



Outside

Greenhouse



A greenhouse suitable for any garden or growing area all year around. Adjustable shelves to accommodate seeds and plants to be grown with ease.



ASHP (Air Source Heat Pump)



An A+++ air-to-water renewable heat source working in conjunction with a hot water tank to supply all heating and hot water requirements to your home. Installed externally to absorb heat from the outside and release internally, and the reverse in summer to cool the property. A great way to save energy bills and make your home gas free!

Carefully sourced to provide a lower sound mode to avoid disturbance.

Electric Car Charger



A wall-mounted or free-standing solo charger for your electric car. Controlled by an app where you can monitor your charging sessions and charging costs.





Water Butt



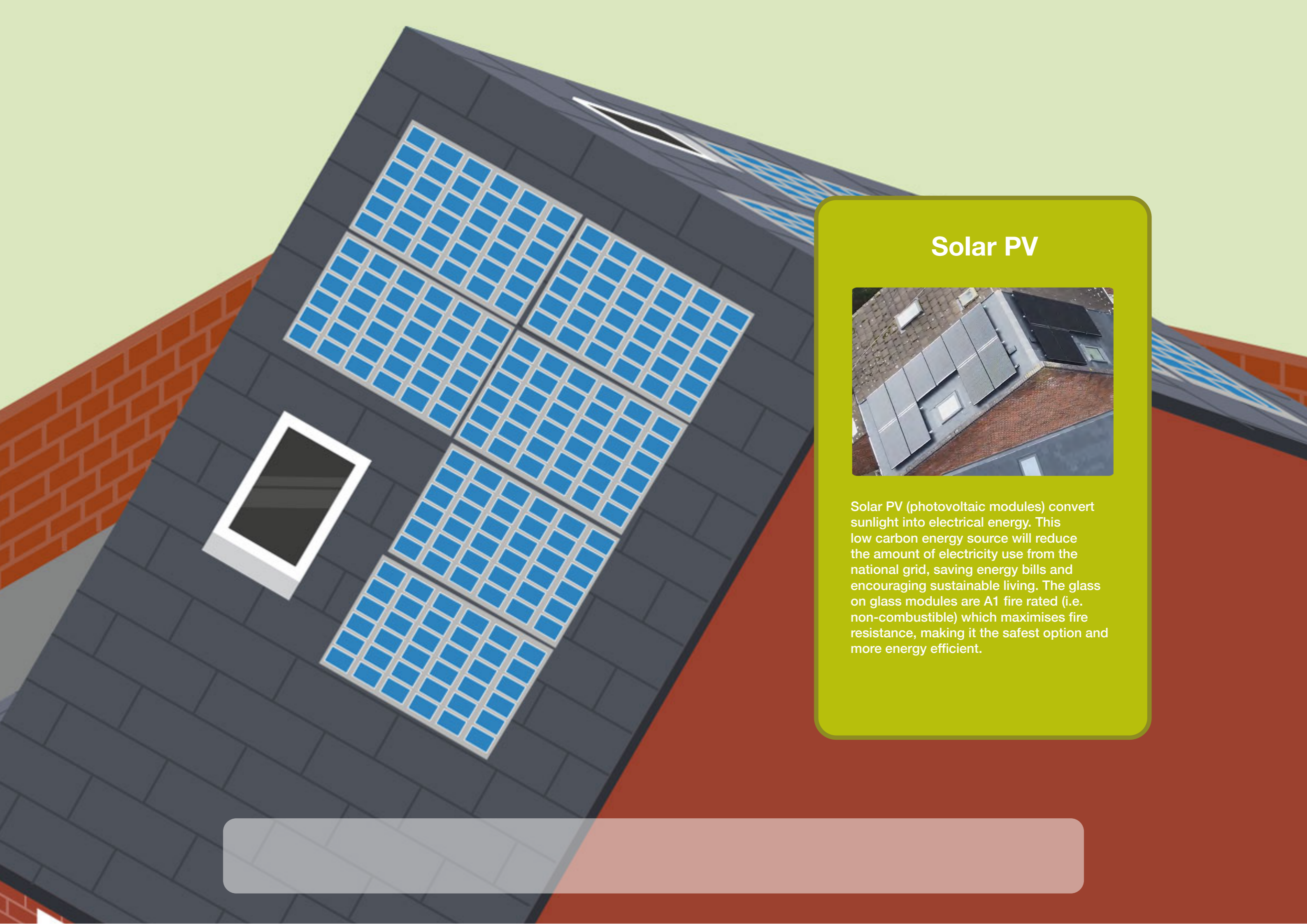
A simple and elegant water butt system that captures and stores rainwater which doesn't require integration with guttering. A great way to reduce water use, save money and a convenient way to source rainwater for your plants.

Skylight



Triple glazed solar electric passive house skylights encourage natural light into your property making it bright and airy.

