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Basic Sump Pump Maintenance

Sump system checks and maintenance should be performed at least twice a year. Usually in the Spring and Fall work best.

1. Check discharge line(outside) to make sure it is free and clear of any blockages.
2. Visually check the seal on the sump lid.
3. Remove silt or sediment from the bottom of the basket.
4. Fill the sump basket with water and cycle the primary pump. While the pump is running:
    - Check for discharge line leaks.
    - Switch turns on and off correctly.
    - Irregular sounds that may indicate a problem.
    - Check that water level is dropping.
    - Check valve holds water after pump stops.
5. If you have a back-up system, unplug primary pump and fill sump basket with water and cycle back-up system. Repeat steps 4 and make sure high water alarm sounds. Also, check water levels and charge of the battery.
6. Check tile lines for debris.
7. Be sure switch floats are clear of obstructions (cords or anything else that could stop the float from engaging and disengaging the switch).
8. Check the 9-volt battery in your control box.*

A well maintained sump pump system can last many years. The two main reasons for sump pump failures are: blocked or frozen discharge lines and switch failure. Regular checks of these items should keep your basement “high and dry”.

*If we are called out to change a 9-volt battery for the controller it will become a service charge. So, please check your 9-volt battery before calling us, Thank you.

Understanding your DFC2 Controller

AC power is out

There are several causes for power failure. The most common causes are a power outage by the electric company or a tripped circuit breaker.

Although the deluxe controller can not run the pump, it will sound an alarm indicating the loss of power. This will allow the homeowner to address the problem.

If this warning light and alarm are on, the control box is not receiving AC power for one of many reasons:

1. The control box is not plugged in
2. The power to the house is out
3. The circuit breaker to that outlet has been tripped
4. A power brownout is taking place

Power Failure Alarm slide switch

When the controller is not receiving AC power, the monitoring features and the audible alarms are powered by the 9-volt battery. This type of battery will power the controller for many hours, but not indefinitely.Once the source of the AC power alarm is determined, it is suggested that the Power Failure Alarm slide switch be turned to the **OFF** position until the power is restored. This will preserve the battery and silence the alarm. When AC power is restored, slide this switch back to the **ON** position.

Note: *If the AC power is restored and the slide switch is in the* ***OFF*** *position, the alarm and light for the 9-volt battery warning will activate, even if the battery is good. This is a reminder to reset the alarm. Slide the switch to the* ***ON*** *position. If the battery is good, the light will go out. If the alarm continues to sound, replace the battery.*

The system is operating

This light should be **ON** and flashing at all times. It is included to indicate that the system is monitoring the sump conditions.

This light will not illuminate when:

1. The power is out and the Power Failure Alarm slide switch is in the **OFF** position
2. The power is out and the 9-volt battery is discharged
3. The controller is not functioning. Contact the Glentronics service department

The 9-volt battery is low

1. The 9-volt battery located in the top of the control box is coming to the end of its useful life. Replace it with a new 9-volt alkaline battery.
2. The Power Failure Alarm switch is in the **OFF** position. It must be in the **ON** position at all times, except when silencing an actual power failure condition.

Pump or float problem

This key feature monitors the time that the float switch is up continuously or in the activated position. It is unusual for a pump run for 10 or more minutes continuously. This can occur for many different reasons. Either the float is stuck in the up position, there is a mechanical problem with the pump, or there is a problem with the plumbing connections.

Jesse Trebil
President