

Coldroom Door Alarms

Issue: 03/12

Leaving coldroom doors open causes the refrigeration plant to work longer and consumes more power.

Installing a talking door alarm will provide a polite reminder to staff if the door is left open for excessive time.

As a result staff will close coldroom doors more promptly and energy consumption will be reduced.

In addition the alarm can provide verbal indication of a refrigerant leak within the coldroom or personell trapped within the room.

Features & Benefits

A talking door alarm is a simple and effective method of prompting staff to close coldroom doors which ultimately improves product temperatures and reduces power consumption.

Robust and 'smart' door sensors defy operator ingenuity to disable or deactivate the mechanism. When activated a polite voice message will request the door is closed and the message will be repeated until the door is shut where upon a 'Thank you' is broadcast.

Additional features include the option of interfacing the door alarm to a refrigerant leak detection system or a personnel entrapment alarm.

Features at a glance

- » Simple, effective and polite warning mechanism
- » Configurable delay timer after door opening
- » Adjustable volume control to suit environment
- » Robust door sensors that defy operator ingenuity to deactivate them
- » Voice messages that exhort staff to close the door or take other remedial actions as appropriate
- » Door Status and Alarm LED indicators mounted on tamper-proof front panel.



Volt free contacts from a refrigerant leak detector and/or a personnel entrapment alarm can be wired directly to the door alarm to activate these features.

In the event of a refrigerant leak a message of 'Emergency. There is a gas leak in the Coldstore. Do not enter. Please report immediately' is broadcast and in the event of an entrapment alarm being activated the message is 'Emergency. A person is trapped in the coldroom. Please take action.'

Accessories

IR-em2

The IR-em2 fixed position refrigerant leak detector will interface with the Cold room door alarm to activate the verbal gas leak alarm message.



SP-em

The SP-em fixed position refrigerant leak detector will interface with the Cold room door alarm to activate the verbal gas leak alarm message.

