

Temperature alarms systems, temperature monitoring systems

### **The role of temperature alarms systems in medicine**

Temperature monitoring systems can be and are used in many applications, but in some cases they are only minor gadgets – useful, but not vital. This is quite different in Medicine, especially when vaccine or medicine storage is involved. Most vaccines have to be stored in freezers and refrigerators and must have [temperature alarms systems](#) installed. Why is that? Aren't the standard thermometers enough?

In most cases, the answer is “no”. There are two main reasons why temperature alarms and monitoring systems are necessary. One reason is purely bureaucratic, but the other is utterly practical.

First, it is more than common that temperature-monitoring systems are installed because of various federal or state regulations. They dictate installation of temperature alarms systems in refrigerators and freezers where certain medical products are stored. In some cases regulations also require documenting the storage temperature, so it is very important that the temperatures be stored in some sort of computer memory.

The second reason is much simpler, yet is at least as important as the first one – temperature alarms systems ensure that you will know about any possible problems or equipment breakdowns as soon as they happen. This ensures that the inventory is protected. If the temperature fluctuates you need to be immediately notified so that it can be corrected. Too high or too low temperature can destroy the potency of medicines and vaccines making them unusable and even dangerous to the recipient.

A good [temperature alarm system](#) will not only alert you if temperatures move outside the safe range but will also provide a temperature history chart so that you can properly trouble-shoot the problem.