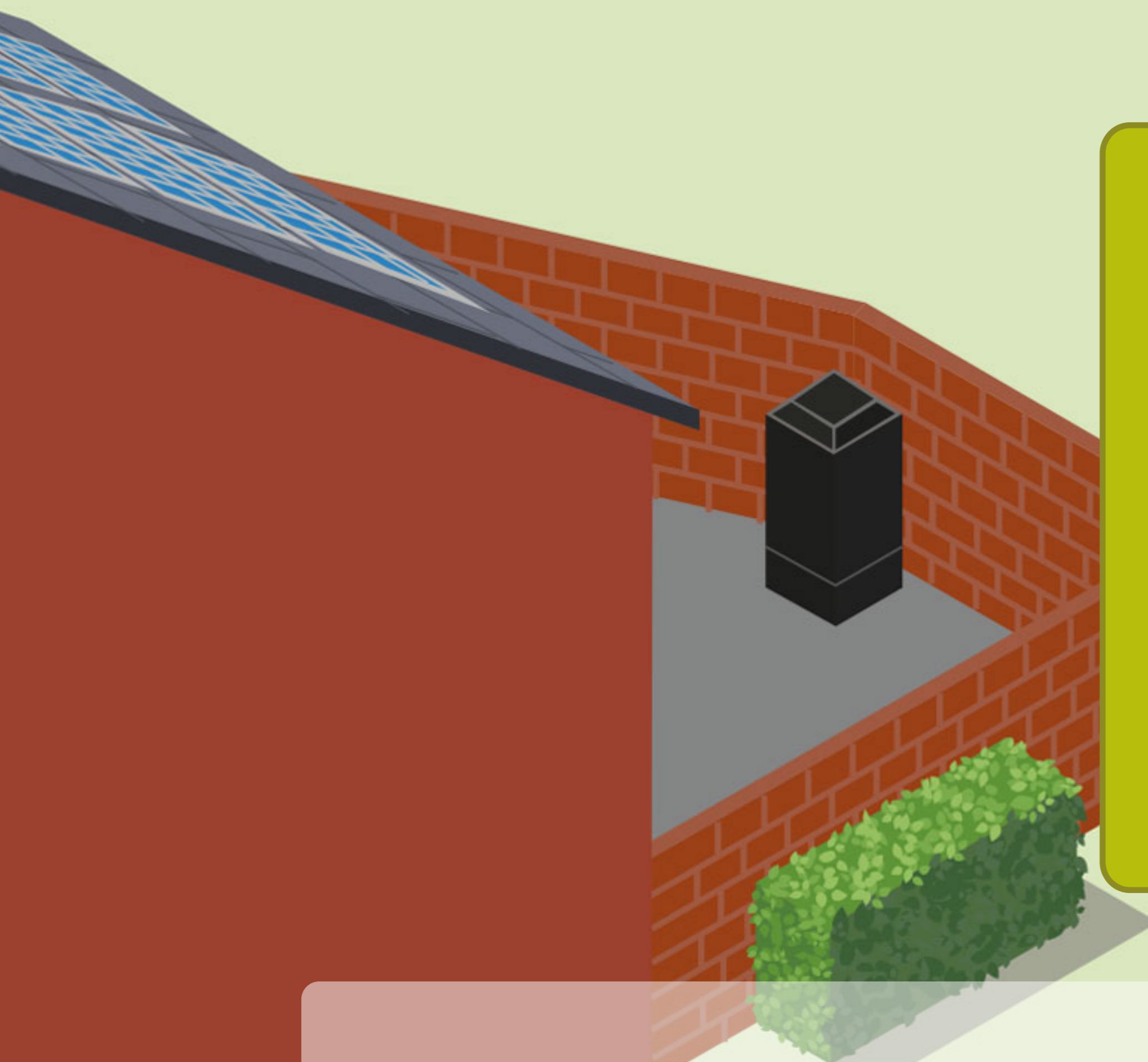




Solar PV



Solar PV (photovoltaic modules) convert sunlight into electrical energy. This low carbon energy source will reduce the amount of electricity use from the national grid, saving energy bills and encouraging sustainable living. The glass on glass modules are A1 fire rated (i.e. non-combustible) which maximises fire resistance, making it the safest option and more energy efficient.



Compost Bin



A slimline hot composter designed for smaller gardens and for keen composters who have less waste. The HOTBIN can achieve hot composting between 40-60 °C, which means it can produce a rich compost faster. These hotter temperatures produced by the HOTBIN means you can recycle more types of household waste, even food waste.

Triple Glazed Windows



Replacing your windows to a triple glazed system will optimise energy performance, reduce heat loss, improve on draughts in your home making it a more comfortable and a quieter internal environment. A great way to soundproof and keep your home warm!

This can reduce the energy demand by 15kWh/m² year compared to double glazing - an annual cost saving of around £70.

Veg/Herb Trugs



A practical and attractive way to easily grow and harvest your own vegetables and herbs. At a comfortable working height, it can be positioned anywhere in your garden. A small but great step to sustainable living.





Loft Space

Ducting



A carefully designed ducting system allows the MVHR to work efficiently. Ducts extract air from wet rooms and pull in fresh air from the outside. The system will be integrated into your home to limit any physical disturbance.

