the panel.

Control Panel Interior

The interior alarm system consists of a high-quality alarm relay, a red alarm beacon, a weather-proof horn, and a standard light bulb; all of which are fuse protected. A handy HOA switch allows for either "hand" (manual), "OFF", or automatic pump operation. A green pump run indicator light and HOA switch is located inside the panel to protect against activation by unauthorized personnel. A terminal strip with easy-to-follow wiring diagram provides for simple installation of both alarm and pump float switches.

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SIMPLEX ALARM SYSTEM & PUMP CONTROL



Specifications

MODEL NO.	ITEM NO.	VOLTS	Hz	PHASE	F.L. AMPS	DIMENSIONS H x L x W (in.)	WEIGHT (lbs.)
1121W120H17A	513267	120/208/240	60	1	16-20	9.75 x 4 x 8.00	21

General Installation Instructions

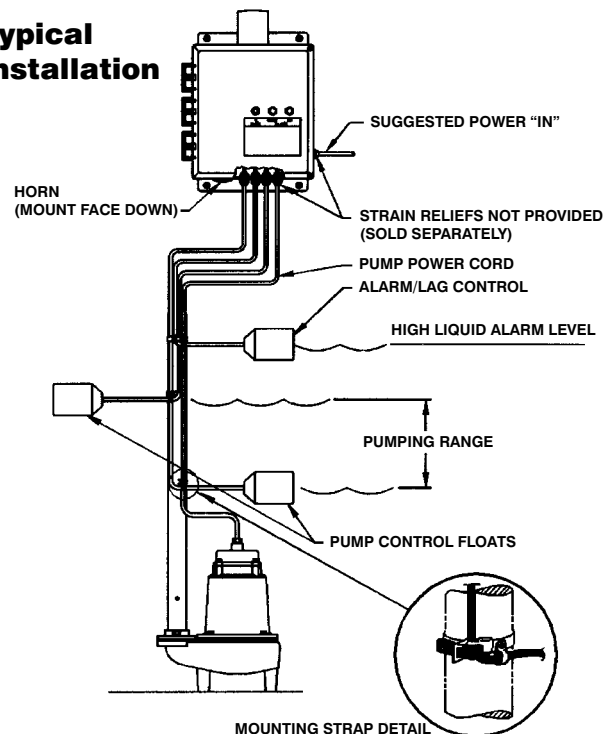
WARNING: Turn off power source before installing or adjusting this device. Failure to turn off power could result in serious or fatal electrical shock.

- Determine the mounting location for control panel. Liquid tight connectors should be used on all cables entering panel. Conduit connectors, if used, must be sealed.
- Check local codes and the schematic for power circuit requirements. On the control panel, determine the "power in" location (from the building power supply). **CAUTION: BE SURE THE POWER SUPPLY VOLTAGE AND PHASE ARE THE SAME AS THE PUMP MOTORS BEING INSTALLED.**
- Determine the location on the control panel for the pump power cables and float switch cables. Drill holes to fit the type of cable fittings to be used.
- Attach floats as shown in Typical Installation drawing.
- Following step-by-step instructions and wiring diagram included with panel, complete connections of all cables.
- Follow "Manual Testing" procedure in instruction manual.

NOTE: Little Giant Pump Company cannot be responsible for damages caused by faulty or negligent installation of this control. We recommend that you engage the services of a competent plumber, electrician, or qualified service person to install this product in accordance with national and local electrical codes.

ACCESSORIES — Some installations may require a moisture-free junction box to house electrical connections. Model JB70 Junction Boxes are recommended. These are available with liquid-tight connectors. The liquid-tight connectors are also available separately.

Typical Installation



MOUNTING STRAP DETAIL

Pumping Range
(approx. measurements in inches)

Pump Range (Dim "A")	7 1/2	8	9	11	12	13	14
Tether Length (Dim "B")	2 1/2	3	4	6	8	10	12

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