Swift Group
Owner's Handbook
Holiday Homes

Issued September 2026

CONTENTS

1. Introduction 4
2. Warranty and after sales support 9
3. Siting 13
4. Connection to services 21
5. General safety advice 23
6. Safe use of LPG 27
7. Mains electricity and wiring 33
8. Heating and Thermal Properties, Control System 37
9. Appliances 41
11. Blinds 47
12. Beds 49
13. General care 51
14. Security 65
15. Winterisation 67
16. Technical information 71
Index 123

1. Introduction

Thank you for deciding to buy a new Swift Holiday Home which has been built to the latest Holiday Home standard BS EN 1647 at time of print.

We are sure you and your family will enjoy many happy hours of comfort and relaxation and hope the information in this handbook will improve your enjoyment. It has been designed to give you a general guide to the care, safe use and maintenance of your holiday home and help protect your investment.

The information contained will answer most of your queries, but if there are any aspects which are not covered please consult your park owner, distributor or dealer for further advice. A dedicated customer care team supports them and, together, we aim to give you many years of pleasure.

Please note that holiday homes are designed for holiday accommodation and not for permanent residential all year round use.

Throughout the season, specifications and equipment details contained within this handbook may change. Please refer to our online handbooks (www.swiftgroup.co.uk) for the most up-to-date version of your handbook.

1.2 Safety

The information contained in this handbook is provided for your safety and enjoyment whilst using the product. It is recommended that you read this handbook right through before using it as you will find information, tips and important warnings regarding the use of your holiday home. Whilst all the content is important there are specific items, prefixed with a warning, caution or note, which are drawn to your attention for your safety and comfort.

⚠**WARNING**: For your safety:-

- Ensure all the occupants are aware of the escape routes from the holiday home.
- Always keep escape routes and exit points clear from obstruction and hazards.
- Provide one dry powder fire extinguisher of an approved type or complying with EN 3-7, of at least 1kg capacity, by the main exterior door and a fire blanket next to the cooker.
- Familiarise yourself with the instructions on your fire extinguisher and the local fire precaution arrangements.
- Always keep young children away from hot surfaces.

Note: Your attention is drawn to the notice affixed inside the boiler cupboard advising on fire precaution, ventilation and what to do in case of a fire.

Emergency action procedures

In the event of gas leakage:

- Never operate electrical switches
- Never look for a leak with a naked flame
- Call the gas supplier and consider calling the fire brigade. Wait outside.

If safe to do so:

- Extinguish all naked flames
- Turn off gas supply at cylinders
- Open doors and windows

Note: Do not turn on the gas supply until it has been made safe to do so by a qualified person.

In the event of fire:

- Call the fire brigade immediately and inform them that LPG cylinders are on the premises.
- Turn off the gas supply at cylinders, if practical and safe to do so.
- Do not go near cylinders in the vicinity of the fire.

Note: Do not turn on the gas supply until it has been made safe to do so by a qualified person.

Fire and asphyxiation risks:

- Do not block ventilators
- Inspect flexible gas hoses regularly for deterioration from abrasions, tight turns and damage from rodents. Renew with the approved type as necessary and, in any case, not later than the expiry date marked on the hose.
- Use only portable fire extinguishers of the dry powder type.
- Do not use portable heating equipment. It is a source of danger and could cause fumes, asphyxiation and condensation.

Smoke, Heat and Carbon Monoxide alarms

Please read the user instructions provided with your holiday home

⚠**WARNING**: These are safety devices provided for your protection. Please ensure that they are maintained and working correctly by following the user instructions.

The devices require regular testing and cleaning. See user instructions.

The batteries require replacing on units with replaceable batteries, as soon as the low battery warning signal is activated.

For units which are connected to the mains supply, batteries are also present within each alarm. See the instructions for guidance relating to these internal batteries.

Do not attempt to repair alarms as doing so will invalidate your warranty.

Water system

It is the responsibility of your park or distributor to ensure the water system has been commissioned correctly, including waste water drainage. Please speak to your park operator to confirm that your mains supply is suitable for drinking.

LPG Gas

With the home sited, the gas system must be commissioned and checked for safety before being connected to the gas supply by a registered Gas Safe Engineer. For more information please refer to the "Safe use of LPG" section in this handbook.

⚠**WARNING**: If you smell gas or suspect a leak or in the event of a fire and if it is safe to do so, isolate the gas appliances and turn off the gas bottles at the regulator. Evacuate the holiday home and ventilate. Seek professional advice as to the cause of the leak.

⚠**WARNING**: Never use a naked flame when checking for leaks.

All gas appliances and gas taps have a gas dispersal vent within the same compartment. It is essential that these are not blocked or made ineffective

Safe use of electricity

It is the responsibility of your park or distributor to ensure your home is connected to the mains electricity supply in accordance with local authority regulations by a qualified electrician (e.g. NICEIC) competent in such work.

For more information please refer to the "Mains electricity and wiring" section of this handbook.

- Always use a qualified electrician for any work or modification to your electrical system or appliances.
- Ensure that you understand the working of all electrical switches in your holiday home.
- Regularly check that all electrical cable terminal connections are firm and secure. Check exposed cables for wear and damage.
- Keep spare appliance fuses handy.

⚠**WARNING**: Remember don't touch it, if you don't understand it.

Escape paths

It is important that you do not block escape paths to emergency exits with obstructions or hazards (see layouts further in this book).

Those windows specified as Emergency exits are labeled accordingly.

Children

Do not leave children alone in the holiday home in any event and keep potentially dangerous items out of reach as you would at home e.g. matches, medicine etc.

Children under the age of 6 must be supervised whilst using the high level bunks (where fitted).

Ventilation

The ventilation of your holiday home has been designed to comply with BS EN 721. These are fixed points of ventilation required by the European Standards, calculated to suit the individual needs of your holiday home.

All high level ventilation is achieved by means of ceiling or wall ventilators and low level ventilation

in the main living area is positioned underneath a unit in the kitchen area venting directly into the living area.

Low level bedroom ventilation is positioned in the sides of the fitted furniture at floor level. These round vents can be removed for cleaning if required by removing the two fixing screws.

It is advised that fixed ventilation points are checked and cleaned (if necessary) on a regular basis using a small brush and a domestic vacuum cleaner.

Additional night time ventilation is obtained by releasing the window catches and placing them in the second groove.

Note: The windows are not sealed from rain in this position.

As the ventilation levels are calculated to suit each model requirements, there should be no modifications made which may result in reduced ventilation levels.

CAUTION: Do not store items underneath your holiday home or fit decking or skirting which dramatically reduces air flow underneath it.

If snow on the roof is excessive it is important that high level ventilation and appliance flues are not blocked. Care should be taken if removing snow from the roof. See External structure section for advice on access to roofs.

For approximate locations of vents in holiday homes refer to the drawings in the technical section of this handbook.

WARNING: Under no circumstances must any ventilator be blocked or obstructed even partially.

Bunk beds (where fitted)

WARNING:

- Use high level bunks for sleeping only, with protection against falling out in position.
- Protection boards must not be climbed over or used to access the bunks.
- Care shall be taken against the risk of fall out when the upper bunks are in use by children especially under 6 years of age, these bunks are not suitable for use by infants without supervision.

1.3 Owner's certificate

Please complete all details on form below for reference at a later date.

<table>
<tr><td>Manufacturer:</td><td>Swift Group Ltd</td><td>Owner's Name</td></tr>
<tr><td>Model:</td><td></td><td rowspan="3">Home Address:</td></tr>
<tr><td>Indentification Marking:</td><td>SG</td></tr>
<tr><td>Key Number:</td><td rowspan="3"></td></tr>
<tr><td>CO Alarm
(Date of Manufacture)</td><td rowspan="2">Tel No.</td></tr>
<tr><td>Smoke Alarm
(Date of Manufacture)</td></tr>
<tr><td rowspan="3">Supplied and fully inspected before delivery by:</td><td>Dealer:</td><td rowspan="3">Dealer Stamp:</td></tr>
<tr><td>Address:</td></tr>
<tr><td>Tel No.</td></tr>
</table>

This certificate identifies your HOLIDAY HOME accurately. Please produce this whenever you require a service, repairs or when ordering additional accessories.

2. WARRANTY AND AFTER SALES SUPPORT

2.1 Warranties 10

2.2 After sales 12

2.1 Warranties

All illustrations and descriptions in this handbook are intended to give a general idea of what a Swift holiday home might look like. Changing market and supply situations and our policy of continuous product development may prevent us from maintaining the exact specifications detailed in this handbook.

We therefore reserve the right to alter specifications as materials and conditions demand.

Your Home is manufactured by Swift Group Limited ("Swift"). Dealers and/or park operators are not agents of Swift and have absolutely no authority to bind the manufacturer by any express or implied undertaking or representation.

Your Home has three warranties:

3 Year SuperSure Warranty

Subject to the conditions, terms and exclusions set out in this section of the handbook, The Swift Group will repair (or, at its option, replace) any defective parts of your Home that comes to light during the SuperSure Warranty Period. This applies to all parts and fittings of your Home (other than the structural exterior). The SuperSure Warranty Period means 36 months from the date an approved Swift Group Dealer, or Park Operator [transfers/hands over] the Home to its first owner.

5 Year Structural Warranty

Subject to the conditions, terms and exclusions set out in this section of the handbook, Swift will repair (or, at its option, replace) any defects with the structural integrity of the Home, that come to light during the Structural Warranty Period. The Structural Warranty covers any defect with the seams of the Home. This includes water ingress through any permanently sealed seam joints. The Structural Warranty Period means 60 months from the date an approved Swift Group Dealer, or Park Operator [transfers/hands over] the Home to its first owner.

10 Year Chassis Warranty

Subject to the conditions, terms and exclusions set out in this section of the handbook, Swift will repair (or, at its option, replace) any defects with the chassis that come to light during the Chassis Warranty Period but only for as long as the Home belongs to its first owner. The Chassis Warranty Period means 10 years from the date an approved Swift Group Dealer, or Park Operator [transfers/ hands over] the Home to its first owner.

Conditions

1. Swift will not be liable under this warranty for any damage or defect that arises from your failure to site your Home in accordance with Swift's recommendations or the Code of Practice for the Transportation, Siting and Commissioning of holiday homes. Your Dealer or Park Operator can provide you with more information on this code of practice.
2. This warranty only applies to Homes purchased and sited in the UK.
3. You must keep your Home in a good state of maintenance and repair. Swift will not be liable for any defect caused by any negligence, misuse or modification of the Home.
4. All new Homes must be registered with Swift within 6 weeks of purchase as from new.
5. The unit must be sited correctly on a recognised site pitch.
6. The cost of transporting or moving the Home by any means to or from the place of repair is the responsibility of the owner.
7. Swift shall not be liable under this warranty for any defects related to or arising from the following;

- The failure of a component for reasons of fair wear and tear;
- Damage resulting from freezing, fire, over heating or accidents (whether caused by the user or third party);

- Damage as a result of failure to carry out normal or specific maintenance including, but not specific too, not draining down and winterising the Home.
- Defect due to condensation, fungus, mildew and damp (other than as a result of a failure of a permanent seal or joint).
- Misuse of any component;
- Normal deterioration, corrosion, intrusion of foreign or harmful bodies, lack of servicing or negligence of any person other than Swift
- which causes stoppage of or impairment to the function of any component of the Home.
- Replacement of parts which have reached the end of their effective working life because of age and/or usage;
- Cleaning or adjustment of any assemblies;
- Cosmetic finishes to kitchen sinks, sealants, cooker tops, vanity units, shower trays;
- Routine maintenance items including lubricants, rubber gas hose, the cleaning of the heater and flues, the replacement of gas jets, the resealing and/or replacement of shower room sealant, the adjustment and lubrication of locks;
- Any breakage or failure of any windows, glass, tyres, fluorescent tubes, replacement light bulbs, spotlights, tap washers or thermocouples;
- Any failure resulting from the use of a part or component in the Home, which is not approved by Swift.
- Damage caused by Environmental conditions such as UV damage and corrosion.

Exclusions

In addition to the conditions above, the following parts have exclusions.

Appliances and white goods - Manufacturers give between 1 and 3 years for the appliances. Please refer to individual appliance instruction booklet for manufacturer's warranty. This can include ovens, fridges, wine coolers, microwaves, dishwashers and washing machines.

Gas central heating boilers - have a 2 year warranty.

Exterior door and window hardware - Handles, hinges, locks and keeps have 1 year warranty. This does not include:-defects or damage caused by wear and tear.

Holiday home aluminium cladding

- Holiday homes sited within 250 metres from the coast or seas edge will be offered: 3 year functional warranty only (not paint coating)
- Holiday homes sited within 250 and 70 metres from the coast or seas edge will be offered: 1 year full warranty and 4 year functional warranty
- Holiday homes sited within 750 and 1500 metres from the coast or seas edge will be offered: 2 year full warranty and 4 year functional warranty
- Holiday homes sited 1500 metres from the coast or seas edge will be offered: 5 year full warranty.

Note: Failure of any part or component, which is not original equipment, or a defect caused as a result of an unauthorised modification to the Home will not be covered under warranty.

Swift shall not be liable under this Warranty if the Home has been neglected, misused, modified

or used for hire or reward or if the identification marks (chassis/VIN numbers) have been removed or defaced. The Home will be deemed to have been neglected if it has not been maintained as stated in this handbook.

You have legal rights under UK law governing the sale of consumer goods. This warranty does not affect your legal rights.

The name and address of the warranty provider is:

Swift Group Limited, Dunswell Road, Cottingham, East Yorkshire, HU16 4JX

To make a claim under this warranty, contact the dealer or park operator which supplied your Home. If this is not possible, please contact the Swift Group Customer Experience Team at enquiries@swiftleisure.co.uk

2.2 After sales

After sales support and service

Please note that all after sales enquiries must be directed through your supplying Dealer or Park Operator. The after sales service at the factory is geared to supporting our Dealer/Park Operator network, as is the service provided by the appliance manufacturers.

Note: In the interests of safety, replacement parts for an appliance must conform to the appliance manufacturer's specifications and should be fitted by them or their authorised agents.

Note: Please remember to quote the chassis number when ordering any items from your Dealer/Park operator.

3. SITING

3.1 Craning 14

3.2 Siting 14

3.3 Supporting the chassis 15

3.4 Jacking 15

3.5 Wheel chocks 16

3.6 Spreader plates 16

3.7 Anchors 17

3.8 Snow loading 17

3.9 Chassis specification 18

3.1 Craning

Given the high risk involved in craning operations the legal requirements are particularly strict, therefore it is recommended that when a crane is required for lifting a holiday home, a specialist craning contractor should be used to undertake a 'Contract Lift'.

The contract lift must be organised through a reputable company which holds adequate insurance for all their operations, including liability cover for the holiday home being lifted. If a specialist craning contractor is employed to undertake a 'Contract Lift', the park / distributor is nevertheless obliged to have in place documented craning procedures and ensure that all persons involved with the instigating or the supervision of any craning work are fully conversant with such procedures.

Procedure

Selection of Nominated Contractor: – It is strongly recommended that the following information is obtained before any work can commence:

- A copy of the Craning Company's Health and Safety Policy
- Detailed, technical risk assessments relevant to lifting holiday homes and to the specific lift (including wind loading, load spread, appropriate slinging method, etc.
- A copy of method statements as to how the work will be undertaken
- Copies of training records for all competent persons
- Copies of all test certificates received
- Copy of segregation procedures received
- Signed agreement from the nominated contractor to adhere to the hiring company's Contractor Code of Conduct
- Copy of Public Liability insurance (Minimum cover £5 million and in date)

3.2 Siting

Your holiday home should be sited on a correctly prepared standing of suitable material, which must provide adequate support for the home placed upon it.

Methods of siting vary, dependent upon the ground conditions and specific requirements set by the local authority site licence. The method of siting a holiday home in a flood risk area must be considered carefully. In some instances as insurers impose risk management controls in order to continue their provision of flood cover.

Care is required to position the holiday home squarely on the pitch. The wheels should then be chocked in front and behind to resist movement.

Where practicable, the holiday home should remain securely attached to the towing vehicle until it is jacked and supported.

Where this is not possible, the towing vehicle should be disconnected ensuring the jockey wheel is left in a locked position and on a firm base or spreader plate.

The towing vehicle can then be removed from the siting operational area.

All the corner steadies should be wound down in contact with the base;

The holiday home should be carefully jacked up in accordance with jacking instructions.

When one side of the home has been raised sufficiently to enable the wheel(s) to spin freely, solid concrete blocks should be placed under the main longitudinal chassis beams either side of the axle (in four positions) - see Figures 3 and 4. The other side of the holiday home can then be raised and supported in the same way.