Loft Space



Energy Manager



The Energy Manager measures, controls and visualizes all processes of your solar system and electric consumers. The intelligent commands ensure your solar power is used where it is needed most.

Being self-sufficient means producing most of your energy yourself. With solar power, battery modules and an energy manager you can become 80% self-sufficient in summer months and minimise your electrical bills.

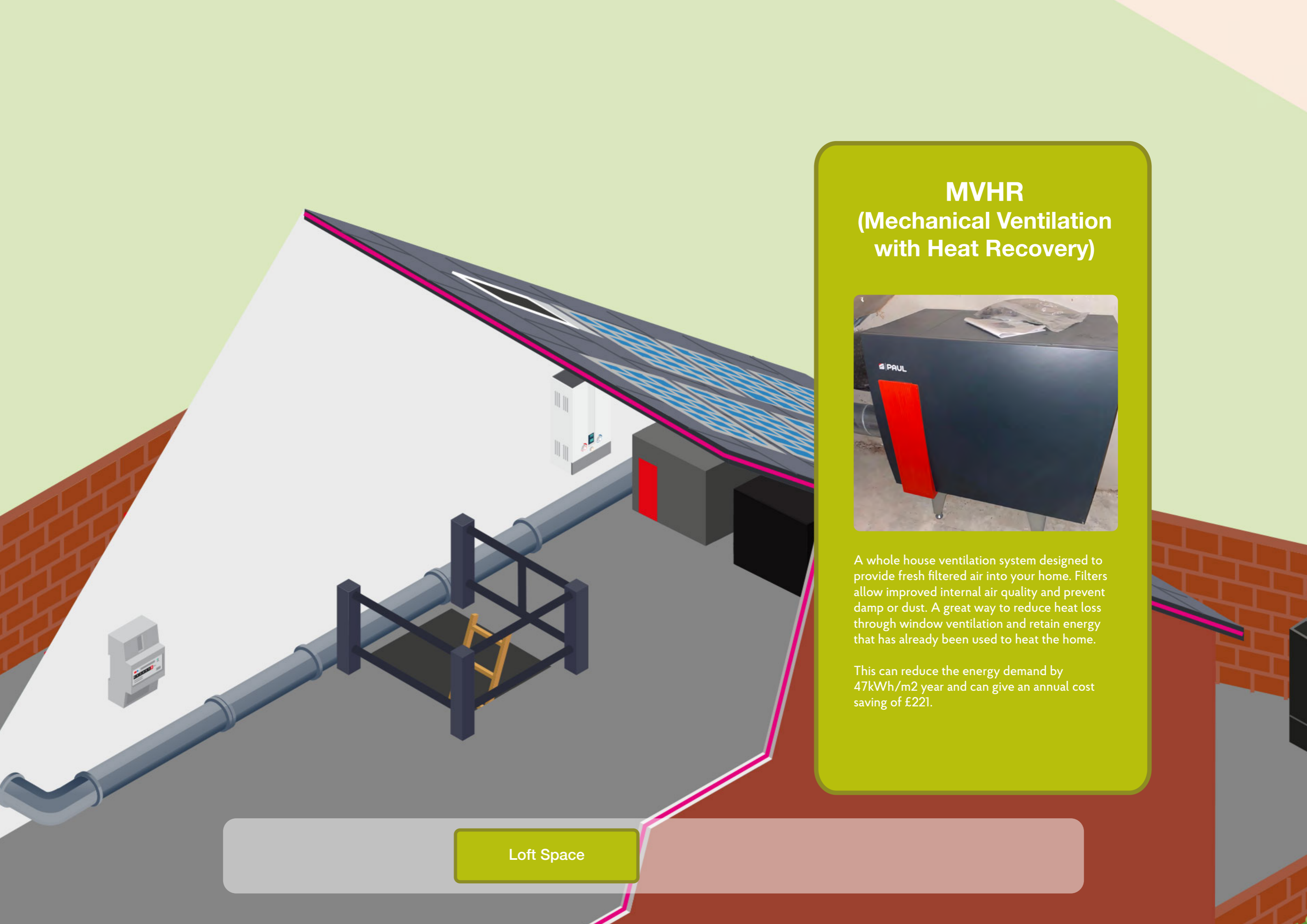
Loft Space

Internal Unit for ASHP



The internal unit connects to the outdoor unit, offering specific features to ensure heating, cooling and domestic hot water in your home. Designed to maximise the efficiency of your heat pump and supply heating and hot water throughout your home.

Loft Space



MVHR (Mechanical Ventilation with Heat Recovery)



A whole house ventilation system designed to provide fresh filtered air into your home. Filters allow improved internal air quality and prevent damp or dust. A great way to reduce heat loss through window ventilation and retain energy that has already been used to heat the home.

This can reduce the energy demand by 47kWh/m² year and can give an annual cost saving of £221.

