

The ClariSea Smart Controller has a series of visual and audible alarm codes which will vary depending on the potential issue or status the controller has detected.

Below is a list of the alarm codes and potential causes to help troubleshoot.

Blue and red LED both flash 5 times with 4 short and 1 long audible beep. Blue LED will remain on.

- The controller has been powered on for first time.
- The controller has been reset by unpowering/powering and has now entered normal operation mode.
- The controller has been reset by holding the alarm button for 6 seconds and has now entered normal operation mode.

ALARM 1 - Red alarm LED flashes with audible beep for 2 seconds every 5 seconds.

1 - The fleece roll may be jammed.

- Check that the fleece is rolling on the dirty spool straight and flat.
- Check that the clean roll is in position properly and has not become wet.

2 - The motor has not advanced.

- Check that the drive cruciform in the motor is in position and the locating screw has not come loose.
- Check that the wires going in to the back of the motor have not been pulled loose.
- Check that the power cable for the motor is connected to the controller.
- Check that the motor is functioning by resetting the controller and pressing the play button.
- Check that there is no water in the power connector between the motor and controller.

3 - The float has been activated for more than 5 seconds.

- Check that the float or its holder have not come loose.
- Check that the float toggle is free to move and not obstructed.
- Check that there is no water in the power connector between the float and controller.
- Check that the ClariSea is mounted in a suitable water depth.

ALARM 2 - Blue and red alarm LED flashing with an audible beep for 1 second every 2 seconds.

- The float has not been triggered within 8 hours.
- Check that there is sufficient water flow through the unit.
- Check that water is not bypassing the fleece through the side of the unit or guide plates.
- The float switch is set to its lowest position.
- Check the connection between the float switch and controller.
- Check that the float is operating by resetting the controller and activating the float switch by hand.

ALARM 3 - Red alarm LED flashing with short audible beep every 10 seconds.

The float has not been triggered within 48 hours.

- Check that there is sufficient water flow through the unit.
- Check that water is not bypassing the fleece through the side of the unit or guide plates.
- The float switch is set to its lowest position.
- Check the connection between the float switch and controller.
- Check that the float is operating by resetting the controller and activating the float switch by hand.

If installed on a new tank with clean water reset the controller by pressing the alarm button for 5-7 seconds, **DO NOT ROLL ON FLEECE MANUALLY**. It may take time for the water level to reach operating height in a new tank the ClariSea has a preset time of 48 hours, this is enough for most situations but if the water is free of particulate it may take longer.

ALARM 4 - Blue and red light flashes 5 times and short audible alarm beeps five times when the **advance button is pressed.**

There is a potential short circuit in the motor power.

- Check that the wires have not been pulled out the back of the motor.
- Check that there is no water in the connection between the controller and the motor.
- Disconnect the motor connection from the controller and press the play button, if the blue light flashes and controller beeps once the controller is functioning normally. Reconnect the motor and press the play button, if the original alarm code is repeated there is a short circuit in the motor.