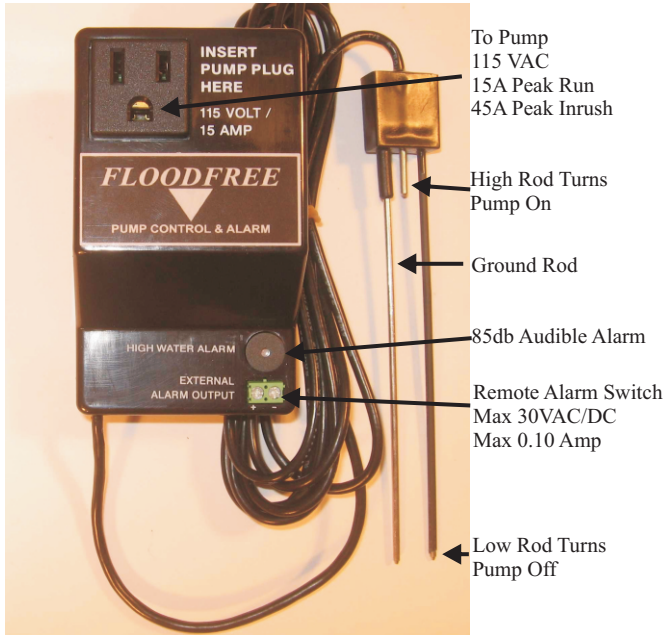


Floodfree Pump Control & Alarm

Operation



The Floodfree control uses patented electronic surface transfer (EST) to detect the presence of water. The EST sensor ignores resistive residues like rust, salts, and soap suds waiting for the true water level to reach the high rod of the probe. Once the water contacts the high rod one half second later the relay closes using Z-Snap patented technology. Z-Snap technology snaps the relay closed at zero volts and opens the relay at zero current. Making pump start-ups smoother, extending the pump and relay contact life.

Once the pump is running the water level drops below the high rod and the pump runs as long as necessary to remove the water until the level drops below the low rod at which time the pump turns off. If the water stays in contact with the high rod for more than 15 seconds the 85db alarm sounds and external alarm output closes.

Instructions

- 1) Plug the control into a 115 volt outlet located in a dry area, the control is not water proof any water falling on to the unit will cause it to fail.
- 2) Plug the pump into the control.
- 3) Run the sensor probe into the sump and fasten to the discharge pipe to the level you want the pump to turn on. You must note the positions of the low off rod that it is position above the top of the pump inlet.
- 4) The installation is complete.

External Alarm Switch

The external alarm output allows you to connect a remote dialer, emailer, burglar alarm system, or other low voltage device to notify of a high water level condition. Internally the terminal block connects to a solid state electronic switch that is rated at 30VAC or 50VDC at 100 milliamps. It is normally open and closes whenever the alarm sounds connecting the terminal block pins together. The polarity marks printed on the enclosure are for reference only.

Ratings

Voltage	100-130VAC
Current	15 Amps
Locked Rotor	45 Amps
Alarm	85 db
Alarm Output	30VAC, 50VDC, 100 milliamps max
Sensing Wire	10 feet

Warranty

One year from the date of purchase MIC will repair or replace any units found upon examination to be defective. Transportation charges to MIC to will be paid by the customer. Ground transportation from MIC to the customer is paid by MIC. This warranty does not cover units that have been damaged as a result of accident, abuse, neglect, improper installation, or exceeding the units rating. If the unit is wet, or contains water damage this warrantee does not cover replacement.

Any and all indirect, consequential damages, property loss, or loss of income are exclude. To exercise this warranty you must a copy of the receipt along the unit to;

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