Loft Space

Battery Storage



The demand for energy is highest, when the sun is not shining in morning and evening hours. Installing a battery system will allow for the solar power to be use when needed. This will lower your electricity costs.

During the day, the battery is charged with surplus solar power. Whenever the power demand is higher than the solar power generated, the battery then provides electricity, averting the need to use costly power from the grid.

Loft Space



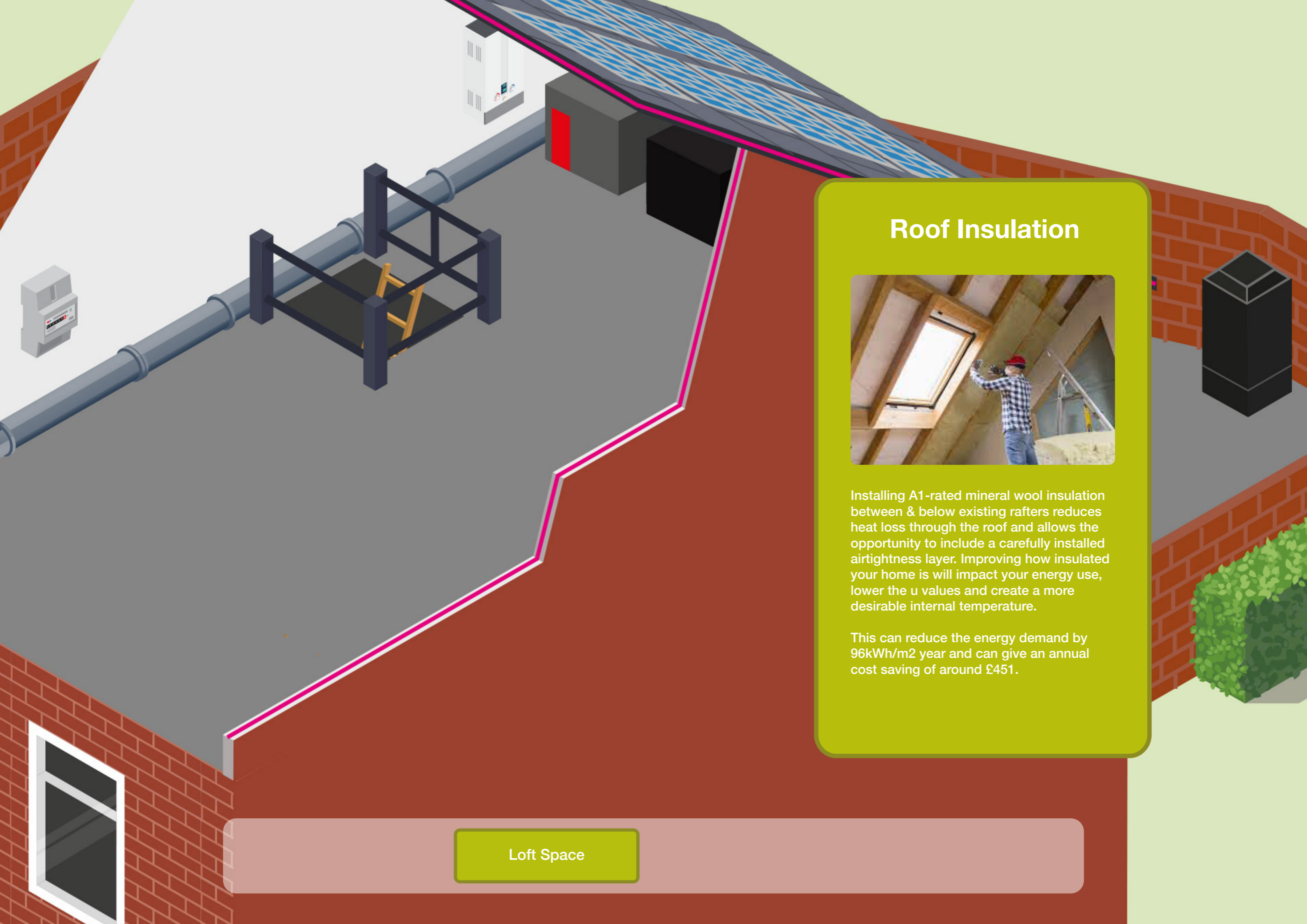
Loft Space

Airtightness Layer



Reducing the amount of air that leaks in and out of your home is a cost-effective way to cut heating and cooling costs, improve durability, increase comfort even at lower temperatures and create a healthier internal environment. Sealing your home using airtightness tapes, seals and glues around windows, doors, joists and service penetrations ensures that the insulation functions to its optimal performance, saving energy and reducing carbon emissions. This must be combined with MVHR or MEV to avoid mould risk.

This can reduce the energy demand by 24 kWh/m² year and can give an annual saving of £113.



Roof Insulation



Installing A1-rated mineral wool insulation between & below existing rafters reduces heat loss through the roof and allows the opportunity to include a carefully installed airtightness layer. Improving how insulated your home is will impact your energy use, lower the u values and create a more desirable internal temperature.

