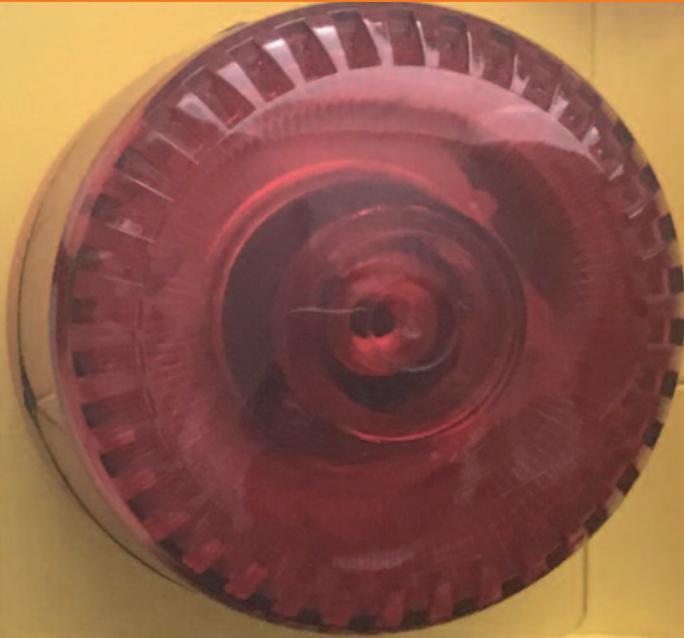


Your guide to ...

**TKR**  
refrigeration | heating & cooling | air conditioning



**TRAPPED  
PERSONNEL  
ALARM**

A simple solution to  
walk-in cold and freezer room safety

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TKR is the trading name of TK Refrigeration Ltd | Registered in England and Wales: 4167294

# DON'T PANIC!

Easier said than done ...

You may have read an article in the national newspapers about a Devon Butcher who became trapped in his walk in freezer. He had to use frozen black pudding as a battering ram to escape.

Most of us would not have been as cool headed to look for a solution inside the freezer and would have gone in to panic mode.

No-one can prevent these incidents from occurring, as one of our own engineers found out.

He was servicing a walk in freezer and, to maintain the temperature, closed the door behind him.

Unfortunately the door bounced off the bottom runner and became jammed. As he was in the middle of the

countryside, inside an insulated freezer, he couldn't easily get a mobile phone signal to call for help. After continuously trying for ten minutes, he eventually managed to get a signal and contact our office where we in turn rang the customer to go and release him.

Apart from being very cold and relieved, he realised things could have been so much worse had he not been able to get a phone signal or not have had his phone at all.



The incident with our engineer and the butcher highlighted the need for walk in chiller and freezer cold rooms to have an alarm system installed to alert when someone is trapped.

We want to offer our customers peace of mind and to ensure the safety of their staff at all times.

### **The kit comprises of two parts.**

On the inside of the cold room there is an illuminated button mounted to a large luminous sign. On the outside there is a control box with a strobe light and loud siren. When the permanently lit indoor button is pushed this will set off both the siren and the warning beacon. There is a battery back-up which will ensure the system works even in a power cut.

**The system can be installed in up to four walk in cold rooms/freezers within a maximum distance of 10 metres of the outside audible alarm and warning beacon control board.**



**Battery Back Up**

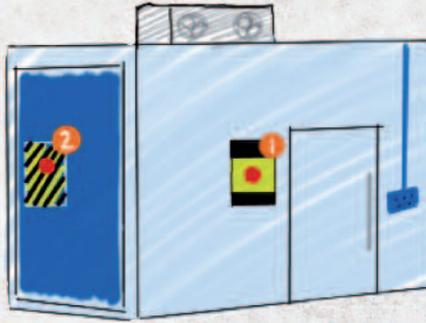


**Audible Siren Alarm**



**Flashing Light**

# How does it work?



**1** – The control unit is fitted on the outside of the cold/freezer room with a siren for audible and visual alarm signalling.

**2** – The Emergency Button, which is constantly illuminated, is fixed to the inside of the room. We recommend that one of these is fixed at normal height, and one at a lower level just above the floor should you accidentally slip and not be able to reach the higher button.

Main Power Supply	230 Vac 50/60 Hz
Operating Autonomy	With 230 Vac power connected; unlimited fully charge battery; 10 hours
Battery	12 Vdc
Battery Life	10 hours
Visual Signal	Flashing LED light
Sound emitted	100 db at 1 m
Emergency button inside cold room	Red LED, 12 VDC – 25 to 40°C IP65
Module on outside cold room	-10 to 40°C IP43
Auxiliary relay	250 VAC 5A AC1 (Contact closed with alarm active)