

What to do when you hear an alarm

Context

The main way of communication of the Aqua-Protec system is through his audible alarm. Whenever there is a trouble or a sewer backup beginning / finishing, the system will create a sound alarm to alert you. This document explains what you should do when you hear this audible alarm

Audible Alarm Chart

Continuous audible alarm = Beginning / ending of a sewer backup

Intermittent audible alarm = Problem detected by the system

No Alarm = The system is in standby mode

LED Indicator Chart



Solid Green = System is powered and in standby mode



Solid Red = System Inflated, Sewer sealed, DO NOT USE WATER



Yellow = Each time water is detected by the system, the yellow light will be on

Procedure

1. Go to the control panel location and press on the mute button to mute the alarm 
2. Press on the down arrow, the LCD screen should light up 
3. Read what the LCD screen says (Standby, Alert Mode, Maintenance Required) and refer to the right section of this document

Aqua-Protec Standby

1. If the screen shows standby and the system was buzzing, this means that the sewer backup has just finished
2. You don't need to do anything; the system is in standby mode and will wait for the next sewer backup



Aqua-Protec Alert Mode

1. If the Aqua-Protec is in alert mode, the red light should be on.
2. When the system is in alert mode, you shall not use any appliance or fixture that uses water since your sewer pipe is sealed.
3. You need to wait for the system to deflate itself automatically. The countdown before the deflation will be shown on the LCD screen.
4. When the system will deflate, a continuous buzzing sound will be emitted to warn you that the sewer backup has finished.



Aqua-Prottec Maintenance Req.

1. If the Aqua-Prottec is in maintenance required mode, the green or red light should be flashing
2. If the red light is on, you shall not use any appliance or fixture that uses water since your sewer pipe is sealed.
3. If the system is in maintenance required mode and the red light is on, this mean that the system detected a problem while blocking the sewer backup. Once the backup is finished, we recommend the definition of the error code. If the error code is related to the air pressure, you should report it to your installer as soon as possible



Aqua-Prottec Error Codes Definition

ERROR CODES	DESCRIPTION	SHOWN ON SCREEN
1	The measured pressure is higher than the vacuum limit pressure.	RPSM does not deflate. Maintenance Required
6	The balloon did not reach its maximum pressure within the specified time.	Air circuit leakage
7	The balloon inflated for more than 1 min and did not reach its minimum pressure.	Air circuit leakage
9	The pressure of the balloon fell below its minimum before 10min. The break is stored in memory and waits for the end of the ALERT MODE.	Air circuit leakage
20	The specified pressure was not reached within the specified time.	Air circuit leakage
21	The internal pressure of the balloon fell below the limit pressure within the required time.	Air circuit leakage
58	The balloon has reached its expiry date.	RPSM replacement required (Expiry Date)
66	The system has reached its target pressure immediately	The pneumatic system is blocked
67	The system has reached its target pressure too quickly	RPSM may be improperly installed