

SIMPLEX GRINDER PUMP CONTROL PANEL AND ALARM

APPLICATIONS

- Simplex Grinder Pump Control Panels and Alarms are designed exclusively for use with IGP Grinder Series pumps in applications such as lift pump chambers and sewage ejector basins

FEATURES

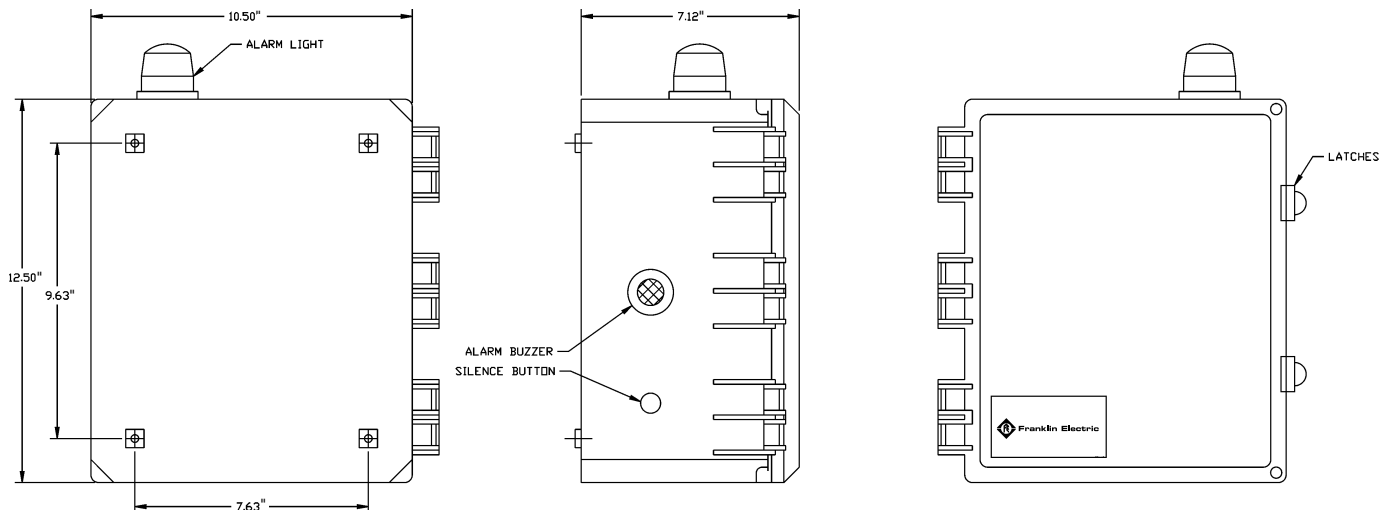
- Controls the pump and warns of high liquid levels
- Color-coded terminal strip for ease of installation
- Corrosion-resistant NEMA 4X fiberglass, waterproof enclosure with padlock provision
- HOA switch allows for “Hand” (manual), “Off” or “Automatic” operation
- Three floats (sold separately) control on, off, and alarm functions
- Alarm ON/OFF switch controls the power to audible and visual alarm signal device
- Contains start and run capacitors and start relay necessary for proper motor operation and third-party approval
- cULus listed



SERIES SPECIFICATIONS

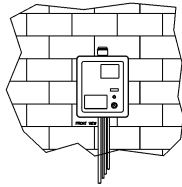
Item No.	Model No.	Volts	Hz	Phase	FLA	Weight (lbs)
515354	A-SF230CBG-215	208/230	60	1	16	15
515361	1052443	208/230	60	1	22	15

ENGINEERING DATA

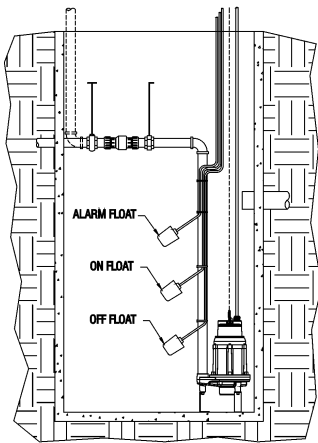


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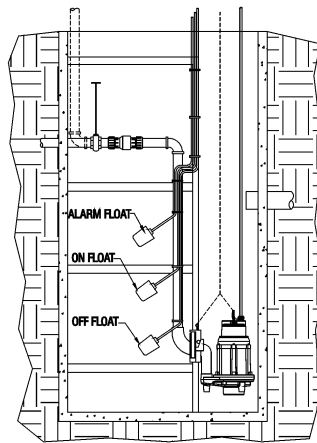
TYPICAL INSTALLATION



NOTE: Floats must be purchased separately.



TYPICAL DISCONNECT INSTALLATION
SHOWN WITH LEG KIT



TYPICAL GUIDE RAIL INSTALLATION

INSTALLATION INSTRUCTIONS

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

1. Determine the mounting location for the control panel. Liquid-tight connectors should be used on all cables entering panel. Conduit connectors, if used, must be sealed.
2. Check local codes, the schematic, and installation/operation manual 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.**
3. 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.
4. Attach floats as shown in Typical Installation drawing and instruction manual.
5. Following step-by-step instructions and wiring diagram included with panel, complete connections of all cables.
6. Follow "Manual Testing" procedure in instruction manual.

NOTE: Franklin Electric cannot be responsible for damages caused by faulty or negligent installation of the 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. These are available with liquid-tight connectors. The liquid-tight connectors are also available separately.