Suitable packing material should be placed between the top of the concrete block and the underside of the chassis to cushion the weight and reduce the transmission of vibration.

CAUTION: Concrete blocks should not be in direct contact with the steel chassis.

The corner steadies should now be extended on either side to ensure that the holiday home is stable. At this point, intermediate supports should be carefully placed between the supports either side of the chassis and the corner steadies (Figure 1)

A spirit level should be used to check that the holiday home is absolutely level across its width. The internal floor should be used for levelling purposes across both the width and the length of the unit.

Alternatively, a spirit level can be used by placing it under the floor joists by straddling several joists at a time, repeating this process at appropriate intervals throughout the length of the home.

Levelling the home is one of the most important aspects of siting. Without the correct level, much time may be wasted trying to rectify what originally may be thought of as poorly fitted doors, windows or furniture.

Laser levels can be used as an alternative to spirit levels for levelling the home.

When the home is levelled correctly, the intermediate heavy duty support stands underneath the chassis should be placed and adjusted under all identified support points between the supports either side of the chassis and the corner steadies (Figure 1 illustrates the correct position).



Figure 1. Intermediate supports

When the home is level in all directions, the corner steadies may be retracted into their stored position. They should not be used as additional supports and if they are to remain extended, should be at least 6mm off the ground.

3.3 Supporting the chassis

Holiday homes **up to 12.2m** long should have a minimum of **twelve** supports.

Each chassis longitudinal should have one support either side of the axle(s) and two forward and two rearward of the axle(s) - see figure 3 (page 18).

Holiday homes **over 12.2m** long should have a minimum of **sixteen** supports. Each chassis longitudinal should have one support either side of the axle(s) and three forward and three rearward of the axle(s) - see figure 3 (page 18).

Note: The jacking support points either side of the axle(s) are identified by a red label and the other support points by a yellow label.

It is recommended that suitable load bearing blocks are used under the jacking/support points (red labels) and adjustable axle stands (Figure 1) are used under the chassis support points (yellow labels).

Note: Hardwood packing should be used between the load bearing blocks and the chassis to cushion the weight and reduce the transmission of vibration.

Concrete blocks should not be in direct contact with the steel chassis.

3.4 Jacking

Selection of Jack

It is essential to ensure an appropriate jack is selected for any lifting operation. All jacks must have their maximum lifting capacity (safe working load) clearly and legibly marked with a permanent label or painted sign.

The jack(s) selected should be capable of lifting more than half the weight of the holiday home.

Note: The distribution of the load and the nature of the terrain should be taken into account.

⚠**WARNING**: Care must be taken to ensure the marked lifting capacity of the jack(s) is not exceeded.

Jacking Procedure

- Most jacking accidents occur when lifting on an uneven surface when the jack slips out from under the holiday home.

⚠**WARNING**: Take care to ensure the jack is sitting on an even surface that is capable of taking the full-imposed weight at that jacking point, as indicated by the manufacturer. Spreader plates should be used on uneven and/or soft surfaces.

- Before raising the holiday home, the wheel(s) remaining on the ground should be chocked;
- Wherever possible, consideration should be given to lifting the holiday home whilst still hitched to the towing vehicle to take advantage of the additional stability this can provide;

The jack(s) should be placed under the defined jacking point(s)

- Jacking should be undertaken, one side at a time, using an appropriately rated jack(s);
- The holiday home should not be jacked up to its final height and then supported. Rather, it should be lifted up to a height whereby the support stand is barely extended to allow the earliest possible supporting of the holiday home. The jacking should be slow and gradual and the holiday home should be continually supported throughout the jacking operation;
- It may be necessary to lower the holiday home onto the support stands and to reposition the jack at another designated jacking point to gain more height;
- While jacking at other points, it is important to check and recheck all support stands to make sure they remain in the correct position.

Plan to stay safe

⚠**WARNING**: No one should be under the holiday home whilst it is being lifted or lowered by means of a jack.

⚠**WARNING**: No part of the body should ever be under the main chassis beams of a holiday home that is supported only on a jack.

Given the risks of working beneath a holiday home, it is recommended that at least one other person who has been trained in how to deal with an emergency is present and able to respond to any incident. One member of the team must remain outside the underside of the holiday home at all times.

3.5 Wheel chocks

The danger of movement whilst the holiday home is being raised/levelled cannot be overstated. The wheels of the home (those still in contact with the ground) should always be braced with wheel chocks at the front and rear. These prevent the home shifting forwards or backwards (the most likely direction of movement).

Better quality wheel chocks are fabricated from steel or thick aluminium and are wedge-shaped so that they can be pushed into close contact with the wheel and tyre.

Note: For a holiday home, the wheel chock should be at least 150mm high.

3.6 Spreader plates

Spreader plates are a means of distributing a load over a wider area, and must always be used under jacks or support stands where ground conditions are uncertain. It may be necessary to double up spreader plates or lay them side by side where support is required over a large area, such as under a larger trolley jack. It is important to place jacks in the centre of any spreader plate or combination of plates.

3.7 Anchors

It is good practice to anchor the holiday home to the ground. Some insurance companies require they are anchored and specify minimum requirements.

The anchor points on the chassis are rated at 10kN in tension therefore the ground anchors should also be capable of withstanding the same.

The chassis' used for Swift holiday homes have specific holding down points located approximately 1000mm (+/-200mm) from the ends of the main longitudinal chassis member at each corner (see Fig. 2).

CAUTION: These anchors should not be over-tightened as they can stress the chassis.

Note: It is important to note that both the chain and turnbuckles should be suitably rated.

Swift recommends that the person responsible for the ground installation provides anchorage points to prevent the holiday home from overturning if local climatic conditions result in wind velocities in excess of 48m/s (173km/h) being experienced.

Note: Each ground anchor should be capable of resisting 10kN in tension.

The preferred turnbuckle is the type which has an 'eyelet' at both ends (as opposed to hooks) and should be used with suitable 'D' shackles.

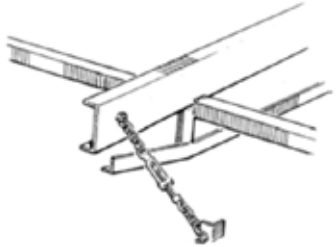


Figure 2. Anchor Points

3.8 Snow loading

All Swift holiday homes are designed to withstand a snow loading of 1500pa (pascals) which equates to Grade B (see below).

To withstand this snow loading the following method of supporting the holiday home when sited must be carried out.

The main longitudinal chassis beams should be supported by concrete blocks where cross braced on either side of the axle. An axle stand should be placed underneath the cross bracing between the concrete blocks and the corner steadies in four positions as shown in Figures 3 and 4.

Great caution should be used when cleaning snow from the roof of the holiday home.

Guide to Snow Loading Grades

Grade A - Only in parts of the UK

Grade B - All of the UK + France and Germany

Grade C - Higher European Ground

Grade D - Scandinavia and Northern Europe

WARNING: Care shall be taken when snow load is excessive. It is important that high level ventilators and appliance flues are not blocked.

3.9 Chassis specification

- All chassis are built to NCC CoP 501 specification.
- Holding down points capable of resisting 10KN – located 1000mm +/- 200mm from the end of each longitudinal.
- Corner steady - maximum extended height of 432mm Corner steadies must not be used to fully support the unit.
- Jockey wheel assembly maximum load that can be applied in a static position is 150Kg.
- Hitch – cast iron with 50mm ball. The maximum vertical load of the coupling head is 2.5 tonnes.

Figure 3. Typical Support and holding down points – Single unit

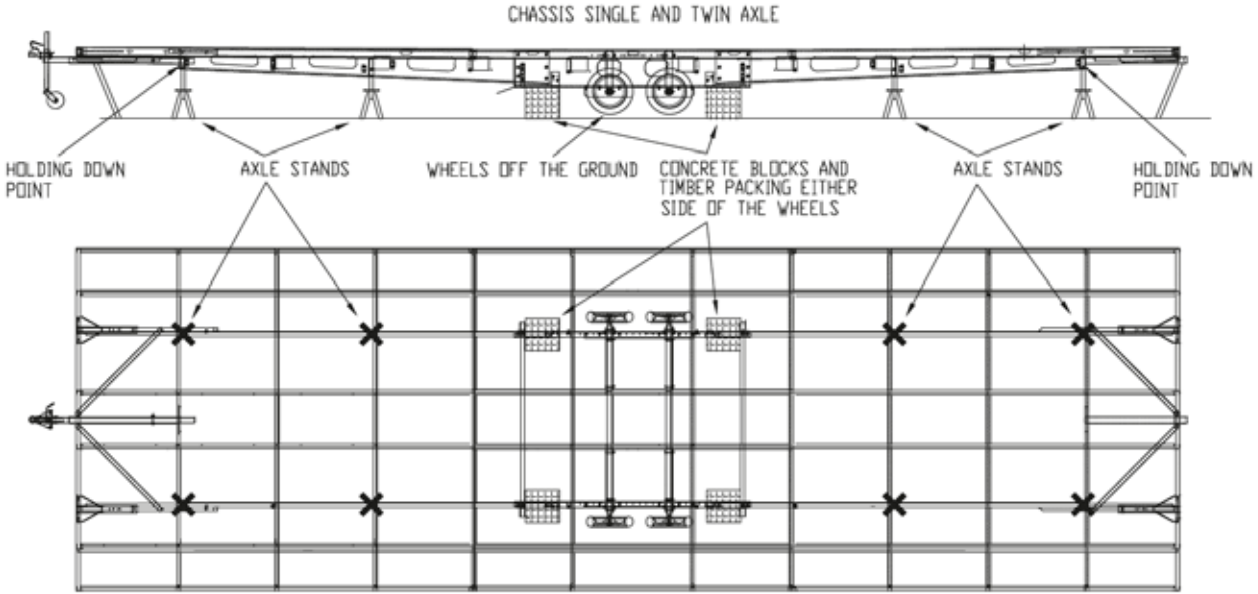
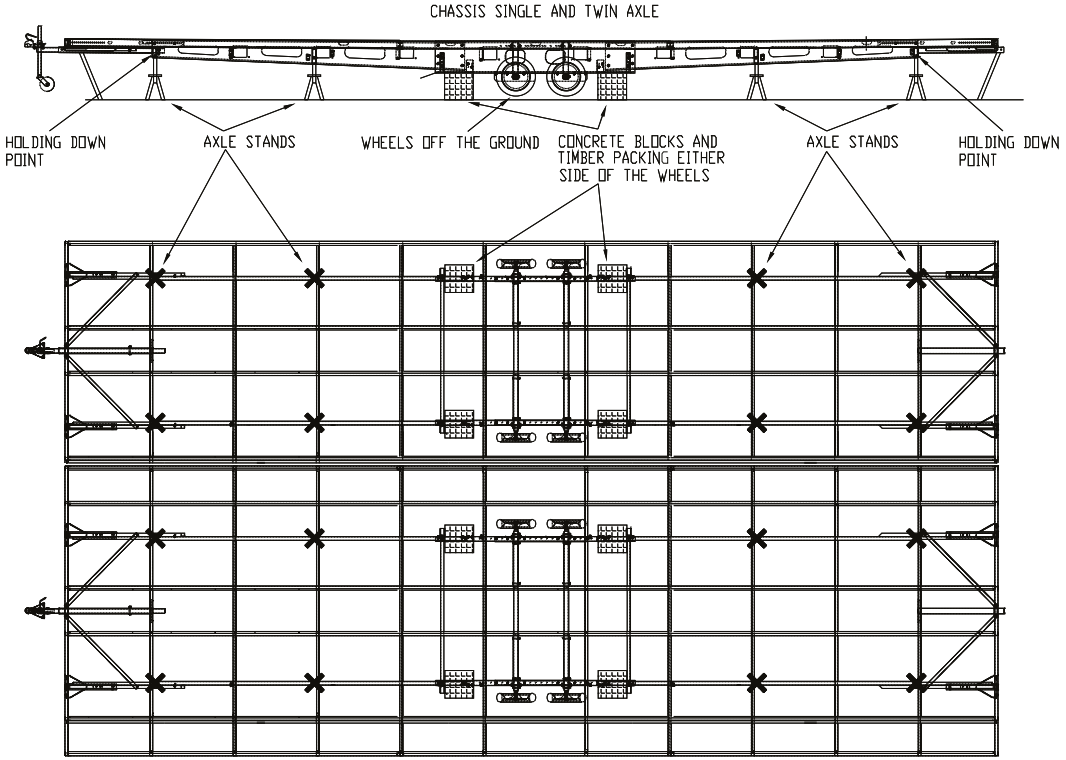


Figure 4. Typical Support and holding down points – Twin unit



Siting

4. CONNECTION TO SERVICES

4.1 Water system 22

4.2 LPG system 22

4.3 Electrical system 22

4.1 Water system

It is the responsibility of your park or distributor to ensure the water system has been commissioned correctly, including waste water drainage. Please speak to your park operator to confirm that your mains supply is suitable for drinking.

Shower P Traps

Within the loose items parts supplied for each holiday home for commissioning are P-traps for each shower. After fitting the shower P-trap and completion of the van siting, fit the vermin covers supplied over the shower outlet and fit into position as per photograph using the supplied screws.



4.2 LPG system

After the home has been sited, the gas system must be commissioned and checked for safety before being connected to the gas supply by a registered Gas Safe Engineer. For more information please refer to the “Safe use of LPG” section in this handbook.

4.3 Electrical system

It is the responsibility of your park or distributor to ensure your home is connected to the mains 230v electrical services by a qualified electrician competent in such work and that is in full accordance with local authority regulations .

For more information please refer to the “Mains electricity and wiring” section of this handbook.

5. GENERAL SAFETY ADVICE

5.1 Fire precautions 24

5.2 Emergency shut off points 26

Ensure you and your family know the locations of all escape routes and emergency exits. (Refer to the layout drawing in the technical section of this handbook for your model).

Go over the rules in the 'what to do in case of fire' section with your children and other occupants each time you have fire drills. This will help everyone remember them in case of a real emergency.

Keep a torch handy for emergencies. Never use a naked flame.

Position a fire blanket next to the cooker.

Never leave pans of oil or fat unattended.

Combustible materials should be kept clear of all heating and cooking appliances.

Never use portable gas heaters or appliances.

Do not leave young children unattended in the holiday home.

Keep matches out of reach of children.

Always turn off the gas cylinder valve(s) when gas appliances are not in use or if leaving the holiday home unattended for long periods.

Always be aware that a fire can re-ignite, even if you think it is extinguished.

⚠**WARNING**: Never allow modifications or repairs to appliances, electrical and LPG systems except by a qualified person. Care should be taken that any additional equipment or appliances are installed in accordance with the appliance / equipment manufacturers instructions

⚠**WARNING**: Never use portable cooking or heating equipment other than electric heaters that are not of the direct radiant type, as it is a fire and asphyxiation hazard.

⚠**WARNING**: Appliances such as cookers must not be used for heating.

Note: Do not use the void of the chimney breast for storage. This area must be clear at all times.

Fire Alarms

All of our Holiday Homes are fitted with a grade D1, Category LD2 fire detection system which include mains powered, tamper proof smoke and heat detectors located in the Lounge/ Kitchen, hallway and in each bedroom. Ensure these are correctly functioning and tested regularly when the home is in use. Optional LD1 category (alarms in all habitable rooms) may have been fitted if specified by the first owner.

Note: If the home is to be used for hire or sub-let we recommend a fire safety risk assessment is carried out by the owner to consider if any additional requirements are needed.

5.1 Fire precautions

⚠**WARNING**: Your attention is drawn to the notice affixed inside the holiday home advising on fire precaution, ventilation and what to do in case of fire.

Safety Advice to Users

Ventilation

Do not obstruct the permanent ventilation openings which are fitted, your safety depends on them.

In Case of Fire

1. Get everyone out;
2. Turn off outside gas valve and/or liquid fuel valve (if fitted);
3. Disconnect the mains electricity supply;
4. Raise the alarm and call the fire brigade;
5. Fight fire if safe to do so.

Fire precautions

Do not leave children and vulnerable adults alone.

Means of escape

Make sure you know the location and operation of the emergency exits. Keep all escape routes clear.

Combustible materials

Keep them clear of all heating and cooking appliances.

Fire fighting

A Fire Blanket and Fire extinguisher are provided with in each home complying with EN 3-7 of at least 1kg capacity. Position by the main exit door, and a fire blanket next to the cooker. Familiarise yourself with the instructions on your fire extinguisher and the local fire precaution arrangements.

