

In recent tests at the factory, it has been found that excessive RF noise can cause erratic “Pump Over-Temp” Alarms to set when the temperature is not high. This condition has also been confirmed in units returned to the factory for repair. Units displaying this problem are normally associated with a setup where a radio or satellite modem is used in conjunction with the E-BAM.

If you have an E-BAM that is displaying the “Pump Over-Temp Alarm” the first step is to troubleshoot the cause. On systems with a radio modem, antennas should be inspected. The antenna should have a good connection to the base and the base must have a good ground. If the grounding setup is good and you still experience this alarm, follow the steps below to determine the best solution:

1. **Is the Ambient Temperature 48° C or higher?**
If YES, the alarm is working correctly.
If NO, go to #2.
2. **Is the equipment and tripod grounded correctly?**
If No, refer to your equipment manuals and make sure all grounds are secure and connections are per the manufacturer’s recommendations.
If YES, go to #3.
3. **Is the Antenna base grounded well and does the antenna have a good connection to the base?**
If NO, fix base grounding problem.
If YES, there is too much RF in the vicinity to use the Over-Temp alarm.
Turn off this function.

To turn off the over-temp alarm function, Go to the “About” screen on the E-BAM and press the ESC button. You will be prompted for a password. The password is 1600. Upon entering this password, you will see a YES/NO screen. Choose NO to turn off this alarm feature. This function can be turned back on at a later date by selecting YES.

If you have any questions or feedback regarding this bulletin, please contact the Met One Instruments, Inc. Service department at 541-471-7111 or by e-mail at service@metone.com



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