This can reduce the energy demand by 96kWh/m² year and can give an annual cost saving of around £451.

Loft Space



First Floor

FD30 Doors



Upgrading your home with 30-minute fire rated doors will improve the safety, reduce heat loss and reduce draughts near doors.

New internal doors can also reduce the energy demand by 6kWh/m² year and can give an annual cost saving of £28.

First Floor

Shower Monitor



Just one minute of showering requires more energy than is needed for all electronic devices for a whole day. Installed between the showerhead and the shower hose in less than a minute, this promotes a greater awareness of energy consumption that will achieve savings through little effort. This can be monitored through your smart phone and will not require a battery as it generates energy directly from the water flow.

First Floor



LED Lights



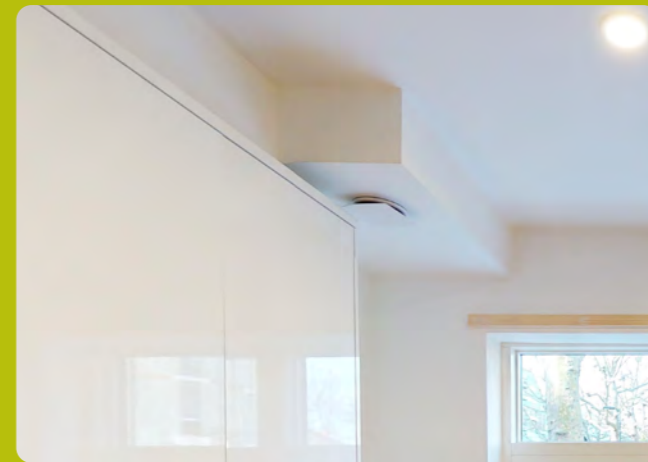
An LED spotlight can last for 20-30 years in comparison to a halogen bulb that has a working life of only two years. By swapping ten halogen bulbs for LED bulbs, savings of £112 a year can be made over a long-term period.

Installing LED bulbs in all lamps and lighting fixtures is a cheap and easy way to improve your EPC rating.

First Floor



Air Vents



Designed for installation at a wall or in a ceiling junction to supply and extract air from rooms. Habitable rooms are provided with fresh air and wet rooms and kitchens are extracted on a continual basis.

First Floor

Blinds



A great way to reduce the need for artificial light as you can control the solar glare in your home, reducing energy bills.