What to do in case of fire:

- If you have made a family escape plan and practiced it with your family you have increased their chances of escaping safely. Go over the following rules with your children each time you have fire drills. This will help everyone remember them in case of a real emergency.
- Don't panic, stay calm. Your safe escape may depend on thinking clearly and remembering what you have practiced.
- Notify every member in the residence of the fire.
- Get out of the holiday home as quickly as possible. Follow a planned escape route. Do not stop to collect anything or to get dressed.
- Feel the doors to see if they are hot. If they are hot, do not open them - use an alternative escape route.
- Stay close to the floor. Smoke and hot gases rise.
- Cover your nose and mouth with a cloth (wet if possible). Take short, shallow breaths.
- Keep doors and windows closed. Open them only if you have to in order to escape.
- Meet at your planned meeting place after leaving the holiday home. Carry out a head count.
- Call the Fire brigade on 999 from outside your holiday home. If possible use a mobile phone or call box.
- Give the address and your name.
- Turn off the gas supply valve and remove the cylinders if it is safe to do so.
- If connected to the mains electrical supply, disconnect or switch off at the pitch supply point.
- Do not use water on fat or electrical appliances.
- Never go back inside the holiday home until a member of the fire service has told you it is safe to do so.

Fire extinguisher

It is recommended that a 1kg (2lb) minimum capacity dry powder fire extinguisher be kept inside your holiday home at all times.

After using a dry powder extinguisher it is suggested that the holiday home be evacuated until the powder has settled, to avoid inhalation.

Always aim the fire extinguisher at the base of the fire not at the flames.

⚠**WARNING**: Never use a powder extinguisher on a pan of fat or oil, only use a fire blanket on pan fires.

Note: Provide one dry powder fire extinguisher of an approved type or complying with EN3 or ISO 7165, of at least 1kg capacity, by the main exterior door and a fire blanket next to the cooker. Familiarise yourself with the instructions on your fire extinguisher and the local fire precaution arrangements.

⚠**WARNING**: The initial use of dry powder extinguishers is recommended only if it is likely that the leakage can be stopped by closing the cylinder valve or that the cylinder can be speedily removed.

As soon as possible remove cylinders adjacent to the fire to a safe place in order to gain access to the seat of the fire. Cool with water all gas cylinders which cannot be removed

5.2 Emergency shut off points

Gas

Isolation shut off valve for each appliance:

- **Hob/Oven/Grill** - Behind the plinth at the bottom of the oven (or hob if separate) housing.
- **Central Heating Combination Boiler** - Directly beneath the boiler.

Water

- **Exterior** - At the main feed pipe stopcock for the holiday home.

Electricity

- **Exterior** - Park supply box for your holiday home.
- **Interior** - At the electrical consumer unit, usually situated in the twin or master bedroom wardrobe.

6. SAFE USE OF LPG

6.1 The LPG system 28

6.2 Gas commissioning notice 28

6.3 Using cylinders 28

6.4 Gas regulators 29

6.5 Low pressure flexible hoses 29

6.6 Gas safety 30

6.1 The LPG system

Your gas system should have been connected and commissioned by a registered Gas Safe Engineer engaged by your Park or Siting Agent.

If this is not the case then in the general interests of your safety and others that may use this home, you should have the gas installation and appliances properly commissioned and checked for safety by a competent Gas Safe registered engineer. This should be carried out after the home has been sited but before a gas supply is connected.

The inlet connection is the start point of the holiday/park home's gas system. It will be found at the rear of the holiday/park home.

6.2 Gas commissioning notice

The gas commissioning notice is fitted to the rear of the boiler cupboard door. We recommend that the registered Gas Safe engineer completes this notice at the time of commissioning the new home. This record of first commissioning should not be removed.

If the home is to be let out (either permanently or short term), then by law (The Gas Safety (Installation and use) Regulation and health and safety legislation) the current owner or their agent must ensure that: commissioning and servicing checks of gas installations and gas appliances have been carried out by a Gas Safe registered engineer; the gas appliances are checked for safety at least once a year by a Gas Safe registered engineer; and a record of the installer's safety check is prominently displayed in the unit for occupants to see.

If the unit is being used solely for private use, other than commissioning, these checks are not required by law, but it is STRONGLY RECOMMENDED that the owner has them carried out and retains a record of the annual safety checks on appliances.

WARNING: By law only competent persons can carry out gas installations and servicing work. Do not attempt to work on the gas installation yourself, as to do so could be illegal and/or dangerous and could put yourself or others at risk.

WARNING: Use only propane LPG at a pressure of 37mbar. Never use appliances with a different working pressure.

Propane remains fully operational down to temperatures as low as -43 degrees. There are a variety of sizes and shapes of cylinders in which the gasses are stored. Consult your Park owner who will advise you the amount of gas needed based upon your holiday homes specification and your particular family or individual requirements.

The LPG installation and LPG appliances in your holiday home should be checked annually by a Gas Safe registered engineer. Contact your Park, Siting Agent or Gas Safe on 0800 408 5500 for a list of recommended Gas Safe Engineers.

6.3 Using cylinders

What happens inside the cylinder

Gas cylinders are specifically manufactured to store LPG gas in its liquid state which then turns to gas filling the space above the liquid. As gas is drawn off in use, more liquid turns to gas to replace it.

An external regulator (See 6.4 Gas Regulator) connected to the supply line between the cylinder and appliance keeps the pressure of the gas constant to the appliance as the cylinder empties until there is no liquid left to turn to gas.

CAUTION: A gas cylinder must always be operated standing on its base. A cylinder on its side could allow liquid gas into the supply pipes with very serious consequences.

WARNING: Never apply heat to a cylinder; this could cause a build-up of pressure beyond the design limit.

CAUTION: Treat the cylinder with care as a damaged valve could result in a leak.

Changing gas cylinders

The following procedure should be adopted:

1. Turn off all gas appliances;
2. Extinguish any fire, flame or source of ignition (including cigarettes, pipes and pilot lights) before changing gas cylinders;
3. Ensure that the gas cylinder valve(s) is/are closed before disconnecting any empty cylinder or before removing the plastic cap or plug on the outlet connection of the replacement cylinder (note: Left hand thread).
4. Ensure that the replacement gas cylinder is the correct one for the installation.
5. Make firm gas tight joints. Any leaking vapour will smell. If a leak is suspected after changing gas cylinders and opening valve, test by brushing with soapy water around the joints. Bubbles will form if vapour is leaking.

6.4 Gas regulators

Gas cannot be supplied from a bottle without gas regulation. Except for appliances fitted with a flow controller, a suitably rated regulator of a minimum of at least 3.5kg per hour, must be included in the connection between the cylinder and the appliance. The regulator is precisely set to control the pressure of the supply and **must not be adjusted**.

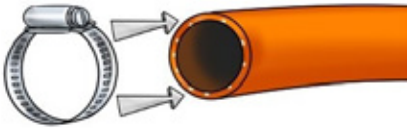
The connection must be by a high pressure flexible hose which shall be as short as possible. This is due to the gas regulator supplying gas to the gas appliances at a constant pressure independent of gas flow.

Note: Ensure the regulator is of the correct pressure rating for the gas appliances in your holiday home. Your dealer or gas supplier will advise you of the type of regulator required.

Note: Regulators should be kept clean and dry and changed approximately every 5 years or earlier if not working properly.

⚠**WARNING**: The regulator capacity should have a minimum rating of 3.5Kg per hour with a working pressure of 37 mbar. Never use appliances with a different working pressure.

6.5 Low pressure flexible hoses



⚠**WARNING**: Use only marked and certified hoses to BS: 3212 and which bear the year and name of the manufacturer as LPG attacks and erodes natural rubber.

Keep hose lengths as short as possible and less than 2 metres in length. All flexible hoses must be secured with proper hose clips. Make sure that the hoses are kept clear of 'hot spots' and inspect them from time to time. Replace any hose that shows signs of wear or damage.

Flexible hoses should be regularly inspected and replaced when signs of cracking or other deterioration appears. After replacement, ensure that the ends are well secured and gas tight.

✋**CAUTION**: Ensure that the hose assembly is not under stress when connected to the cylinder.

Note: Inspect flexible gas hose(s) regularly for deterioration and renew as necessary with the approved type, in any case no later than 5 years after the date of manufacture marked on the hose.

Do's and Don'ts

Do treat a cylinder with care to ensure that the valve is not damaged. A damaged valve could result in a leak.

Do use a cylinder upright. If used horizontally liquid gas could get into the supply pipes with serious consequences.

Don't attempt to disconnect a regulator from a switch-on valve (15kg and 7kg cylinders) if the flame does not go out when the regulator switch is turned off. Leave the appliance alight and call your Gas Supplier or Park Manager.

Don't subject a cylinder to heat, because the pressure inside the cylinder could build up to a point beyond the designed safety limit.

Don't store or use cylinders below ground level, because LPG is heavier than air. If there is a leak, the gas will collect at low level and become dangerous in the presence of a spark or flame.

Don't store or use propane cylinders (red) indoors. It is contained under higher pressure and should only be kept outdoors.

⚠**WARNING**: Never block ventilation grills or gas drop holes.

All appliances are fitted in accordance with specification laid down by each manufacturer and they have undertaken their own inspection of the installation and given their approvals.

Most of the branded appliances carry their own warranty and after sales support. In the event of either being required, please follow the directions of the warranty or consult your own supplying dealer. Surfaces of appliances become hot in use. Any guards provided may not give full protection to the young or elderly and vulnerable adults.

6.6 Gas safety

⚠**WARNING**: Never use a naked flame when checking for leaks.

Gas cylinder valves are of various designs depending on the type of cylinder and the use for which it is intended and it is essential that the correct pressure regulator with the correct pressure setting and capacity for the installation is used in accordance with the manufacturer's instructions.

In the case of a connection on a pressure regulator or gas appliance which relies upon a sealing washer(s) to maintain a gas tight joint, it is essential to check that the washer is present, sound and correctly positioned prior to making the connection. Where the connection relies on a metal seating or bull nose connection to obtain a gas tight joint it is essential that the mating surfaces are clean and undamaged. In no case should a damaged valve or connection be used.

Where connections are designed to be tightened with a spanner it is essential that a spanner of the correct size is used and that the union is firmly tightened (hand tightness is not sufficient). When self-sealing valves are incorporated in a gas cylinder, connections should be made in accordance with the manufacturer's instructions and tools should not be used.

Safe Use of LPG

- LPG is a heavy gas and therefore sinks to the lowest point.
- If there is insufficient ventilation a spark could result in an explosion.
- Do not store or use gas cylinders indoors, it is contained under high pressure and should only be kept outdoors and never stored below ground level.
- LPG is odourless so the manufacturers add the distinctive smell to act as a warning if a fault should occur.
- If you suspect a gas leak, extinguish all flames, turn off the gas at the bottle and ventilate the HOLIDAY HOME by opening doors, windows, and cupboards. Do not operate fans, lights or other electrical apparatus. Go outside for a few minutes and consult your park operator.
- The strong unpleasant smell of LPG will enable the general area of the leak to be detected. Check that gas is not escaping from an unlit appliance. In the case of a leak, close cylinder valve(s) and call a competent installer to rectify the fault. If a leaking gas cylinder cannot be stopped, remove the cylinder to a safe place in the open air in an upright position away from drains and any source of ignition.
- It is vitally important that you read all instructions and labels before using any appliance and keep them handy for future reference.

⚠**WARNING**: If in doubt, ask advice from a competent person.

- Do not place clothes or any other combustible material on, over or near any gas appliances, such as fires, cookers or water heaters. Apart from the fire hazard, their presence could affect the appliance and negate any guarantee.

⚠**WARNING**: Do not use appliances in any way other than their intended use. Cookers are for cooking not heating.

Note: Always remember - Gas appliances that are designed, installed and used correctly, regularly serviced, properly flued and ventilated are completely safe.

⚠**WARNING**: Never use portable cooking or heating equipment inside your holiday home other than electrical heaters that are not a direct radiant.

Note: Always use a Gas Safe registered gas fitter for any work or modification to your gas system or appliances. If an appliance is disconnected for repair or maintenance, ensure the gas line is capped off.

- The flue installation for all appliances should be inspected at least once a year, throughout its length, for corrosion. If any sign of corrosion is found it must be replaced immediately with the correct type and by a registered fitter. To inspect the gas flue, the engineer will remove the self-tapping screws which hold the inspection panel(s) at high and/or low level.

Safe Use of LPG

7. MAINS ELECTRICITY AND WIRING

7.1 Mains electricity and wiring 34

7.2 Bulbs 35

7.1 Mains electricity and wiring

The maximum current rating of your holiday home is dependent on whether it is fitted with gas and mains electric powered appliances, or mains electric powered appliances only. The maximum is usually shown as the rating of the RCD (Residual Current Device) in the consumer unit, typically 40amp or 80amp.

The mains input lead fitted during the build of the holiday home is rated at 32amps, and is fitted with a 16amp connector. The connector and possibly also the lead may have to be replaced during siting, for instance if siting a Ruisseau with the intention of making use of the 32amp output connector with a hot-tub total load is likely to exceed 16A, and may exceed 32amp.

Further to this, the electrical supply to your holiday home may be restricted so please check with your park manager before using additional appliances.

Within your holiday home the socket outlets are wired in radial circuits using 1.5mm 3 core flexi cable, lighting is wired in radial circuits using 1.0mm 3 core flexi cable, and appliances are wired in 2.5mm or flexi 4.0mm cable.

The Residual Current Circuit Breaker (RCCB) or Residual Current Device (RCD) serves as the main (& emergency shut off) switch for your holiday home. It is a safety device designed to protect you from the possibility of shocks that could arise from a faulty power pack supply, faulty appliance or a fault causing the current to run to earth.

The RCD has been factory tested for correct operation and should be tested each time you switch on the mains supply or at least once a month.

To do this:

- With the supply connected, switch RCD to ON.
- Press test button marked 'T'.
- The unit should now 'trip off' and should be reset simply switching it on again.

If the unit does not 'trip off' do not use the mains supply until the fault is corrected by consulting either your park owner or a qualified electrician.

If the unit 'trips off', other than during test, again do not attempt to use the mains supply as there is a fault which needs expert attention.

⚠**WARNING**: Never allow modifications or repairs to appliances, electrical and LPG systems except by a qualified person. Care should be taken that any additional equipment or appliances are installed in accordance with the appliance/equipment manufacturers instructions.

We recommend the electrical installation is inspected once a year by a qualified electrician and a report on its condition obtained as prescribed in the Regulations for Electrical Installations, published by the Institute of Electrical Engineers.

Common electric fault finding:

Symptom:

No mains electric working in the holiday home:

- Is the RCD and miniature electric circuit breakers (MCB) switched on?
- Is the holiday home connected to park supply?
- Is the park supply switched on?

If a master override switch is fitted near the entrance door, is this in the on position? (**Note:** this switch would only affect lighting)

Symptom:

The RCD or MCBs trip out after the HOLIDAY HOME is switched on at the park supply.

- Disconnect appliances in the HOLIDAY HOME and reset MCBs.



Symptom:

If the RCD and/or MCBs still trip out.

There is a fault on the electrical circuit or the circuit is overloaded. Consult your park owner or qualified electrician before using mains supply.

Symptom:

The RCD or MCBs do not trip when tested.

There is a fault on the electrical circuit. Do not use the mains supply until the fault is corrected. Consult your park owner or qualified electrician.

7.2 Bulbs

Both 230v and 12v lighting systems are present in your holiday home using a variety of types of ratings (wattage) across both systems.

CAUTION: It is important to fit the correct rating of light bulbs - the voltage, and maximum bulb rating that can be used, will be stated on each light fitting.

Note: LED lamps, in the unlikely event of a failure will require the replacement of the entire light fitting.

8. HEATING AND THERMAL PROPERTIES, CONTROL SYSTEM

8.1 Central heating and hot water system 38

8.2 Thermal insulation 38

8.3 Radiator valves 38

8.4. Plinth heaters (Alizee) 38

8.5 Electric Towel rails 38

8.6 Swift Command 40

8.1 Central heating and hot water system

Note: Please read the user instructions.

⚠**WARNING**: The boiler can produce water at over 80°C when in central heating mode. If you run a hot tap when the boiler has been heating the radiators, the initial flow through the hot tap could be very hot. Do not place your hands under the tap or use the shower until the initial flow has passed.

⚠**WARNING**: Your boiler can heat the radiators at over 80°C. Please do not place your hands or any other part of your body on the radiator as injury could result.

8.2 Thermal insulation

The thermal grading of your holiday home has been calculated in accordance with EN 1647 and is Grade 3 when fitted with central heating and double glazing or Grade 1 when without central heating and/or double glazing.

The definition of Grade 3: A caravan holiday home, including windows, doors and roof lights in which the average thermal transmittance (U) of the elements shall not exceed 1.2 W/(m2.K).

An average temperature difference of at least 35°C between inside and outside temperatures shall be achieved in lounge, dining room, kitchen and bedrooms, when the outside temperature is -15°C

The definition of Grade 1: A caravan holiday home, including windows, doors and roof lights in which the average thermal transmittance (U) of the elements shall not exceed 1,7 W/(m2.K).

