

how?

how does it work?

1 After the **SumpWatcher**® is installed and turns on the sump pump for the very first time, it will run the pump until the pit is empty. It does this to determine how deep the pit is so it can calculate how long to run the pump to ensure that it will stay submersed in water at all times. Sump pump manufacturers recommend keeping the pump submersed at all times to gain maximum life and best performance. The SumpWatcher® repeats this process every 100 on/off pump cycles to maintain its calibration.

2 The second time the **SumpWatcher**® turns on the sump pump it will measure and record the pump's motor current. This will set a baseline for the motor. This baseline is used for early detection and warning of impending motor failure.

3 The **SumpWatcher**® uses the baseline to determine if there is an increase in motor current, which is a reliable method for predicting motor failure. If the current usage rises by 12%, the LED on the front of the SumpWatcher® will flash at a slow rate (about once a second). If the current usage rises by 25%, the LED will flash at a fast rate (about twice a second) indicating the imminent failure of the motor.

Sump · Watcher®

WaterHappensBeReady.