First Floor



Dual Flush Toilet

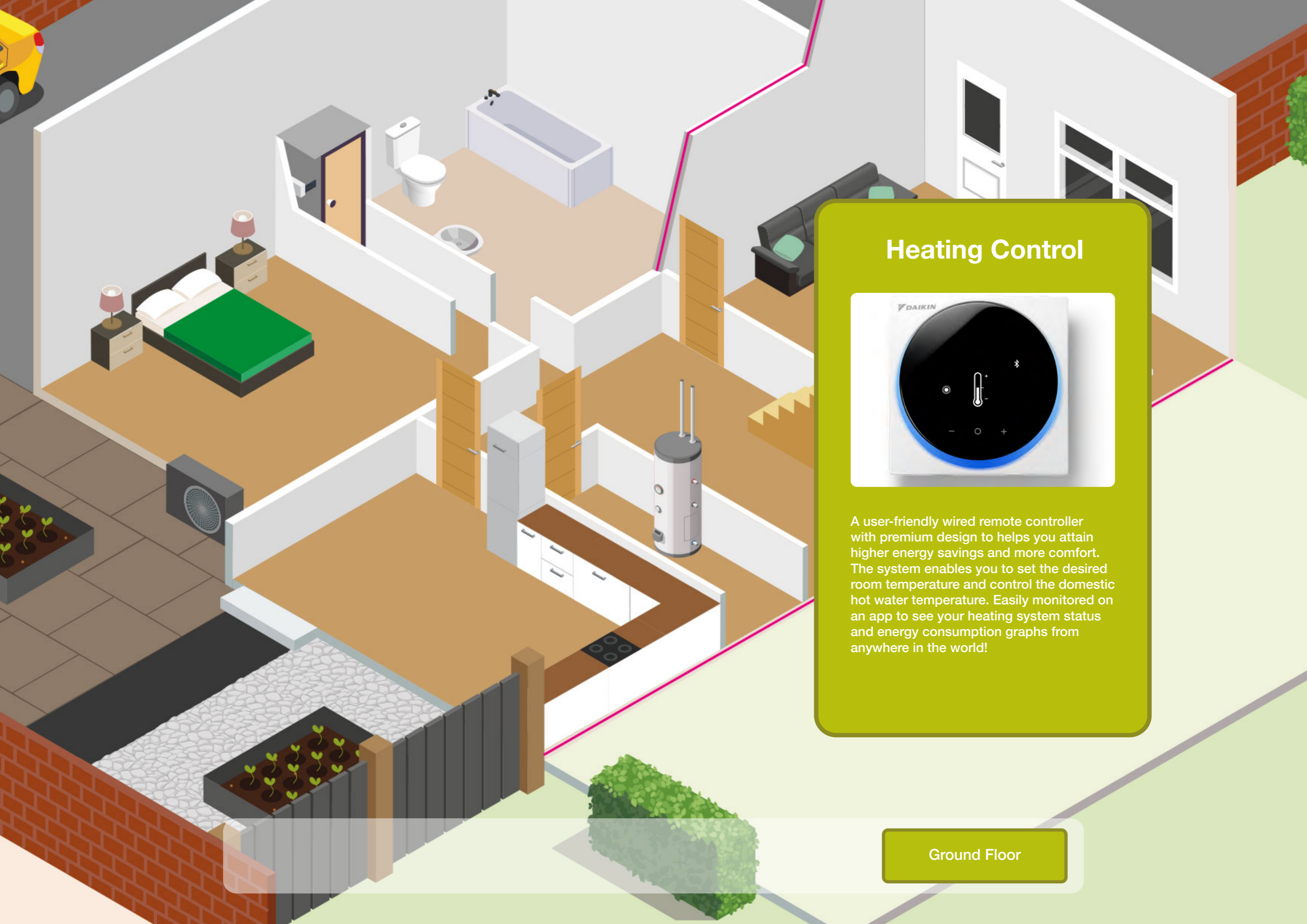


Dual-flush toilets conserve water by offering a choice of two different toilet flush volumes. They save around 67% of water used compared to regular toilets and reduce water bills.

First Floor



Ground Floor



Heating Control



A user-friendly wired remote controller with premium design to help you attain higher energy savings and more comfort. The system enables you to set the desired room temperature and control the domestic hot water temperature. Easily monitored on an app to see your heating system status and energy consumption graphs from anywhere in the world!

Ground Floor

Smart Electric Meter



Smart meters are self-reading electricity meters that show how much energy you're using in pounds and pence – so it's easy to keep an eye on how much you're using and spending.