There is no heating for this grade

8.3 Radiator valves

When radiators are present, thermostatic radiator valves (TRV) are fitted to all lounge, dining and bedroom radiators, to control the room temperature.

8.4. Plinth heaters (Alizee)

Plinth heaters (and electric towel rails) will be connected to switched fused spurs, local to each heater. Read user instructions for each plinth heater and its controls, then ensure fused spur's are switched ON before using controls.

8.5 Electric Towel rails

⚠**WARNING**: Electric towel rails are designed solely for drying towels that have been washed in water. It is intended for domestic use only.

⚠**WARNING**: Do not use the towel rail with any materials other than towels intended for drying. Keep away combustible or flammable materials or pressure vessels (e.g. spray cans, fire extinguishers) on or near the towel rail. The towel rail should never be covered in its entirety.

⚠**WARNING**: It is advised that children of less than 3 years should be kept away from the towel rail. Children under the age of 8 years must not operate the product or its controls including persons with reduced physical, sensory, or mental capabilities or lack of experience.

⚠**WARNING**: Hot Surface
The surface of the towel rail may become hot during operation. Contact with hot surfaces may cause burns.

⚠**WARNING**: Children and persons with reduced physical, sensory, or mental capabilities or lack of experience may be more susceptible to burns and should be appropriately supervised when in the vicinity of the product.

⚠**WARNING**: Do not touch the towel rail and its controls whilst using the shower / bath and wash basin or if you have wet hands / feet or the towel rail has come in to contact with water or other fluids. Disconnect from power and allow to dry completely.

Frost Protection and Maintenance

This towel rail is a maintenance-free product and is designed to withstand temperatures down to -9°C.

To ensure safe and reliable operation, the holiday home must maintain a continuous electrical supply throughout the year whilst using the frost protection mode. This allows the towel rail's frost protection programme to operate and helps prevent damage caused by freezing conditions.

⚠**WARNING**: In the event of frost damage or any other damage resulting in a fluid leak, immediately isolate the product from the electrical supply and contact a qualified professional for assistance. The internal fluid is hazardous and harmful and should not come into contact with skin, eyes, or be ingested. In the event it does contact medical assistance immediately. Prevent access to the affected area until the leak has been safely addressed.

Product Integrity

⚠**WARNING**: Do not tamper with, modify, or attempt to repair the product. Unauthorised modifications may invalidate the warranty and could result in injury or damage.

Further important information to read

These instructions have been designed to be read in addition to and with the full towel rail User and Installation instructions which are contained within the holiday home. Please carefully read these to familiarise yourself with the product to ensure its safe operation.

8.6 Swift Command

The Holiday Home Command / Connect system when fitted, includes a touch screen control panel, and remote web-app access.

The control panel and web-app enable:

Monitoring of internal and external temperatures, as well as internal humidity.

Monitoring of electrical consumption

Instantaneous control and timer program control of the heating system, when used with the Morco GB24 and GB30 LPG Combi boilers.

Control of exterior lighting, typically the exterior light near the main entrance door.

Remote notifications

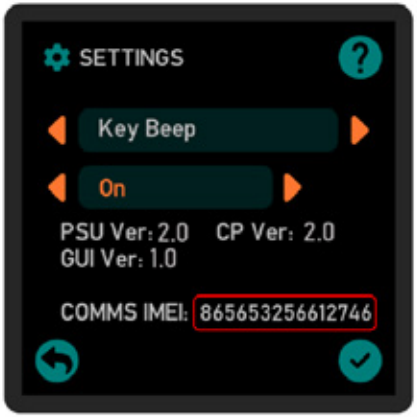
For use of the control panel, please see the user instructions supplied with the holiday home.

To obtain web-access, please register your holiday home at www.hhconnect.co.uk

Holiday Home Connect

Please note you will need the following information from the holiday home to complete the registration:

1. The IMEI number from the settings page of the control panel (See below).
2. The build / chassis number of the holiday home, often visible on paperwork relating to the purchase of the holiday home, but also present on the chassis plate, attached to the exterior of the holiday home. This number will be in the format of 6 digits and 1 letter, example 047599H.
3. Your email address, name, and the location of the holiday home
4. The above details can also be emailed to technical@sargentltd.co.uk



9. APPLIANCES

Appliances

⚠**WARNING**: Please read and understand all operating instructions provided by each manufacturer before using any appliance. You should not use any appliance before reading the manufacturer's instructions.

Most of the appliances supplied with your holiday home has an instruction leaflet issued by the manufacturer which you will find either with the appliance or placed inside the welcome pack.

If one cannot be found, please notify your park/supplier who will write to the appliance manufacturer on your behalf or give you their name and address if you wish to make contact with them.

Gas oven and Grill

Please read the user instructions provided before using the oven and grill

Gas hob

Please read the user instructions provided before using the hob.

Cooker hood

Please read the user instructions provided before operating or changing the filter.

Fridge/freezer

Please read the user instructions provided before using the fridge/freezer.

⚠**WARNING**: Like the majority of domestic fridge/freezers sold in the UK your fridge/freezer is designed to operate within an ambient temperature range of 16ºC and 32ºC. If the ambient temperature falls below 16ºC the appliance compressor will not operate as often resulting in the temperature in the freezer compartment rising. If this is for an extended period of time there is a possibility of some of the freezer contents defrosting. If the temperature drops below 3ºC the appliance will not operate at all and the freezer compartment will defrost. (Unless the ambient temperature is below -9ºC). Therefore, if the holiday home is left unoccupied and without heating, and the ambient temperature within the van is likely to fall below 3ºC, we would recommend that the fridge/freezer is emptied, cleaned and switched off until such time as the ambient temperature rises to within the normal operating range.

Royan only

If the optional fridge/freezer has not been selected, space has been provided via a 570mm x 1950mm aperture next to the boiler cupboard to fit a mains powered fridge using the 230v socket provided.

Please ensure the installation requirements of your chosen fridge are followed.

Microwave oven

Please read the user instructions provided before using the microwave.

⚠**WARNING**: Before undertaking any maintenance or cleaning, disconnect from the power supply. Only competent persons should service/repair appliances.

CAUTION: To prevent scratching of the front screen, this appliance should be cleaned with soapy water and a damp cloth only. Due to the nature of stainless steel it picks up finger marks easily, the trim should always be cleaned with a cleaner that is suitable for stainless steel.

Electrical lounge fire/heater (if fitted)
Please read user instructions provided

⚠**WARNING**: Before undertaking any maintenance or cleaning, disconnect from the power supply. Only competent persons should service/repair appliances.

Note: To prevent scratching of the front screen, this appliance should be cleaned with soapy water and a damp cloth only. Due to the nature of stainless steel it picks up finger marks easily, the trim should always be cleaned with a cleaner that is suitable for stainless steel.

For lamp replacement and fault finding please consult the user instructions.

Electric Fire / Stove heater

Please read user instructions before using the heater

Dishwasher (if fitted)

Please read user instructions before using the dishwasher.

Wine cooler (if fitted)

Please read user instructions before using the wine cooler

Hob extractor (if fitted)

Please read user instructions before using the hob extractor.

Washing machine (if fitted)

Please read user instructions before using the washing machine.

10. COOKING

Gas oven / Grill / Hob

Accessible parts may be hot when the oven, grill or hob is used. Remember, it is dangerous to use an appliance without reading the manufacturer's instructions.

Cooking Equipment - Be Safe Not Sorry

- When you are cooking, keep children away from the vicinity of the appliance.
- Keep all flammable materials (such as curtains, furnishings and tea towels) away from the appliances.
- Do not allow fat to build up in a grill pan, this creates a fire hazard.
- Do not use the oven with the door inner glass panel removed (glass oven doors only).
- Parts of the appliance may be hot during or immediately after use.
- Allow sufficient time for appliance to cool after switching off.
- Do not drape tea towels over flue vents as this creates a fire hazard.
- Be careful when opening the oven door as steam may escape from the oven.
- Use oven gloves when removing hot food utensils from the oven or grill.
- Do not use foil on the hob or to line oven shelves / grill pan, or allow it to block the oven flue, as this creates a fire hazard and hinders circulation
- When cooking heavy items, e.g. turkeys do not pull the oven shelf out with the item still on the shelf.
- If the cooker has a storage compartment below the oven, this should only be used to store oven furniture.
- Do not store any flammable materials in this compartment.
- When cooking with fat or oil, never leave unattended.
- Turn pan handles inward so they are out of reach of children and cannot be caught accidentally.
- Use pans with a flat base of minimum 100mm/4ins diameter, and a maximum 230mm/9ins diameter which are stable in use.
- Avoid using double pans, any old misshapen pans or any pan that is unstable when placed on a flat surface.
- Position pans over the centre of the burners.
- Do not allow pans on the burners to rest against side or rear splash backs.
- Glass hob lids may shatter when heated, turn off all burners and allow to cool before lowering.
- Never use the appliance for heating a room. When you have finished cooking check that all controls are in the off position.
- Open Kitchen window slightly when cooking for long periods of time, to allow any build up of steam to disappear.

11. BLINDS

Blinds

Where appropriate blind cord cleats are provided, please ensure cords are safely secured out of reach of small children at all times.

⚠**WARNING**: Always keep Venetian blind cords secured safely out of reach of small children.

⚠**WARNING**:

- Young children can be strangled by loops in pull cords, chains, tapes and inner cords that operate the blinds.
- To avoid strangulation and entanglement, keep cords out of the reach of young children. Cords may become wrapped around a child's neck.
- Move beds, cots and furniture away from window covering cords where possible and always use the cleats provided to store the cords.
- Do not tie cords together. Make sure cords do not twist and create a loop.

12. BEDS

12.1 Pull out sofa bed (where fitted) 50

12.2 Bunk beds (where fitted) 50

Beds

12.1 Pull out sofa bed (where fitted)

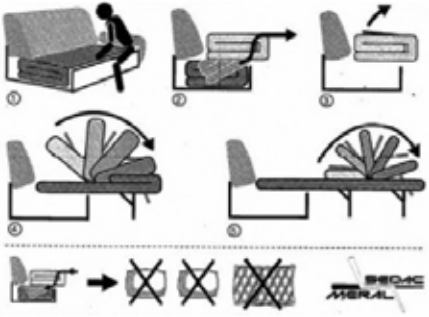
Take care when unfolding the bed as some components are spring loaded to assist with its function.

Remove the cushions from the seat and lift up the seat base and store safely to one side.

Unfold the bed by lifting the front edge of the bed. See diagram below.

Unfold the bed ensuring that the legs are fully pulled out.

Remove all bedding except for the mattress when folding the bed away.



⚠**WARNING**: Care must be taken when using a Pull-out bed in close proximity to the space heater.

12.2 Bunk beds (where fitted)

⚠**WARNING**: If upper bunks are fitted, care shall be taken against the risk of fall out when the upper bunks are in use by children especially under 6 years of age, these bunks are not suitable for use by infants without supervision. Always ensure that the fall out protection is in place when the bunk is in use. See bunks in the safety section.

⚠**WARNING**:

Use high level bunks for sleeping only, with protection against falling out in position.

Protection boards must not be climbed over or used to access the bunks.

13. GENERAL CARE

13.1 Galvanised Chassis 52

13.2 External structure 52

13.3 Blockages 52

13.4 Exterior panels 52

13.5 Door and windows 53

13.6 Alignment and adjustment of exterior doors 55

13.7 Kitchen and bathroom 59

13.8 Cleaning 61

13.9 Furnishings 61

13.1 Galvanised Chassis

Your holiday home chassis is hot dipped galvanised, a method used for many years throughout the automotive industry and widely regarded as one of the best forms of corrosion protection.

When the steel is withdrawn from the galvanising bath it has a clean, bright surface which over a period of time changes to a dull grey colour as the surface zinc reacts with oxygen, water and carbon dioxide in the atmosphere to form a tough, stable, protective layer.

During this time, if galvanised items are stored in damp or wet conditions, where there is little or no air movement, then the zinc will continue to react with the moisture that is present. In doing so the zinc will produce excessive amounts of zinc hydroxide which is a bulky white deposit on the surface of the galvanising and is often referred to as wet storage stain (white rust).

You can help to prevent wet storage stain (white rust) occurring by washing the chassis with clean water as soon as it is delivered allowing an adequate flow of dry air to ensure it dries out.

Should wet storage stain (white rust) occur it can be removed using a stiff bristle brush or a "Scotchbrite" pad. Because of its post process nature "Wet Storage Stain (white rust)" is not covered under Warranty procedures.

13.2 External structure

Regularly carry out visual inspections for damage to panels, gutter and other external features. Signs of damage, leakage and movement should be repaired as necessary.

⚠**WARNING**: For the Cleaning, Inspection and maintenance / repair of roofs we recommend it is carried out by a suitably competent professional contractor. If access to the roof is necessary then this should be properly planned, supervised and carried out by competent people with the skills, knowledge and experience to carry out this activity. The correct equipment must always be used.

Note: The roof should be inspected for leaks and rectified as necessary.

⚠**WARNING**: Ensure that all necessary working at height safety precautions are in place before climbing onto the roof.

CAUTION To avoid damaging the roof, use a 15mm or thick sheet of plywood or similar which must be wide enough to span over two roof spars (approximately 600mm centres). A sheet 1220mm x 1220mm (4'x 4') should be suitable when positioned carefully on the roof.

13.3 Blockages

If you have a waste water or toilet blockage, the first thing to check is that the site main drainage is clear as any blockages here could back-up to your holiday home. If it is clear and you have a toilet blockage we would recommend that you call a plumber, unless you are aware of what could have caused the problem and are competent to address the problem. If it is a waste blockage, you should first check and clean out traps situated under the sink, basin and shower tray (if fitted). If you still have a blockage, then it must be in the feeder pipes to the main sewerage pipes or the main sewerage pipe. You should consult a plumber or your park officer at this stage unless you are competent to do the job.

13.4 Exterior panels

Aluminium panels

The aluminium exterior of your holiday home is pre-painted, oven dried aluminium sheet and is very easy to keep clean. The cleaning method recommended is to wash down with plenty of clean water and very mild detergent.

An occasional polish with a good quality wax will help obtain a high gloss finish. Under no circumstances should an abrasive or harsh cleaner be used. Stubborn marks, such as bird soiling, grease etc. can be removed by rubbing with a soft cloth dampened with White Spirit.

Aluminium panels will expand in direct sunlight as the panels heat up. This is normal and they will contract back as the temperature lowers.

⚠**WARNING**: Do not use abrasive or acidic chemicals to wash your holiday/park home.

CanExel panels

CanExel prefinished panels are produced from wood fibre, resin, and wax fused under pressure.

This engineered wood panelling is highly stable, as well as highly resistant to moisture with a finish consisting of five coats of baked-on paint and a sealer top coat.

The cleaning method recommended is to wash down with plenty of clean water and very mild detergent.

An occasional polish with a good quality wax will help obtain a high gloss finish.

CAUTION: Under no circumstances should an abrasive or harsh cleaner be used.

Stubborn marks, such as bird soiling, grease etc. can be removed by rubbing with a soft cloth dampened with White Spirit.

Small scratches and other minor damage can be repaired with the use of CanExcel retouching paint (Details can be found at www.canexel.co.uk

⚠**WARNING**: Do not wash your holiday home with a high pressure washer as these can permanently damage the exterior panels and seals.

13.5 Door and windows

Operation of door locks

To unlock the door from the outside, insert key and turn anticlockwise, pull on the handle. To lock, push the door to the closed position so that the first stage lock engages. Lift the handle upwards to engage the extra security roller locks, insert the key and turn clockwise to engage the deadlock.

Operation of window night vents

The window frame will have been fitted with a secondary keep within the rebate. You can close the handle to locate the spur inside this keep, which will lock the window but allow a level of ventilation.



Fully closed



Night vent position

Door and window handles

Apply silicone spray and wipe off excess with a soft cloth.

Lock cylinder

Lubricate with PFTE (union part no. 9075) or similar. Apply the key flutes, insert the key and operate several times to ensure even distribution. Latch, dead bolt and roller locks. Apply petroleum jelly/Vaseline. This acts both as lubricant and water repellent.

Doors and window hinges

No lubrication is required, smear with Vaseline to protect against water.

Window friction stays

Protect with a mild detergent oil or a very light lubricant, use sparingly as oil does attract dirt.

Note: The recommended maintenance is to lubricate every 6 months.

Minimum recommended cleaning intervals:

Monthly: Frames, door and window furniture. Wash with warm water and a mild detergent. It is important to ensure that all dirt and debris is regularly removed from the internal rebate of door and windows. Cleaning cloths should be in-bleached cellulose/cotton material. Do not use cloths containing synthetic fibres.

