

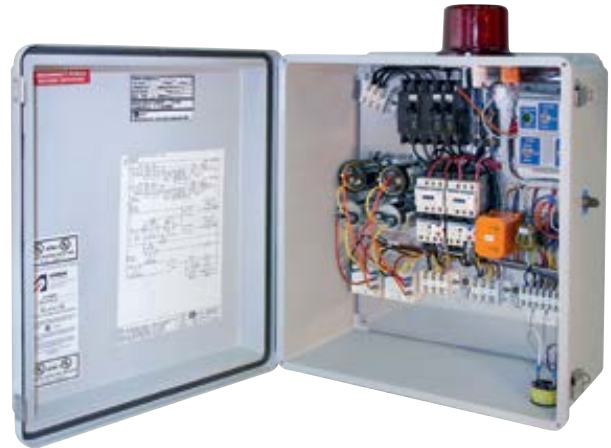
DUPLEX GRINDER PUMP CONTROL PANEL AND ALARM

APPLICATIONS

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

FEATURES

- NEMA 4X enclosure for indoor/outdoor use
- Red alarm beacon provides 360° visual check of alarm condition
- Alarm horn provides audio warning of alarm condition
- Exterior alarm test/normal/silence switch allows horn and light to be tested and horn to be silenced in an alarm condition; alarm automatically resets once alarm condition is cleared
- Horn silence relay
- IEC motor contactors
- Multi-tap transformer (3-phase only)
- Mounted starting components designed for 2 hp, IGP Series grinder pumps (1-phase only)
- Motor protective switches provide adjustable overload, branch circuit protection and pump disconnect (3-phase only)
- Circuit breakers provide additional safety feature when servicing (1-phase only)
- Alternating circuit board provides pump control and alternation
- Hand/Off/Auto (HOA) switches for manual pump control
- Control On/Off switch
- Alarm and control fuses/indicators
- Float switch terminal block
- Input power terminal block
- Ground lugs

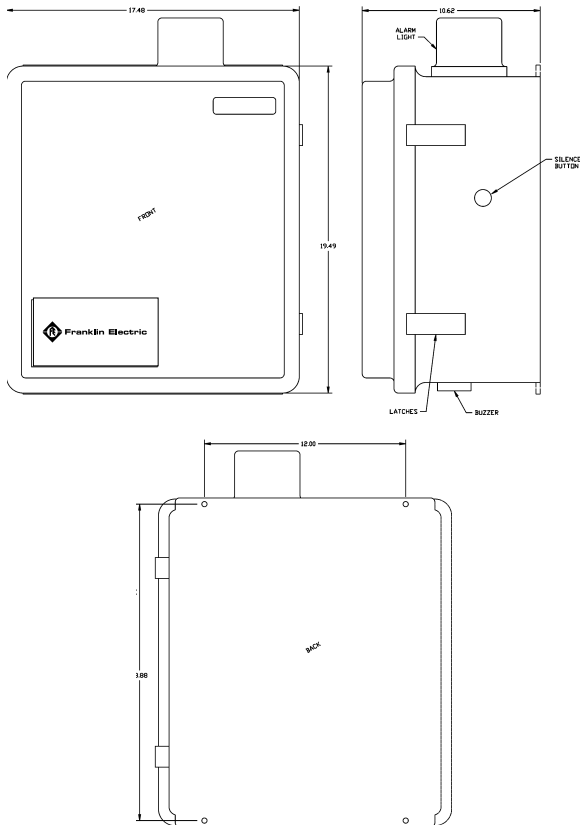


SERIES SPECIFICATIONS

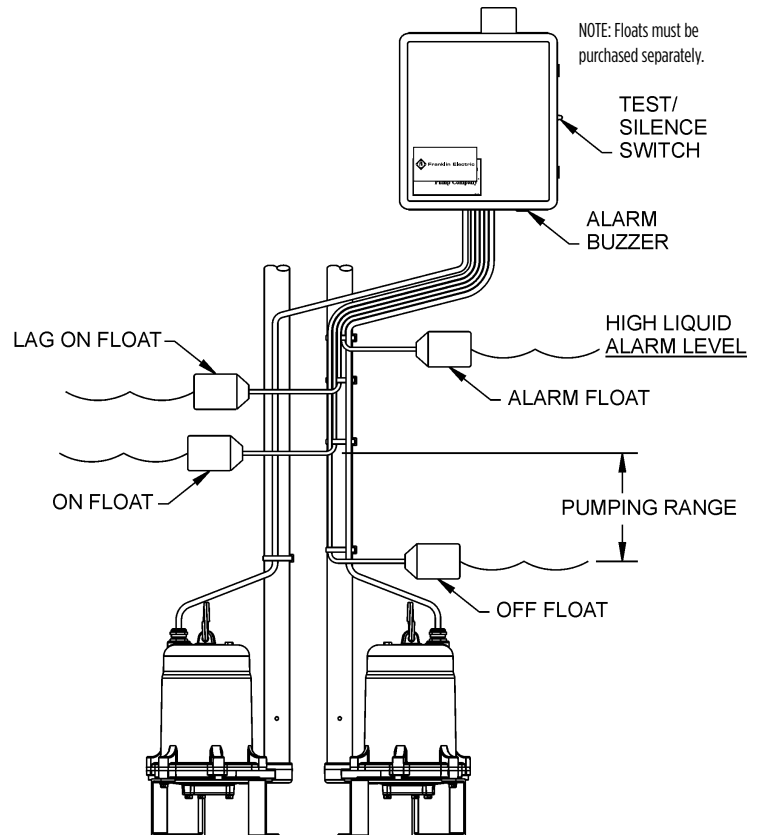
Item No.	Model No.	Volts	Hz	Phase	FLA	Control Alarm	
						Volts	Hz
515355	1026540	208/230	60	1	34	102	60
515308	3221W301H17A	208/240/480	60	3	4.0-6.3		
515285	3221W401H17A	208/240/480	60	3	6.0-10.0		
515287	3221W511H17A	208/240/480	60	3	9.0-14.0		
515289	3221W205H17A	575	60	3	2.5-4.0		

DUPLEX GRINDER PUMP CONTROL PANEL AND ALARM

ENGINEERING DATA



TYPICAL 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. Verify correct operation after installation.

NOTE: Franklin Electric 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. These are available with liquid-tight connectors. The liquid-tight connectors are also available separately.