



Dunkirk Street Residential Nursing Home

Healthcare

Fire Sprinklers in Care Homes

The Challenge

Each year in the UK there are between 800 and 900 fires in premises providing care for the elderly and vulnerable members of our society. Over the past ten years more than 45 people have died in such fires and over 1,000 have been injured.

These unfortunate statistics have prompted government action and new Building Standards and Regulations have come into effect to demand additional fire protection measures. These standards and Regulations vary throughout the United Kingdom and range from mandatory requirements through to legal obligations.

Tyco Fire & Integrated Solutions has developed a wealth of experience in developing an Integrated Risk Management Approach to the protection of the Care Home Industry and there is no imaginable fire and safety risk within a Care Home that we have not encountered and neutralised.

However, many Care Home patients are bedridden or sleep frequently throughout the day and night. In a potential fire threat, the number of staff at any point in time is not usually enough to evacuate all of the patients quickly in case of an emergency. With these facts in mind, Tyco Fire & Integrated Solutions strongly advocate the introduction of fire sprinkler systems to guarantee the life safety of Care Home residents, the building infrastructure and business continuity of the Care Home Operators.

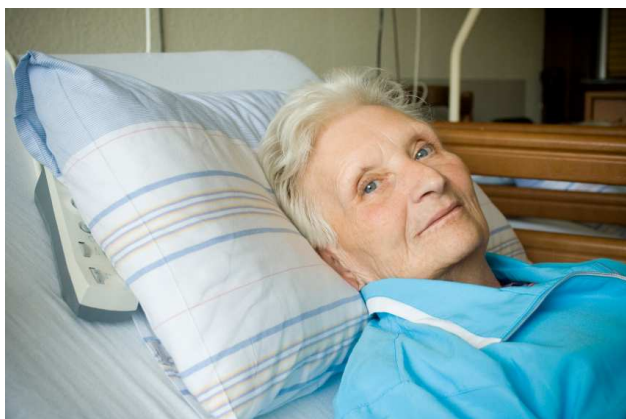
It is therefore hardly surprising that Tyco Fire & Integrated Solutions is a preferred supplier with a proven track record within the Healthcare Industry.



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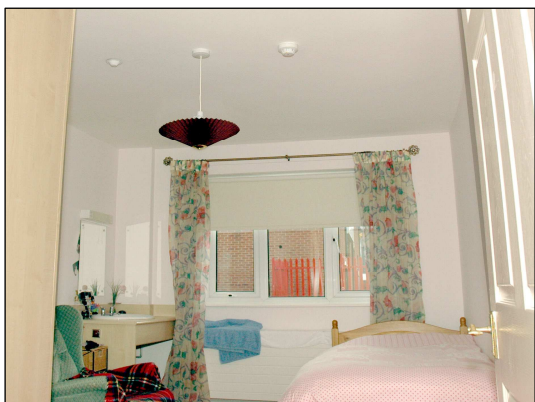
Why can Fire Sprinklers in Care Homes be so cost effective?

The installation of sprinklers in new build premises can provide a number of very cost effective building construction "trade-offs." These might include an increase in the size of building compartments and reduction in structural fire protection including the number of smoke lobbies and doors required.

The introduction of sprinklers also allows Care Home Operators to accommodate two residents in a single room, and subject to Fire & Rescue Service approval, introduce phased or delayed patient evacuation in the event of a fire incident. These factors provide Care Home Operators with the ability to maximise bedroom space and minimise staffing levels, especially at night.

Sprinkler systems are installed in the UK to strict adherence of standards such as BS EN 12845 or in the case of most care homes to BS 9251 so there are no false alarms and the cost of maintenance over the very long lifetime of a sprinkler system is extremely low.

Furthermore, the third party certification that is required under BAFSA's rules for their members means that the fire industry, will usually offer significant premium discounts and/lower policy excesses for premises protected by automatic fire sprinklers.



Retrofitting of Fire Sprinklers in Care Homes

Sprinkler systems can be retrofitted into existing Care Homes without little impact on residents and Care Home operations through the introduction of a phased installation programme. Special consideration in the design of the sprinkler system also ensures that sprinkler pipework can be unobtrusively concealed behind voids and ducts. Installation noise levels can also be drastically reduced with the introduction of LPCB approved CVPC plastic lightweight pipework.



Recent Care Home Projects include:

Scotland

Pittormie House – Dunblane Nursing Home – Sighthill Residential Care – Ronachan House – Irvine Young Persons Residential Unit

North East & West

Gateshead Childrens Home - Beverly Park Nursing Home – Tenter Street Nursing Home – Dunkirk Street Nursing Home - Rochdale Drug Rehabilitation Nursing Home

West Midlands

The Beeches - The Grove Harbourne - Perry Common - Smyth House

South West

Stepnell House - Hawthorn House – Greenacres -Tudor Street Nursing Home

London & South East

Highfield House - Bickerly Green Nursing Home

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or visit our website at www.tycofis.co.uk

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