Note: Make sure that you follow all the recommendations and cautions supplied with the product.

General Care

Repairs

On white profiles only, stains and scratches can be removed by sanding and polishing. Use a 320/400 grit sanding disc and polish using sisal rotary brush to bring back the surface finish.

Note: It is important that you achieve a smooth even finish before beginning the polishing stage.

On wood grain surfaces, care should be taken when cleaning. Any white areas showing as a result of damage or cleaning can be retouched using a wood grain marker pen. If you have a breakage or a crack please contact your nearest glazier. Handle any broken glass with care and dispose of with safety of others in mind.

Do's and don'ts for UPVC products

Do

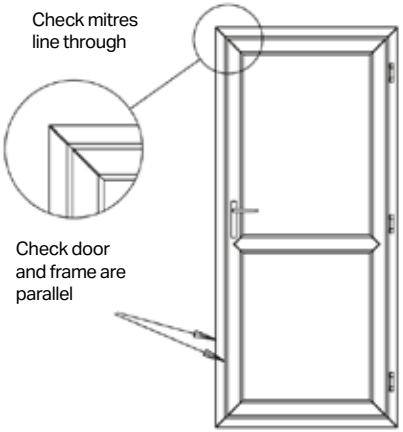
- Clean the glass regularly with a good quality liquid spray glass cleaner.
- Frequently wash down the UPVC with plenty of warm soapy water (use liquid general purpose cleaner) and wipe dry.
- Only use cleaning materials which do not impair anti-corrosion properties
- Use cream cleaner for isolated stubborn stains on white UPVC only. Apply with a damp cloth using minimal pressure
- Ensure drainage slots are kept unblocked and free from dirt, spider's webs, etc.
- Keep all tracks clear of dust and debris in order to reduce the wear on sliding parts.
- Ensure that all gutters and their outlets are kept clear of leaves and debris to maintain efficient operation
- Replace damaged or worn parts with original parts by an authorised specialist.

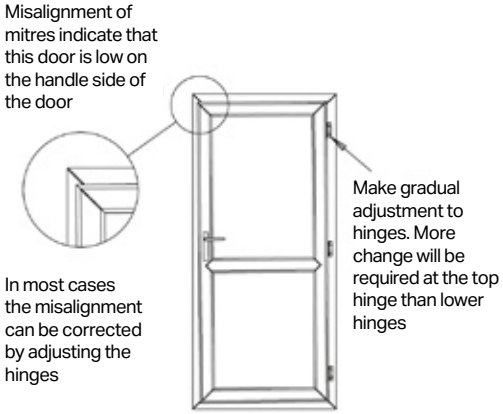
Don't

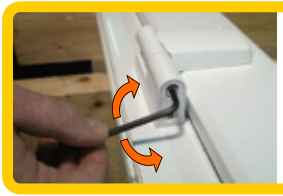
- Use cleaners on any UPVC.
- Use abrasive paste or cream
- Use excessive pressure when cleaning UPVC
- Use high pressure or steam cleaners.
- Use any type of bleach, solvent (e.g., white spirit, methylated spirits, and nail varnish remover) or adhesives.
- Use any unspecified tools.
- Use any abrasive papers, such as sandpaper.
- Use abrasives or brass cleaner on furniture: handles, door knockers, letter plates.
- Use excessive loads on the windows and doors.
- Fail to maintain the product as indicated.
- Paint or try to remove paint.
- Lean ladders against guttering.

13.6 Alignment and adjustment of exterior doors

If the entrance door becomes misaligned the hinges can be adjusted to bring the door back into alignment. The lock keep can also be adjusted to ensure that the lock engages correctly.







Compression Adjustment

+/- 1.5mm

4mm Allen Key

- Rotate the Allen Key Clockwise or Anti-Clockwise to give the required compression setting.
- Ensure compression is evenly distributed across all hinges.

Note: In rotation positive "click" positions are felt - (2 in each direction from the central position).



Height Adjustment

+ 8mm
- 0

5mm Allen Key

- Rotate the Allen Key Clockwise give the required height setting.
- Ensure that the weight of the door is evenly distributed across all hinges.



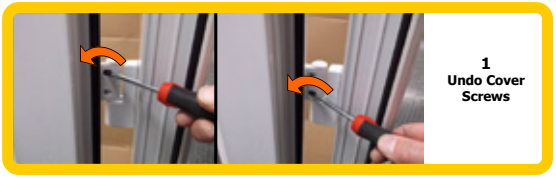
Lateral Adjustment

+/- 6mm

5mm Allen Key

- Rotate the Allen Key Clockwise or Anti-Clockwise to give the required lateral setting.
- Ensure even distributed across all hinges.

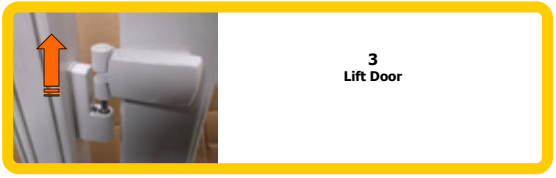
Removing the Door



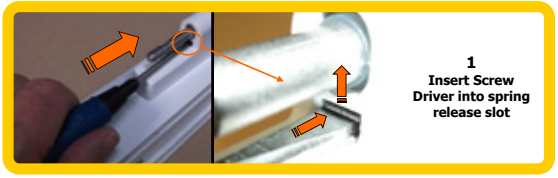
- Open the door to access the Cover Retaining Screws. These are self retaining screws therefore to release the cover the screws must be completely unscrewed however the screws do not come out.



- Pull the cover out towards the centre of the door. On release a click will be heard. If the cover does not open by hand a screw driver can be used behind the knuckle to gently assist opening. Repeat stages 1 and 2.



Removing the Hinge Body



- Insert a flat end screw driver into the slot found behind the pivot pin. The screw driver must be inserted under the leaf spring in order to lift the leaf spring up (i.e. away from the door frame).

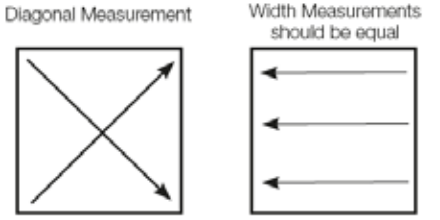


- Insert a 4mm Allen Key into the Hex Slot in the bottom of the Pivot Pin. Ensuring that the Screw Driver remains in place, tap the Allen Key into the Pin until the Hinge Body starts to slide off the Frame Mount.



- Once the Hinge Body starts to separate from the Frame Mount it will slide off easily.

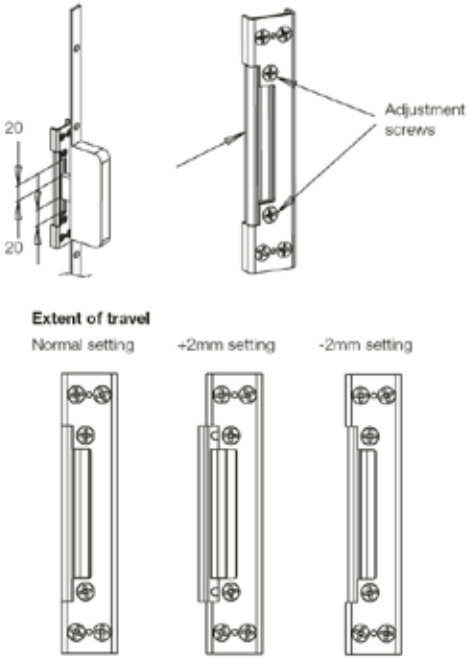
Note: Adjusting the hinges will not compensate for a door aperture and frame that are out of square. If The Diagonal measurements shown vary by more than 5mm or the width measurements vary the Holiday Home should be levelled or the frame installation corrected. The hinges can then be used to fine tune the door operation. Any adjustment should normally be made to all hinges; otherwise the door vent could become twisted.



Lock keep adjustment

The Lockmaster 3 Deadlock System as illustrated to the right is a locking mechanism developed specifically for the leisure home market. Each of the deadlocks and the latch have +/-20mm vertical movement to aid locking during manufacture, transport and siting. In addition, both the top and bottom keeps and the centre latch have +/-2mm of lateral adjustment to aid site fitting.

To adjust the latch and keep plates use a No 2 Phillips screwdriver to release the adjustment screws and move the plate to as required. Please note that the plate and body of the keep assembly have serrations to help them lock together upon tightening of the screws.





13.7 Kitchen and bathroom

Toilet/shower room

Thermostatic mixer valve (shower)



The Thermostatic Mixer Valve accurately controls the temperature of water for showering and will maintain the pre-set temperatures if the water pressure varies when other appliances are used. This significantly reduces the risk of scalding when showering.

CAUTION: All Thermostatic Mixing Valves (TMV's) must be carefully protected against frost damage and should be removed or correctly drained down during months in which frost may occur.

Function

Hot and cold water entering the valve is mixed to a temperature pre-selected by the user or installer which is achieved by a thermally sensitive mechanism within the valve that proportions the amount of hot and cold water entering it. The mechanism then automatically compensates for any variations in supply pressures or temperatures to maintain the pre-selected temperature.

Note: In the event of cold water supply failure, the thermostatic mixing mechanism will automatically shut down the flow to prevent discharge of dangerously hot water.

Operating pressure:

Dynamic pressure:

Min: 0.5 Bar

Advisable: 1 Bar

Max: 5 Bar

Static pressure:

Max: 10 Bar

Valves operating outside the above conditions of use cannot be guaranteed to operate as Type 2 valves.

The valve is designed for use as a high-pressure valve and is tested against BS EN 1111.

If a water supply is fed by gravity then the supply pressure should be verified to ensure the conditions of use are appropriate for the valve.

Note: In order to ensure the maximum efficiency of the mixer, the operating pressures (on hot and cold line) should be kept as balanced as possible and the inlet hot water must be at least 10°C above the required blend temperature.

When pressure is higher than 5 bar a pressure reducer is required to be fitted before the mixer.

Drain down procedure

1. Close hot and cold mains feed taps.
2. Remove the shower hose from the mixer or lay the showerhead and hose in the shower tray to drain off any trapped water.
3. Turn bottom tap valve fully open
4. Turn the top thermostat valve fully clockwise to drain cold water, until water stops flowing.
5. Push in the red temperature set button on the top thermostat valve and turn fully anticlockwise to drain the hot water side until the water stops flowing.

Protecting your Thermostatic Mixing Tap

In addition to draining down the Thermostatic Mixer Tap in periods of cold and freezing conditions, to offer maximum protection it is highly recommended that the Thermostatic Mixer Tap is further protected by following the method outlined below:

First complete the drain down procedure ensuring the hot and cold feeds are isolated and fully drained.

Using an allen key, remove the mixer body from the tails by releasing the grub screws taking care not to misplace these.

The unit can then be completely drained, dried and wrapped in a soft cloth for storage away from frost until required.

The Thermostatic Mixer Tap can then be re-attached as follows;

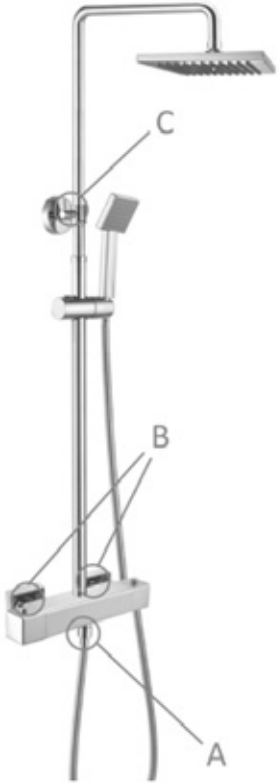
Re-fit body to the tails and tighten the grub screws, take care not to over tighten.

Re-connect to the water supplies and check seals.

Note: If after the drain down procedure the Thermostatic Mixer Tap is to be left for long periods in cold or freezing conditions, leave the tap open and line up the ridge on the thermostat hand wheel with the letter "H" etched on the tap body.

Drain down procedure (fixed shower head)

1. Close hot and cold mains feeds using the isolating valves.
2. Remove the shower hose (A) and drain the hose and head or lay the hose and head down in the shower tray to drain any excess water.
3. Loosen the grub screw (C) to disconnect the fixed head from the wall.
4. Loosen the two inlet nuts (B) at back of the shower and disconnect the valve from the wall.
5. Remove the whole unit from the wall, face the inlet valves face down over the shower tray until the water stops running.
6. Once the water is drained reverse the process to reconnect the shower back to the wall.
7. Let the water drain out of the valve into the shower tray.



Protecting your bath thermostatic mixer valve (where fitted)

In addition to a shower Thermostatic Mixer Tap, if your holiday home has a bath fitted there will be a TMV fitted to regulate the water temperature to the bath. This should be removed or correctly drained down during months in which frost may occur.

13.8 Cleaning

Shower mixer & taps

All surface finishes will wear if not cleaned correctly. The safest way to clean your mixer or tap is using warm soapy water and a cloth. To dry use a soft cloth. Stains can be removed using washing up liquid. Most bath cleaning powders and liquids will damage the surface of your fitting even the non-scratch cleaners.

Bathroom fittings

High quality plastics are used in the construction of the shower room fittings. Never pour very hot or boiling water directly onto the basin or onto the shower tray - always add cold water first.

Plastics can be cleaned using a very mild detergent in tepid water. Never use abrasive cleaner or chemical cleaner.

Note: It is important not to pour hot water directly into or onto any plastic.

Always start with cold water and add the hot to achieve the desired temperature.

The shower cubicle and sanitary ware should be cleaned with detergent and warm water.

⚠**WARNING**: Never use abrasive cleaners.

Shower room Radiators

To prevent corrosion of Bath/shower room radiators:

- Ensure all ventilation is not obstructed and allows free movement of air in the shower room
- Clean the towel rail regularly with mild detergent.
- Do not use abrasive cleaning materials and strong chemical cleaners on the paint of the towel rail
- Avoid hanging heavily soaked garments (especially salty or chlorinated ones from use in the sea or Swimming baths) on the towel rail.
- Check the antifreeze and inhibitor levels ensuring adequate protection is achieved.
- Address leaks promptly to ensure they don't come in to contact with the metal surface of the towel rail.

Kitchen

The kitchen worktop, sink, drainer and cooking equipment surfaces should only be cleaned with hot soapy water, unless the appliance manufacturer says otherwise in their own literature. Do not use abrasives or wire wool.

The inside of ovens should be cleaned in accordance with the instructions contained in the manufacturer's leaflet.

13.9 Furnishings

Upholstery care

Cleaning

Dust, dirt and grit should be removed frequently as this will affect the durability and colour of the fabric.

Note: Please vacuum and brush your furniture frequently.

Spills and stains

Always deal with stains immediately. In the first instance remove excess with a soft absorbent cloth or white paper tissue.
Cleaning instructions will vary according to the type of fabric you have selected.

If the stain cannot be removed with this method then professional cleaning will be required.

Creasing

All fabrics are likely to crease, particularly on the arms and cushions. This is not a fault, but a natural feature, and will not affect the fabric's wearing qualities.

We strongly advise against washing any fabric, if in doubt, consult professional cleaning specialists.

General Care

General care for wooden furniture

This furniture is made from wood and wood veneer. These natural unique materials exhibit variations in colour, patterns and grain which define the beauty of the product.

Following these basic steps will help you protect your furniture and increase its longevity.

- Do not use abrasive detergents or powders. Dust with a clean lint free cloth. - Frequent dusting will remove abrasive build up which can damage a finish over time.
- Do not expose your furniture to direct sunlight- Excessive exposure to sunlight can cause fading of your furniture.

  -Ornaments placed on the furniture surface should be periodically moved to avoid shading.
- Never place household heating appliances or hot objects directly on the furniture surface.

  - Always place heat resistant coasters between your furniture and hot object to protect your furniture.
- Do not place your furniture near a heater, heat, dampness or moisture generating appliance,
  - Extreme temperature and humidity changes can cause cracking and splitting.
  - Some movement may be expected depending on environmental conditions.
  - If the air is dry, some cracking may appear due to shrinkage. This will disappear when the moisture content increases.
- Do not expose your furniture to any liquids- All liquids should be wiped up immediately with a soft, slightly damp cloth in the direction of the wood grain. If sticky liquid residues do occur, they may be removed with a dilute solution of warm soapy water followed by a clean damp sponge. The area should then be wiped immediately in the direction of the wood grain with a clean, soft white cloth until completely dry.

CAUTION: Please do not strike, hit or stand on the furniture.

Furniture is designed and built for its intended purpose.

- When writing, use a mat to protect the table or desk surface.