Ground Floor

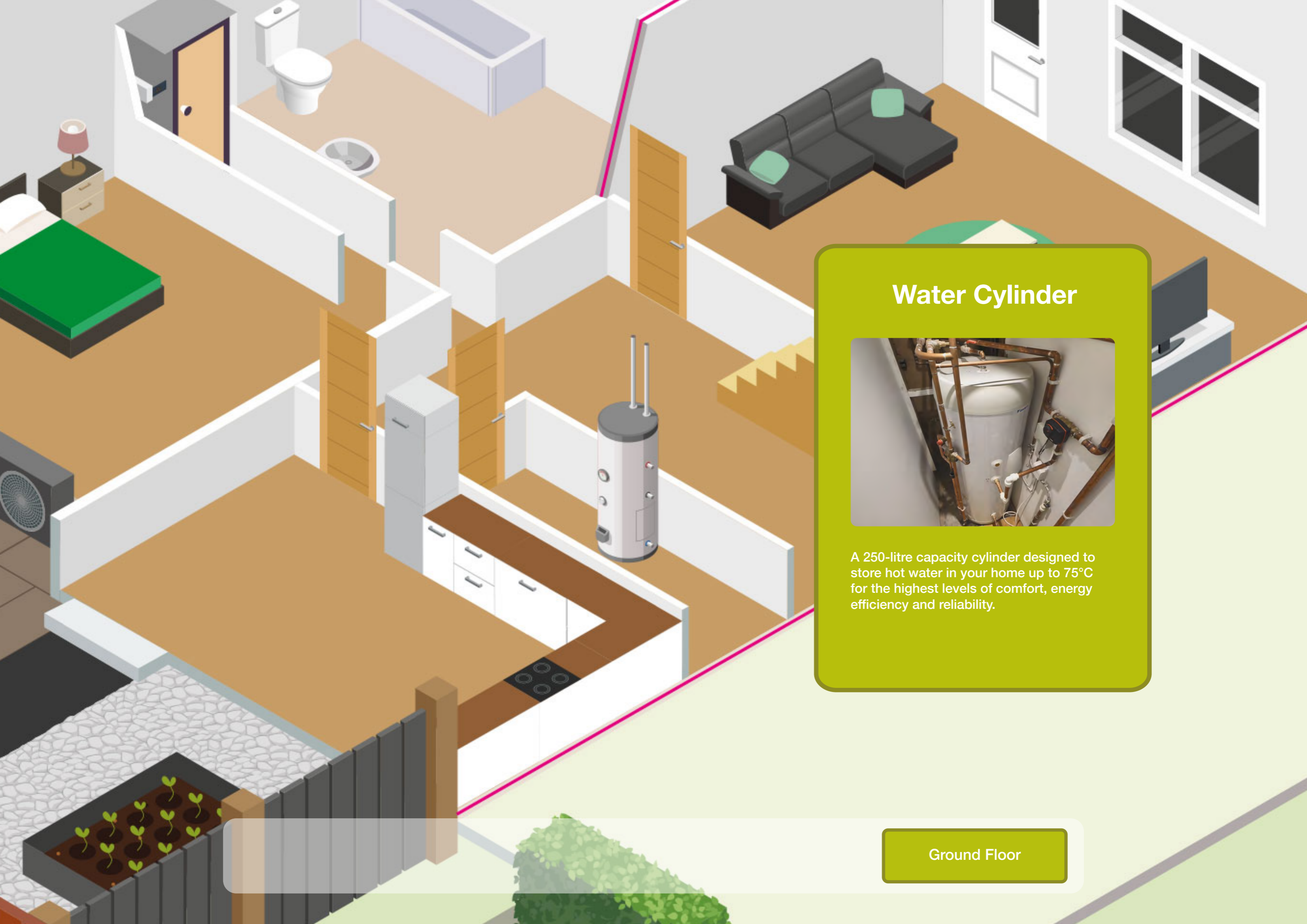


FD60 Front Door



Upgrading your home with a 60-minute fire rated door will improve the safety to above the required standard, reduce heat loss and reduce draughts near doors.

Ground Floor



Water Cylinder



A 250-litre capacity cylinder designed to store hot water in your home up to 75°C for the highest levels of comfort, energy efficiency and reliability.

Ground Floor

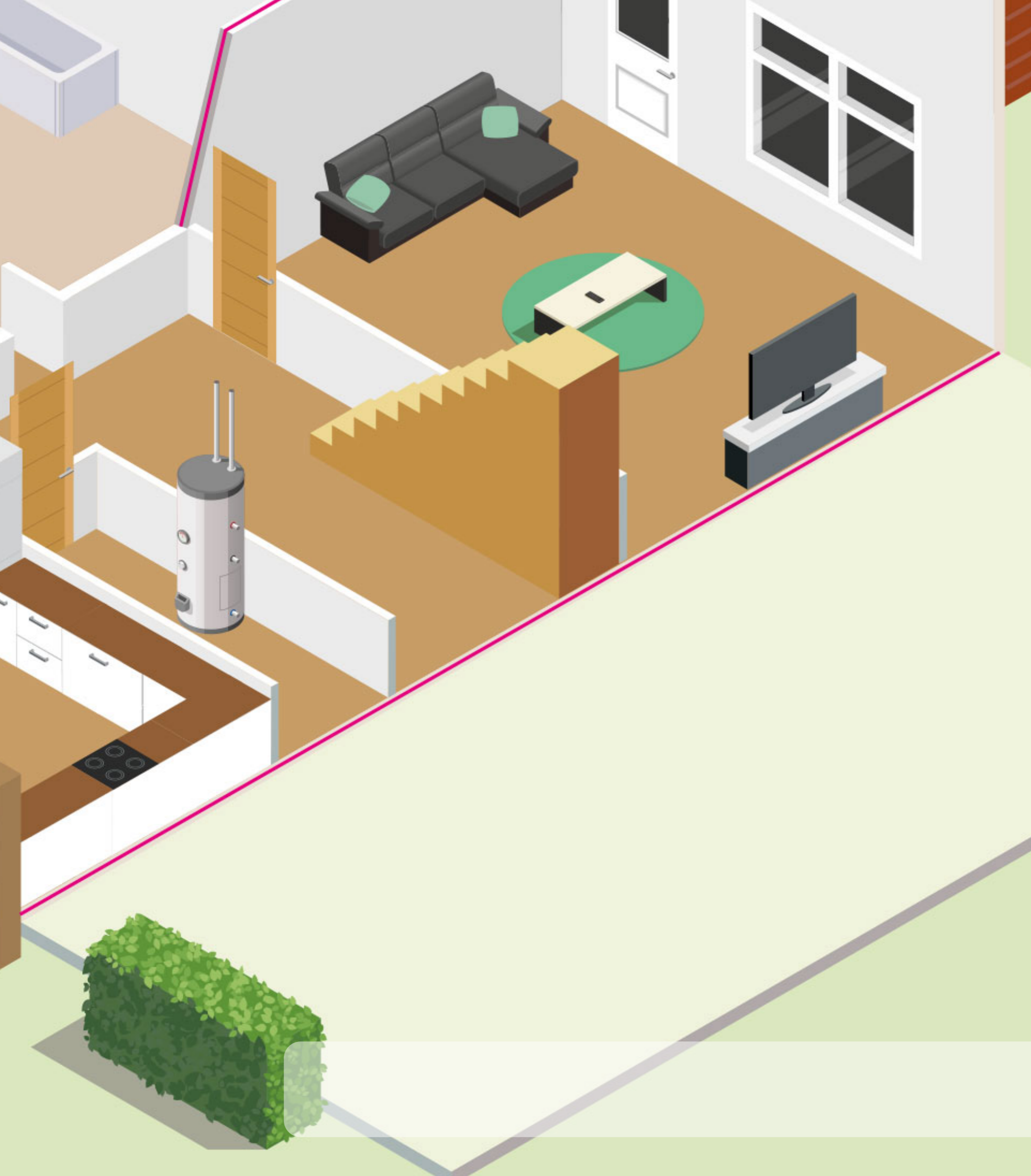
Internal Wall Insulation



Applying A1-rated non-combustible insulated plaster to the internal face of external walls will reduce heat loss through wall and make it a warmer and more comfortable environment thus reducing energy bills.

