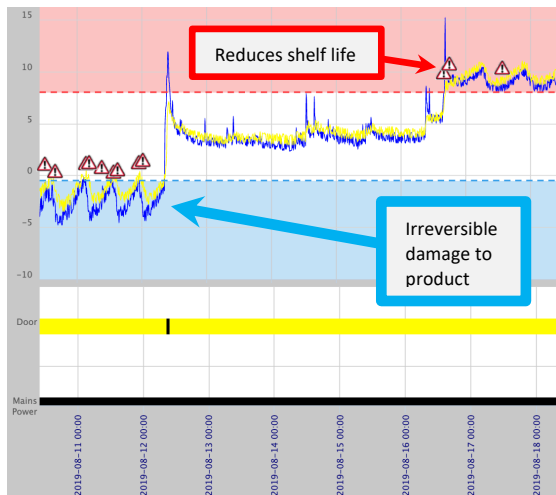


# FreezeGuard

Storing products (such as vaccines, blood or insulin) warmer than their recommended temperature generally reduces their shelf life / efficacy. However freezing these products can instantly kill them.



Should freezing occur during the night, or over a weekend, personnel often don't know that the products are ineffective, or if continuous monitoring is in place, then you will only know after the product is ruined.

This often occurs in facilities which are normally more efficient and have 'better' equipment. Inadvertent adjustment of fridge thermostats often also leads to this occurring.

**FreezeGuard** (Patent pending) is the only product worldwide that physically prevents this occurring.

Working with the BeyondCom *Ice*<sup>3</sup> (which remotely monitors temperature and sends alarms automatically when out of range), as the fridge approaches

freezing temperatures, the compressor is automatically switched off. A freeze event is immediately sent to the *ColdCloud* portal. As soon as the temperature warms up sufficiently, the fridge will return to its normal working mode, and a 'resolved' signal is sent to the portal.

In addition to the above functionality, the **FreezeGuard** device has built in power monitoring. This alerts users in the event of a mains power outage which may have been due to a power outage, circuit breaker tripping, or someone inadvertently unplugging the fridge.

Intelligent communication between the **FreezeGuard** unit and the *Ice3* ensures that the unit is working normally, and that activations do not occur erroneously.



## Specifications:

<b>Compatible equipment</b>	Fridges (mains powered, Solar direct drive, ice lined) and coldrooms (irrespective of make / model).
<b>Voltage range</b>	AC: 85 – 305 VAC (DC option available)
<b>Size</b>	80 x 125 x 40 mm