- When removing furniture, please lift, do not drag. Protect the surface and corners from knocks & scratches. - Take care when handling. Obtain assistance if necessary.
  - Once in place make sure it stands level to smooth opening of the doors and running of the draws.
- Furniture containing glass - Do not use abrasive cleaners to clean glass surface, use a damp cloth with either washing up liquid or soft soap.
  - Do not place heavy objects on the glass surface. Do not strike the glass with a sharp object.
- Any assembly required should follow the sequence of the steps in the assembly instruction sheet. - Please retain assembly instructions and hardware for future reference and use.
- If furniture is dented or scratched at any time during use, this can usually be repaired by a qualified technician. Please contact your retailer.
- With proper care, this furniture will give you many years of use.

During transportation, internal cupboard doors may shift and require readjustment once the holiday home is set up. Scan the QR code below to access a tutorial video on how to make the necessary adjustments.

Internal walls

All internal walls with an external side should be visually checked for damp and repaired as necessary.

Surface protection

Never use a knife or sharp instrument directly on worktops or unit surfaces.

External aerial positioning

Fixing blocks for TV aerial positioning have been installed and are identified on the exterior rear wall of the Home (commonly on the right of the rear).

If customers or fitters wish to use an alternative positions on the van they must ensure that the position is away from any vertical drops of internal wiring in the wall and confirm there is support structure within the wall.

⚠**WARNING**: To reduce the risk of drilling or screwing into an electrical cable hidden with in the wall, do not drill or screw into the standard cable safe zones for electrical wiring on interior and exterior walls. These are the areas where concealed cables could be run.

13.11 Aqua Shield Technology (Where fitted)

Sofa fabric fitted to some Swift Group products is a luxury stain resistant and durable fabric using Aquaclean® technology. This is a revolutionary fabric treatment that allows you to clean stains using water only. This provides you with simple fabric maintenance in the minimum amount of time.

Cleaning Instructions

Aquaclean® helps to remove the majority of household stains (wine, ink, sauce, fat, mud, chocolate, cream, etc.) in three simple steps:

For further details and stain cleaning demo videos visit the Cleaning Gallery on the Aquaclean® web site: http://www.aquaclean.com/ES_en/home.

Aquaclean fabrics cannot accept any responsibility for misuse of the fabric by allowing bleach or dissolvent substances coming into contact with it.

Heat and light

Never leave your furniture in direct contact with or too close to a heat source, e.g. a space heater. Avoid standing the furniture permanently in direct sunlight as the fabric colour may fade.

Carpet

Any proprietary carpet cleaner may be used, but it is recommended that you do not use excessive amounts of water.

Vinyl floor covering

Proper care of your floor prevents damage, extends its life and keeps it looking new for years.

Always vacuum or dust hard floor surfaces before mopping. Vinyl floors generally require only warm water for cleaning

Vinyl flooring risks being stained by in-ground dirt if they are not cleaned regularly.

- Avoid using waxes or polishing products
- Do not use rubber protectors on the feet of chairs and furniture. Use plastic protectors instead.
- Put rigid floor protectors beneath the feet of heavy pieces of furniture to prevent the formation of permanent indentations.
- Some materials or colourants such as tar, grease, oil, dyes, waxes, ballpoint or marker inks etc. may under certain conditions migrate into the wear layer and cause indelible stains.
- Natural or intense artificial light causes a whitening effect on all floor coverings. This phenomenon becomes visible in comparison to those areas covered by rugs or furniture, which appear yellower. This yellow effect disappears after a few weeks when these areas are once again exposed to light and the whitening effect appears.

General Care

The use of a doormat without a rubber backing is recommended for doorways leading to the exterior, in order to protect the surface of the floor covering from grit and abrasive particles brought in on the soles of people's shoes.

Regular maintenance:

Daily cleaning: using soft dry broom or vacuum cleaner.

Weekly cleaning: using neutral detergent in water with fringed mop or floor cloth.

Furniture

Use a damp cloth to remove finger marks, etc. or an all-purpose spray cleaner or a good quality furniture oil. Abrasive cleaners should not be used.

It is recommended that cupboard catches, stays, sliding bolts and hinges are kept clean and lightly oiled or smeared with petroleum jelly.

14. SECURITY

14.1 Protecting your holiday home and possessions 66

14.1 Protecting your holiday home and possessions

Windows and doors

Always close and lock windows and doors when leaving your holiday home, even if only for a few minutes. Consider fitting additional locks wherever necessary; ask your park/distributor/dealer for details on security locks.

Note: It is very important, however, that any additional locks fitted to designated escape routes (i.e. door(s) and windows) are immobilised during occupation so that your escape remains unhindered.

Gas Cylinders

Keep them chained together and fastened to the substructure of your holiday home. Always use a good quality padlock.

Lights and alarms

Many devices, both battery powered and electrical, are available to the DIY enthusiast. A light inside your holiday home at night suggests it is occupied.

Electricity triggered to turn on as darkness falls or battery operated with a time switch, the light will help deter thieves. Ask your park/distributor/dealer for details on electrical intruder alarms.

Marking your property with your postcode and house number would help the police identify the owners of stolen goods. Advertising the fact that your property is so identified may act as a deterrent. Property can be marked by etching, die-stamping, branding, engraving or by using a security marker pen.

Organise yourselves on the park site so that everyone keeps an eye open for strangers or anything suspicious.

Report any unusual activity to the park manager or the police.

When your holiday home is left unattended for long periods, take any extra precautions and remove any items that are valuable or portable.

Note: Holiday homes on parks are vulnerable not only in summer but also in winter.

For free crime prevention advice about securing your holiday home, protecting your valuables or property marking either at home or whilst on park, contact the Crime Prevention Officer through your local police station.

15. WINTERISATION

15.1 Winterisation 68

15.2 Condensation 69

15.1 Winterisation

The following items are the procedures for preparing your holiday home for winter storage which virtually all apply whenever the unit is to be unoccupied for any long period when frosts can be expected.

a. Turn off LPG supply at the cylinder and remove regulator and hose for storage inside. Ensure that the open gas inlet is protected against entry of dirt or insects.

b. Turn off mains water stop tap.

c. Drain off fresh water outlets on the underside of the holiday home always located under the central heating boiler or water heater and are identified as red and blue pipes.

CAUTION: Do NOT drain the white central heating pipes. It is a sealed system protected by an anti-freeze solution.

d. Open all hot and cold taps.

e. Drain off the water heater and domestic water part of the water boiler as per the user instructions for the water heater / boiler supplied with the holiday home.

f. Thermostatic Mixer Valves require full protection from frost, they should be removed or drained correctly. Refer to the Thermostatic Mixer Valve instructions in the Kitchen and Bathroom section of this Handbook.

g. To Flush out the system using a small Air compressor is recommended.

h. Ensure the drain valve is closed on the boiler before starting process. Do not drain the boiler/ radiator

i. Ensure the inlet and the end of the compressor nozzle are clear from debris.

j. Locate the water inlet and insert the nozzle of the compressor in its place in to it ensuring a tight seal is created. Refer to manufactures instructions.

k. Open the kitchen tap first then proceed around the van and open all Taps and water outlets within.

l. Use a vet-vaccum cleaner or similar to drain all the water out of the toilet.

m. Make sure all outlets are open until only air passes through the outlets to ensure as much water as possible is expelled from the system.

n. Once only air passes through the system continuously close all taps and remove the air compressor from the water inlet pipe.

o. Flush all toilets.

p. When all water is drained, close the drain off outlets and all the hot and cold taps.

q. Fridge / Freezer:-

1. Turn the fridge off and allow to defrost. Clean the inside of the fridge / freezer.
2. Prop the fridge / freezer door open, and the internal freezer door if applicable for ventilation.

j. If a dish washer or washing machine is fitted it should be protected from frost damage by carrying out the following instructions:-

1. Remove electrical power to the dishwasher.
2. Turn off the water supply and disconnect the water inlet pipes from the water valves.
3. Drain water from the inlet pipes and water valves. (Use a pan to catch the water).
4. Reconnect the water inlet pipes to the water valves.

Note: When returning to your holiday home simply reverse the winterisation procedure. Taking these simple precautions will help to protect and maintain the efficiency of the system.

5. Dish washers only - Remove the filter in the tub at the bottom and use a sponge to soak up water in the sump.
6. Washing machines only - Drain the water from the pump by removing the filter. See washing machine instructions for how to do this.

k. Pour anti-freeze or common salt into the WC pan and also the sink, basin and shower waste traps. Avoid these substances coming into contact with metallic surfaces such as stainless steel sinks or waste outlet and remove any spillage. We recommend the use of a small funnel.

l. Switch off and unplug all electrical appliances (including TV Aerial plug). Turn mains control switch to off position.

m. Remove all food. Thoroughly vacuum all carpets and vinyl to remove any traces of food.

n. Empty the vacuum and or fit a clean bag.

o. The kitchen sink should be free of all particles and left clean.

p. Carry out a full lubrication schedule (i.e. locks, hinges, jockey wheel).

q. Clear gutters and fall pipes to prevent debris blocking the system. Great care should be taken when undertaking this maintenance.

r. Wash and polish exterior paintwork.

s. Close and secure roof light (where fitted) and all windows making sure no curtains are trapped but are hanging free.

t. Preferably, soft furnishings should be removed and stored in ideal conditions, or, if they are to remain within the unit, it is advisable to place cushions and mattresses separately on end or edge to allow a free movement of air around them.

u. Secure exterior windows. Many people leave bowls of water-absorbing crystals or common salt as a means of withdrawing moisture from the air. No moisture means no mildew and damp, so the practice is worthwhile.

v. Ensure all fixed ventilation points (high, low and trickle vents) are clear from debris and obstructions.

15.2 Condensation

What is condensation?

Condensation is the process of change of water from its gaseous form (water vapour) into liquid water when it comes into contact with a surface that is cold. Condensation generally occurs when warm air cools quickly and loses its capacity to hold water vapour, and as a result condenses to form droplets

Why condensation occurs

Condensation occurs when warm air meets a cold surface. The level of condensation will depend upon humidity levels, how moist the air is and how cold the surfaces are they come into contact with.

If the temperature falls below the dew point temperature, it is quite normal for condensation to occur on the external walls and any other cold surface.

When condensation occurs

Condensation occurs usually in winter months, because ambient temperatures are colder (leading to cold surface) and windows, vents and doors are opened less so the moist air cannot escape.

Where condensation occurs

Condensation will occur where warm moist air is put into the atmosphere in areas such as in bathrooms (during showering) and in kitchen areas (during cooking).

In bedrooms when people sleep (or the lounge when a pull out bed is used) the warmth from their body heat and breath generates moisture in the atmosphere which in turn condenses on cold surfaces leading to visible water droplets.

Condensation will also form in cold areas where air movement and ventilation is restricted, (e.g. cupboards, wardrobes, corners of rooms, etc.)

What is important

It is important to provide ventilation and air flow, so that warm moist air can escape, or be externally cooled, and to use the heating reasonably by not making rooms too warm such that people perspire, as this will only serve to generate more moist air and therefore more condensation.

However, in particularly cold periods, where the external ambient temperatures are low, condensation may still form on external walls as the wall insulation levels may well not be

thermally able to cope with the difference between the internal and external temperatures.

How can you prevent condensation

Provide ventilation so that moist air can escape

a. Good ventilation of kitchens when cooking or when drying damp clothes, footwear or pets is essential. Observe when windows begin to show signs of misting and increase ventilation by opening a window slightly by 1cm as this will help, but keep the entrance doors closed as much as possible to retain heat.
b. If drying damp clothes or towels, open a window to ventilate the room and allow the moist air to escape.
c. Try to make sure that all areas are partially heated. Condensation most often occur in unheated areas. Try to keep cold surfaces reasonably warm, even a room or area with warm ambient air may still have cold surfaces within it. It can take a long time for a cold room/area to warm up, so it is better to have a small amount of heat then a lot of heat for a short time.
d. After showering, keep the bathroom window or skylights open, and shut the bathroom door long enough to dry off the room.
e. Fixed ventilation is provided in many areas, specifically through trickle vents in the windows it is important not to block these.
f. It is critical that low level ventilation is not blocked through the use of skirts or decking around the holiday home. Where such items are fitted, and equal amount (if not greater) volume of ventilation must be allowed for.
g. Electrical heating is dryer than gas heating and introduces less moisture into the atmosphere. Do not use additional portable paraffin or flue-less gas heaters at all.
h. If left unoccupied and unheated for long periods of time the temperatures can soak down thermally into the entire product and become very cold. Whenever possible, put the heating on at a low level before use by pre heating in cold weather.
i. Even with reasonable ventilation it is likely if the temperature is less than 5°C and the humidity is high that condensation will occur. Ideally the temperature should be kept about 20°C when occupied.

Mould growth

Any sign of mould growth is an indication of the presence of moisture and if caused by condensation gives warning that heating or ventilation may require improving.

New holiday homes

New products take a long time before they are fully 'dried out' because of the moisture in the materials used during manufacture. While this is happening extra heat and ventilation will be required.

16. TECHNICAL INFORMATION

16.1 External dimensions 72
16.2 Ventilation layouts 75
16.3 Plumbing (typical water system) 116
16.4 Plumbing (typical heating system) 117
16.5 Generic Gas, Heating and Power Schematic 118
16.6 Generic Gas, Heating & Lighting Schematic 119
16.7 Smart Command PV System Schematic 120
16.8 Chassis marking 121

16.1 External dimensions

Model	L1	L2	L3	L4	W1	W2	H1
Royan 28x12-2	9.63m (31' 7")	8.75m (28' 9")	8.63m (28' 4")	8.63m (28' 4")	3.96m (13' 0")	3.70m (12' 2")	3.45m (11' 4")
Royan 35x12-2	11.93m (39' 2")	11.10m (36' 5")	10.93m (35' 10")	10.93m (35' 10")	3.96m (13' 0")	3.70m (12' 2")	3.45m (11' 4")
Royan 35x12-3	11.93m (39' 2")	11.10m (36' 5")	10.93m (35' 10")	10.93m (35' 10")	3.96m (13' 0")	3.70m (12' 2")	3.45m (11' 4")
Loire 28x10-2	9.63m (31' 7")	9.10m (29' 10")	8.87m (29' 1")	8.63m (28' 4")	3.35m (11' 0")	3.05m (10' 0")	3.29m (10' 10")
Loire 32x10-2	10.77m (35' 4")	10.25m (33' 7")	10.05m (33' 0")	9.77m (32' 1")	3.35m (11' 0")	3.05m (10' 0")	3.29m (10' 10")
Loire 28x12-2	9.63m (31' 7")	9.10m (29' 10")	8.87m (29' 1")	8.63m (28' 4")	3.96m (13' 0")	3.70m (12' 2")	3.41m (11' 2")
Loire 32x12-2	10.77m (35' 4")	10.25m (33' 7")	10.05m (33' 0")	9.77m (32' 1")	3.96m (13' 0")	3.70m (12' 2")	3.41m (11' 2")
Loire 35x12-2	11.93m (39' 2")	11.40m (37' 5")	11.20m (36' 9")	10.93m / 35'10"	3.96m (13' 0")	3.70m (12' 2")	3.41m (11' 2")
Loire 35x12-3	11.93m (39' 2")	11.40m (37' 5")	11.20m (36' 9")	10.93m / 35'10"	3.96m (13' 0")	3.70m (12' 2")	3.41m (11' 2")
Loire 38x12-2	12.73m (41' 9")*	12.20m (40' 0")*	12.00m (39' 5")*	11.73m (38' 6")*	3.96m (13' 0")*	3.70m (12' 2")*	3.41m (11' 2")*
Loire 38x12-3	12.73m (41' 9")	12.20m (40' 0")	12.00m (39' 5")	11.73m (38' 6")	3.96m (13' 0")	3.70m (12' 2")	3.41m (11' 2")
Burgundy 29x12-2	9.78m (32' 1")*	9.20m (30' 2")*	8.78m (28' 10")*	8.78m (28' 10")*	4.02m (13' 2")*	3.76m (12' 4")*	3.60m (11' 10")*
Burgundy 32x12-2	10.85m (35' 7")	10.28m (33' 9")	9.85m (32' 4")	9.85m (32' 4")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Burgundy 36x12-2	12.04m (39' 6")	11.47m (37' 7")	11.04m (36' 3")	11.04m (36' 3")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Burgundy 36x12-3	12.04m (39' 6")	11.47m (37' 7")	11.04m (36' 3")	11.04m (36' 3")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Burgundy 38x12-2	12.80m (42' 0")	12.21m (40' 1")	11.80m (38'8")	11.80m (38'8")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Burgundy 39x12-3	12.80m (42' 0")	12.21m (40' 1")	11.80m (38'8")	11.80m (38'8")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Margaux 35x12-2	11.99m (39' 4")	11.41m (37' 5")	10.99m (36' 1")	10.99m (36' 1")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Margaux 38x12-2	12.80m (42' 0")	12.21m (40' 1")	11.80m (38' 8")	11.80m (38' 8")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Margaux 38x12-2 ES	12.80m (42' 0")	12.21m (40' 1")	11.80m (38' 8")	11.80m (38' 8")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Margaux 38x12-3	12.80m (42' 0")	12.21m (40' 1")	11.80m (38' 8")	11.80m (38' 8")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Margaux 39x12-3 ES	12.80m (42' 0")	12.21m (40' 1")	11.80m (38' 8")	11.80m (38' 8")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Morlaix 36x12-2	11.89m (39' 0")	11.31m (37' 1")	10.89m (35' 9")	10.89m (35' 9")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Morlaix 38x12-2	12.80m (42' 0")	12.21m (40'1")	11.80m (38' 8")	11.80m (38' 8")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")
Morlaix 40x12-3 ES	13.19m (43' 3")	12.76m (41' 10")	12.19m (40' 0")	12.19m (40' 0")	4.02m (13' 2")	3.76m (12' 4")	3.60m (11' 10")