This can reduce the energy demand by 51kWh/m² year and can give an annual cost saving of £239.

Ground Floor



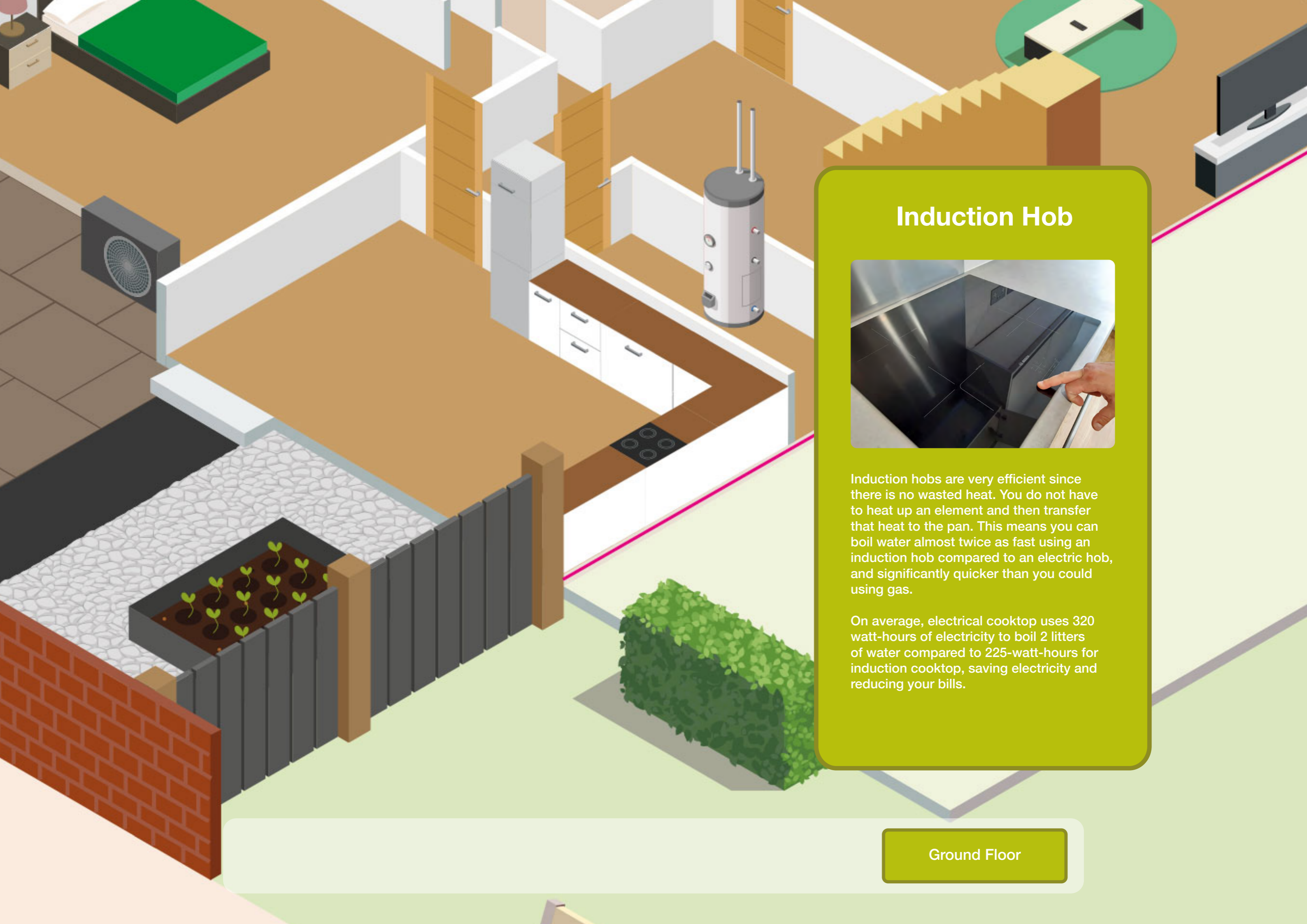
Ground Floor Insulation



An A1 fire rated insulation board to provide the highest level of safety, reduce heat loss through the floor making the floor warmer and more comfortable. It will also improve the heat pump efficiency, reducing energy use and lower the U values of your home.

This can reduce the energy demand by 32kWh/m² year and can give an annual cost saving of £150.

Ground Floor



Induction Hob



Induction hobs are very efficient since there is no wasted heat. You do not have to heat up an element and then transfer that heat to the pan. This means you can boil water almost twice as fast using an induction hob compared to an electric hob, and significantly quicker than you could using gas.

On average, electrical cooktop uses 320 watt-hours of electricity to boil 2 liters of water compared to 225-watt-hours for induction cooktop, saving electricity and reducing your bills.

Ground Floor