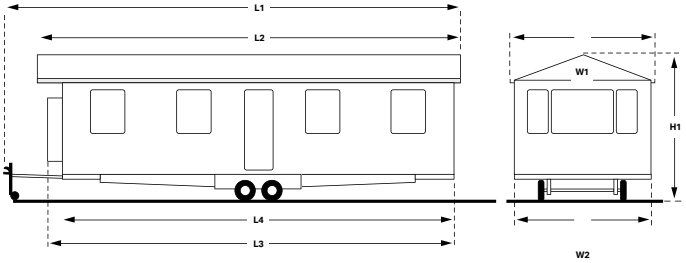
Model	L1	L2	L3	L4	W1	W2	H1
Provence 35x12-2	11.94m (39' 2")	11.40m (37' 5")	11.21m (36' 9")	10.94m (35' 11")	3.96m (13' 0")	3.70m (12' 2")	3.39m (11' 1")
Provence 35x12-2 Outlook	11.94m (39' 2")	11.40m (37' 5")	10.94m (35' 11")	10.94m (35' 11")	3.96m (13' 0")	3.70m (12' 2")	3.39m (11' 1")
Provence 38x12-2	12.73m (41'9")	12.20m (40'0")	12.00m (39'5")	11.73m (38'6")	3.96m (13' 0")	3.70m (12' 2")	3.39m (11' 1")
Provence 38x12-2 Outlook	12.73m (41'9")	12.20m (40'0")	11.73m (38'6")	11.73m (38'6")	3.96m (13' 0")	3.70m (12' 2")	3.39m (11' 1")
Provence 39x12-3	12.86m (42' 2")	12.28m (40' 3")	12.13m (39' 9")	11.86m (38' 11")	3.96m (13' 0")	3.70m (12' 2")	3.39m (11' 1")
Provence 39x12-3 Outlook	12.86m (42' 2")	12.28m (40' 3")	11.86m (38' 11")	11.86m (38' 11")	3.96m (13' 0")	3.70m (12' 2")	3.39m (11' 1")
Bordeaux 33x12-2	11.09m (36' 5")	10.50m (34' 5")	10.09m (33' 1")	10.09m (33' 1")	3.96m (13' 0")	3.70m (12' 2")	3.60m (11' 10")
Bordeaux 35x12-2	11.93m (39' 2")	11.35m (37' 3")	10.93m (35' 10")	10.93m (35' 10")	3.96m (13' 0")	3.70m (12' 2")	3.60m (11' 10")
Bordeaux / Urban 38x12-2	12.75m (41' 10")	12.15m (39' 11")	11.75m (38' 7")	11.75m (38' 7")	3.96m (13' 0")	3.70m (12' 2")	3.60m (11' 10")
Bordeaux / Urban 38x12-3	12.75m (41' 10")	12.15m (39' 11")	11.75m (38' 7")	11.75m (38' 7")	3.96m (13' 0")	3.70m (12' 2")	3.60m (11' 10")
Bordeaux Escape 38x12-2	12.87m (42' 3")	11.87m (38' 11")	10.09m (33' 1")	10.09m (33' 1")	3.96m (13' 0")	3.70m (12' 2")	3.60m (11' 10")
Bordeaux Escape 41x12-3	13.72m (45' 0")	12.72m (41' 9")	10.93m (35' 10")	10.93m (35' 10")	3.96m (13' 0")	3.70m (12' 2")	3.60m (11' 10")
Clermont 40x12-2	13.25m (43' 6")*	12.64m (41' 6")*	12.25m (40' 2")*	12.25m (40' 2")*	4.02m (13' 2")*	3.76m (12' 4")*	3.60m (11' 10")*

* Estimates

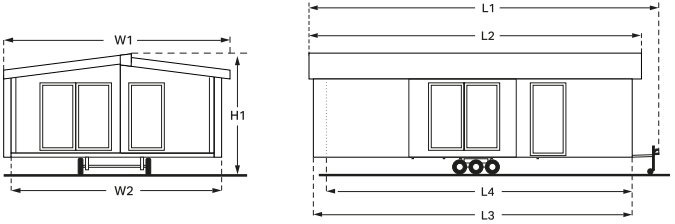
Model	L1	L2	L3	L4	W1	W2	H1
Alizee	7.19m (23'7")*	6.24m (20'6")*	6.22m (23'7")*	6.19m (20'4")*	3.59m (11'9")*	3.44m (11'3")*	3.47m (11'4")*
Bijou	9.58m (31' 5")	8.58m (28' 2")	7.10m (23' 3")	7.10m (23' 3")	3.90m (12' 10")	3.75m (12' 4")	3.59m (11' 9")
Nuage	10.19m (33' 5")	9.49m (31' 1")	9.19m (30' 2")	7.08m (23' 3")	4.04m (13' 3")	3.75m (12' 4")	4.18m (13' 8")
Ruisseau	9.63m (31' 7")*	8.63m (28' 4")*	7.92m (26' 0")*	7.92m (26' 0")*	6.45m (21' 2")*	6.19m (20' 4")*	3.62m (11' 11")*

* Estimates

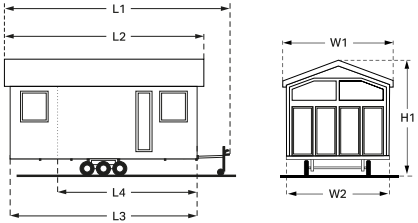
Holiday homes



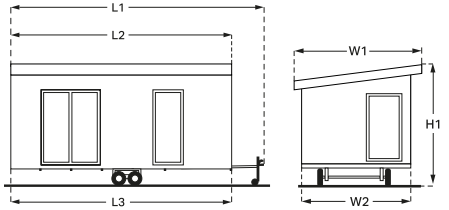
Ruisseau



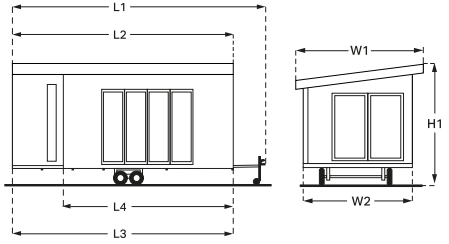
Nuage



Alizee



Bijou

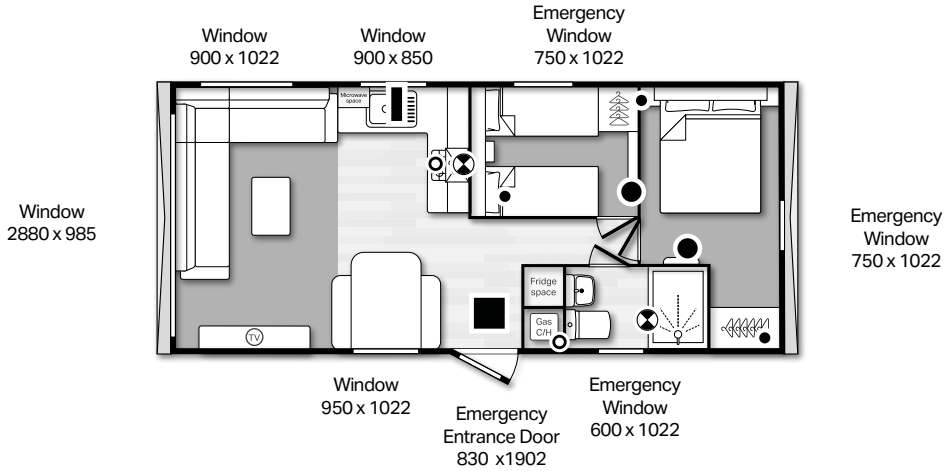


16.2 Ventilation layouts

General layout showing ventilation and emergency exits

Royan 28 x 12' 2 bed layout

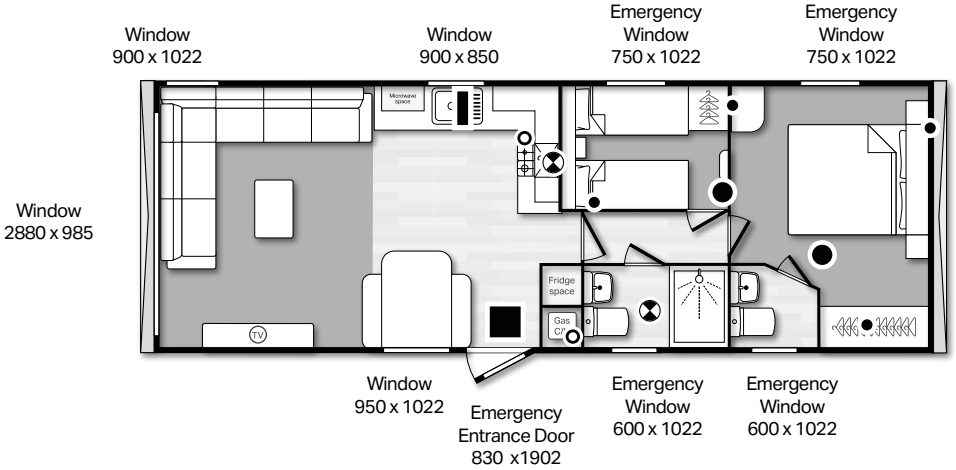
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Royan 35' x 12' 2 bed layout

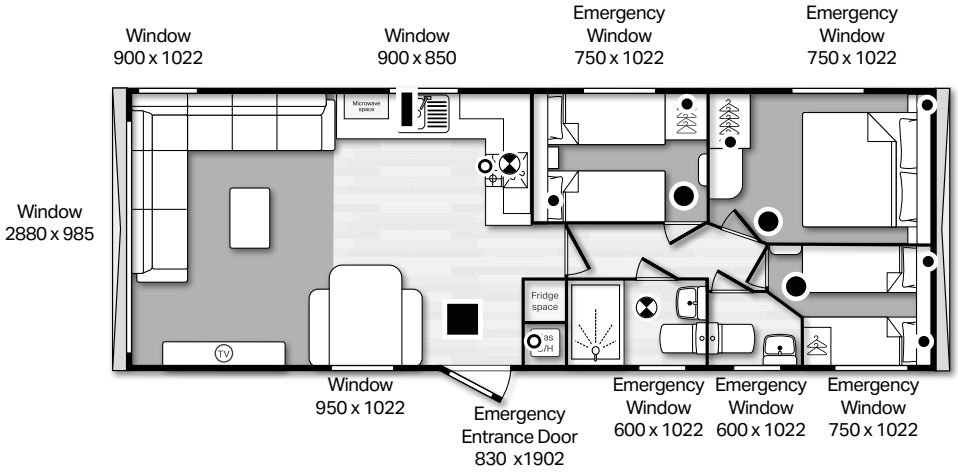
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Royan 35' x 12' 3 bed layout

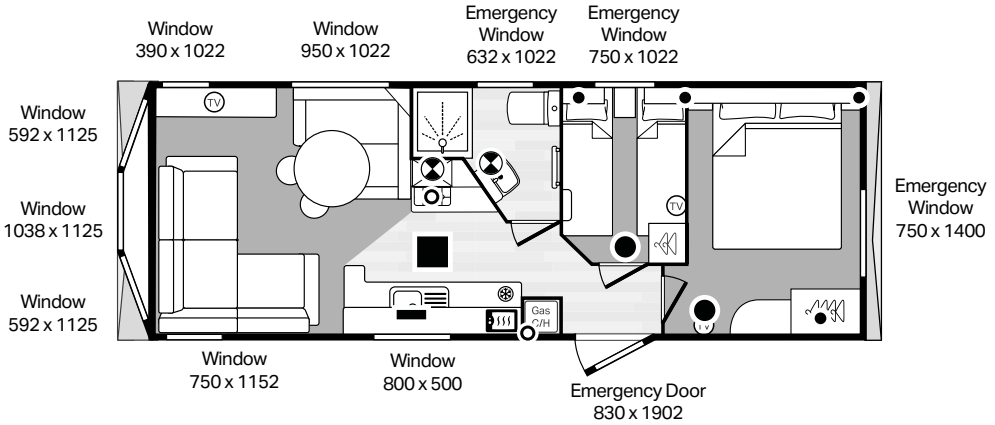
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 28′ x 10′ 2 bed layout

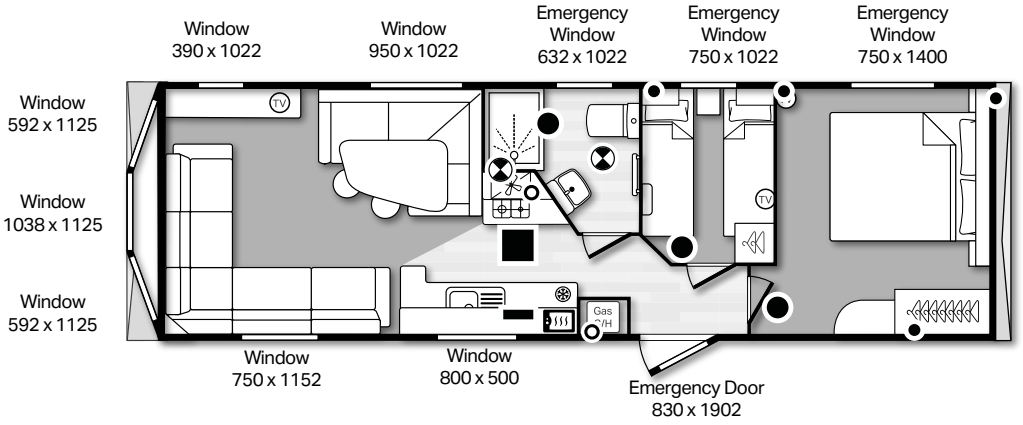
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 32' x 10' 2 bed layout

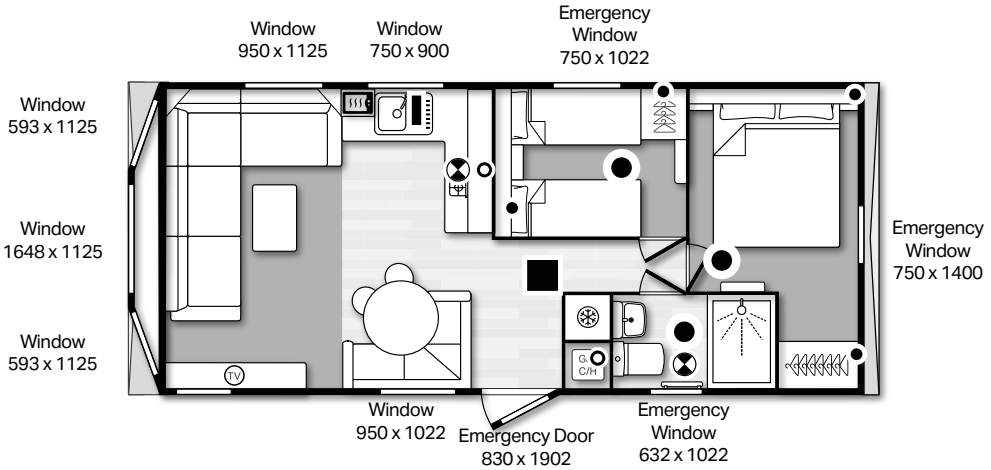
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 28' x 12' 2 bed layout

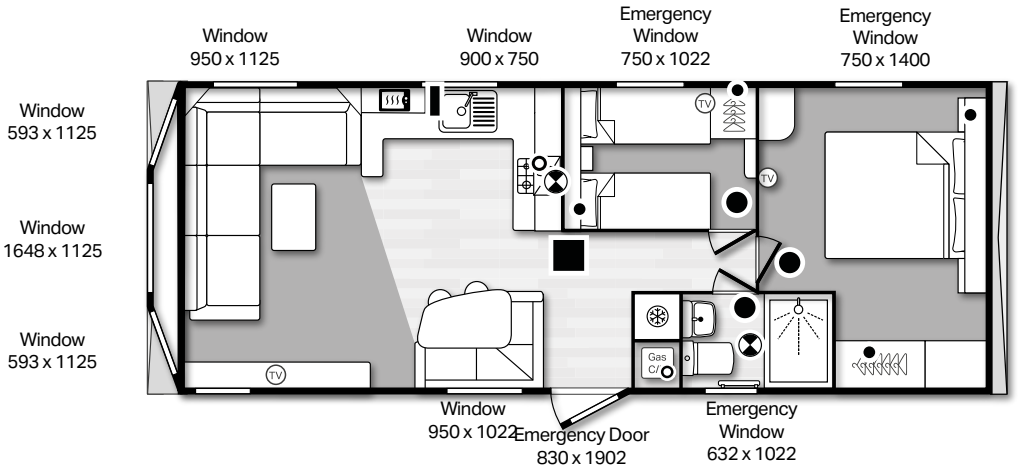
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 32′ x 12′ 2 bed layout

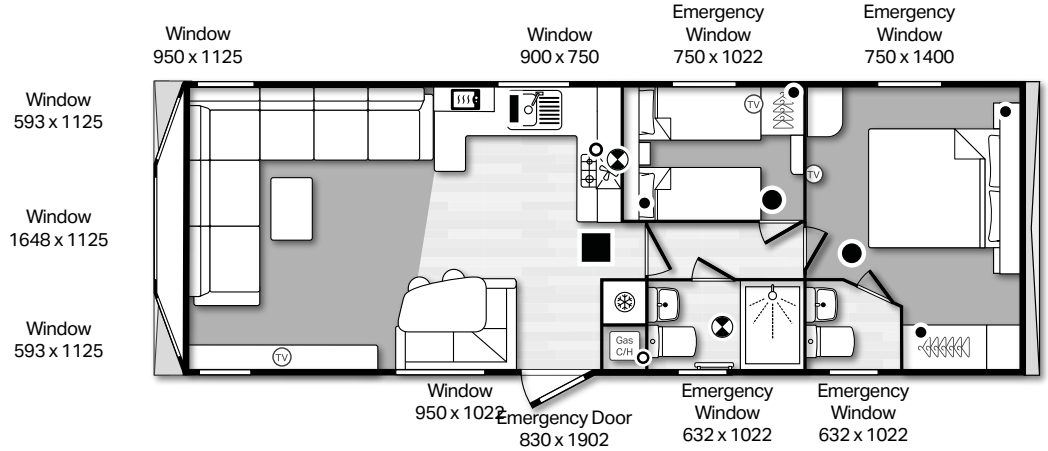
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 35' x 12' 2 bed layout

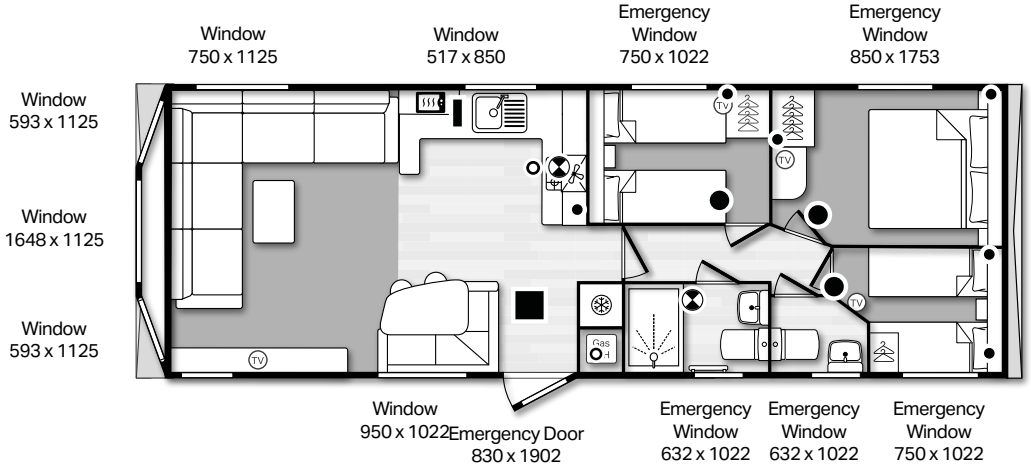
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 35' x 12' 3 bed layout

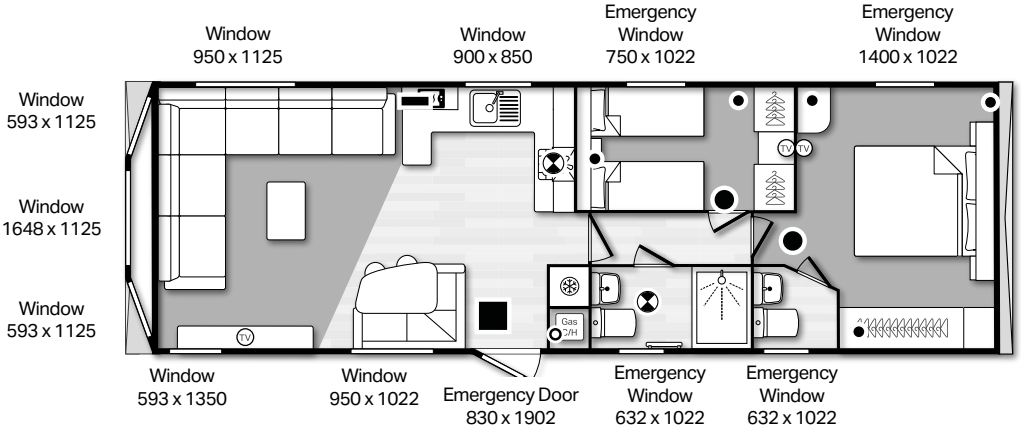
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 38' x 12' 2 bed layout

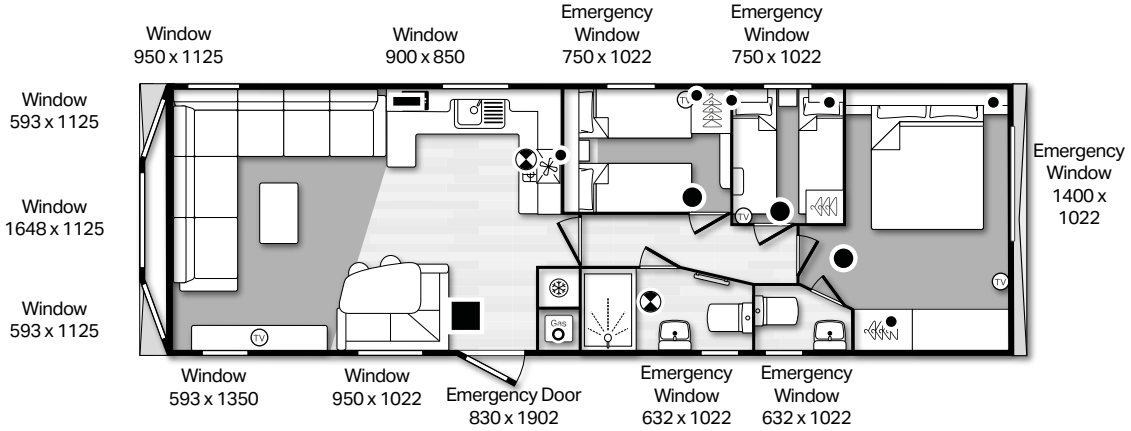
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Loire 38' x 12' 3 bed layout

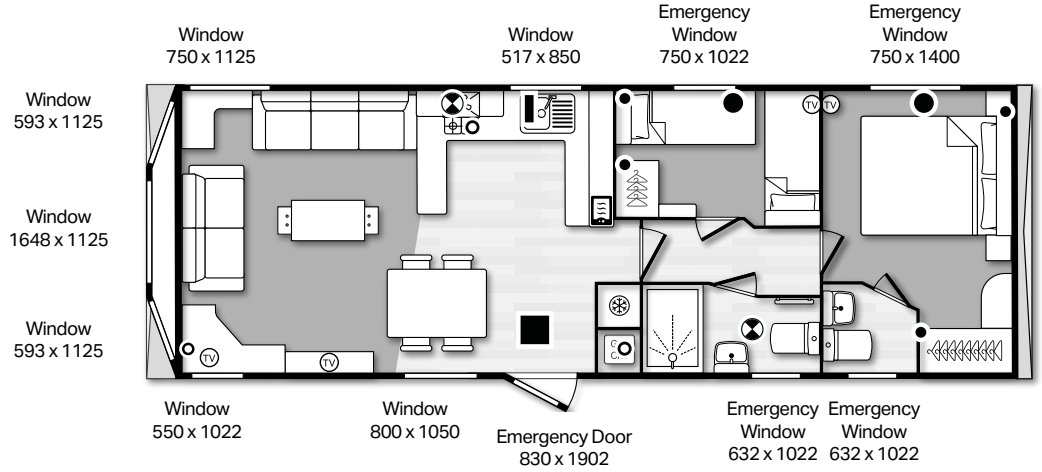
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Provence 35' x 12' 2 bed layout - Bay

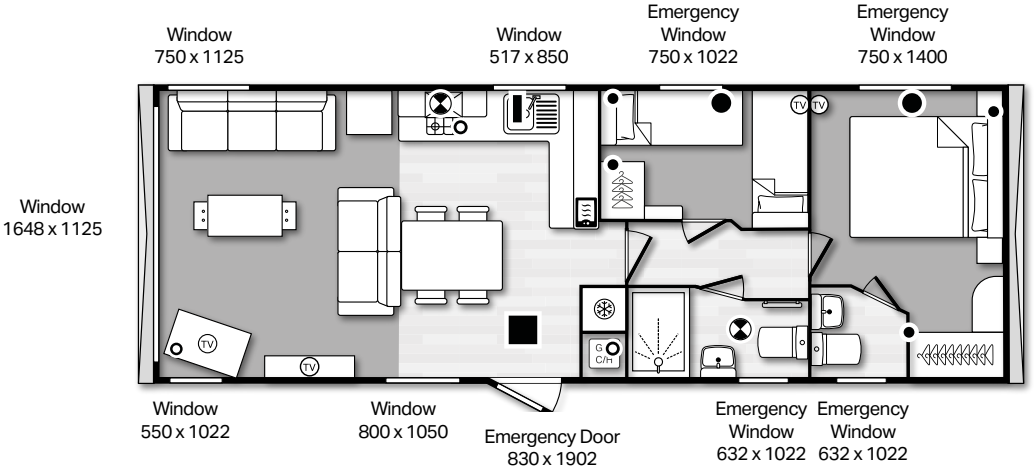
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Provence 35' x 12' 2 bed layout - Outlook

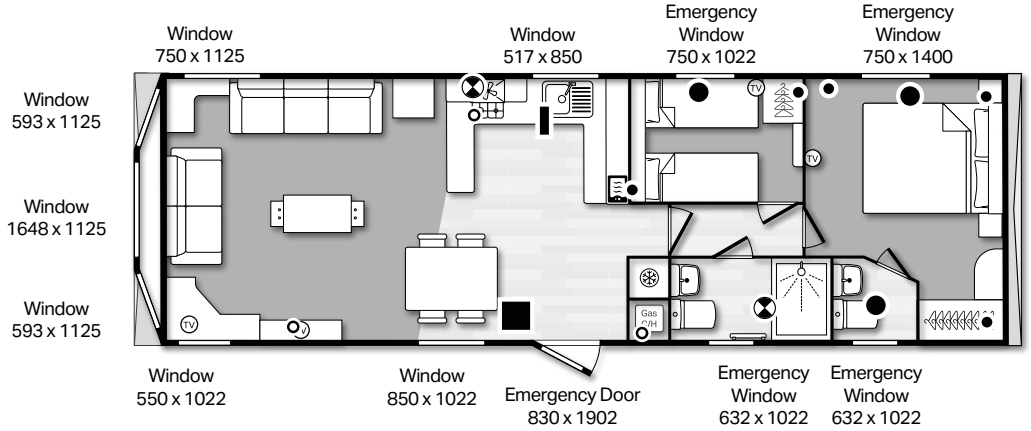
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Provence 38' x 12' 2 bed layout - Bay

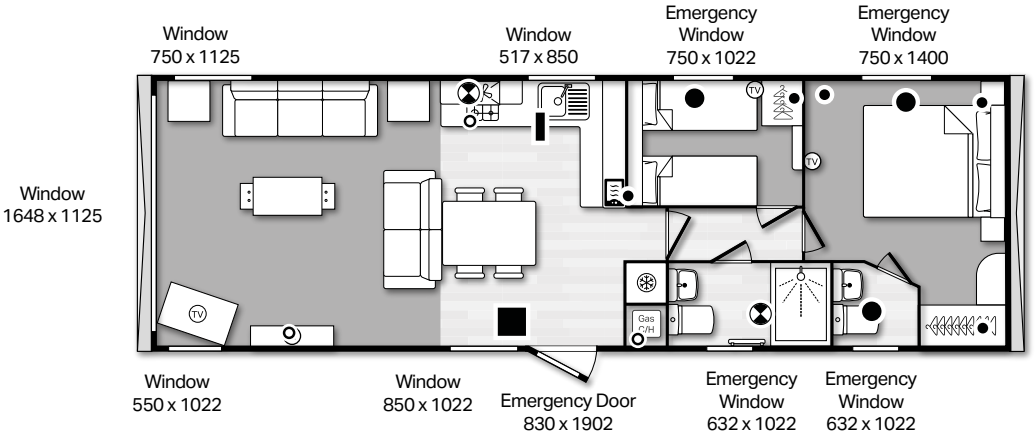
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Provence 38' x 12' 2 bed layout - Outlook

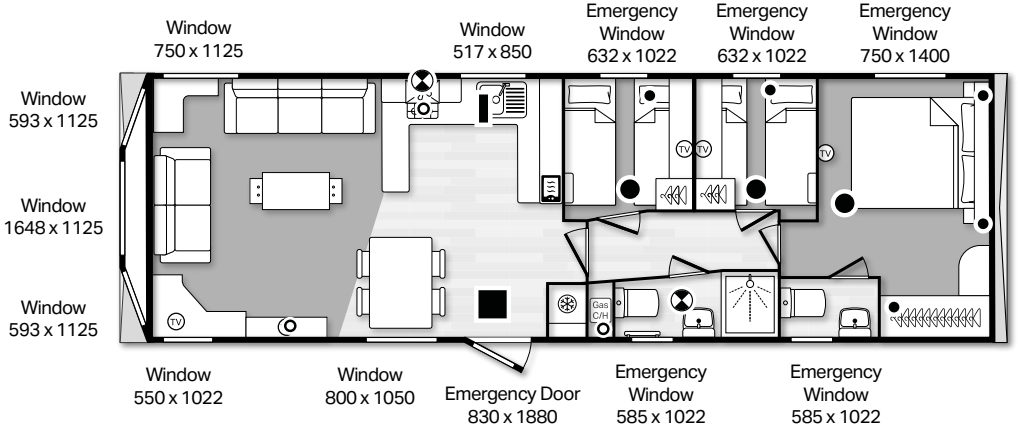
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Provence 39' x 12' 2 bed layout - Bay

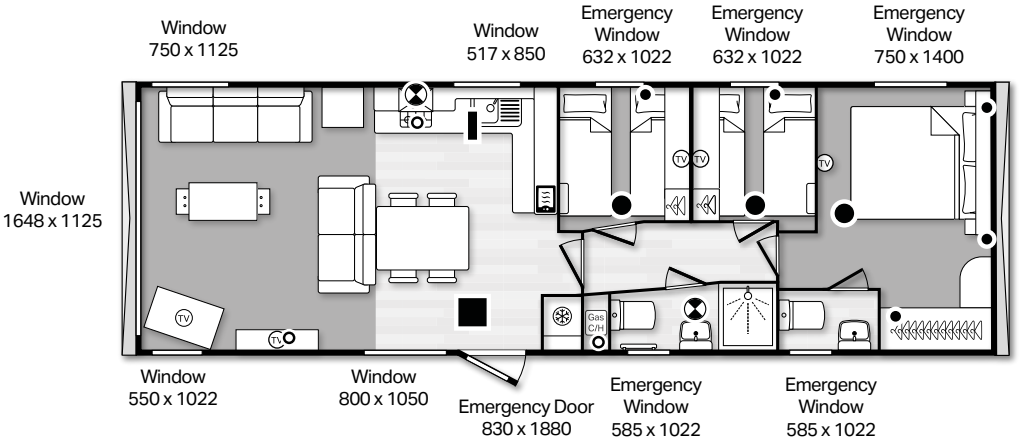
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Provence 39' x 12' 3 bed layout - Outlook

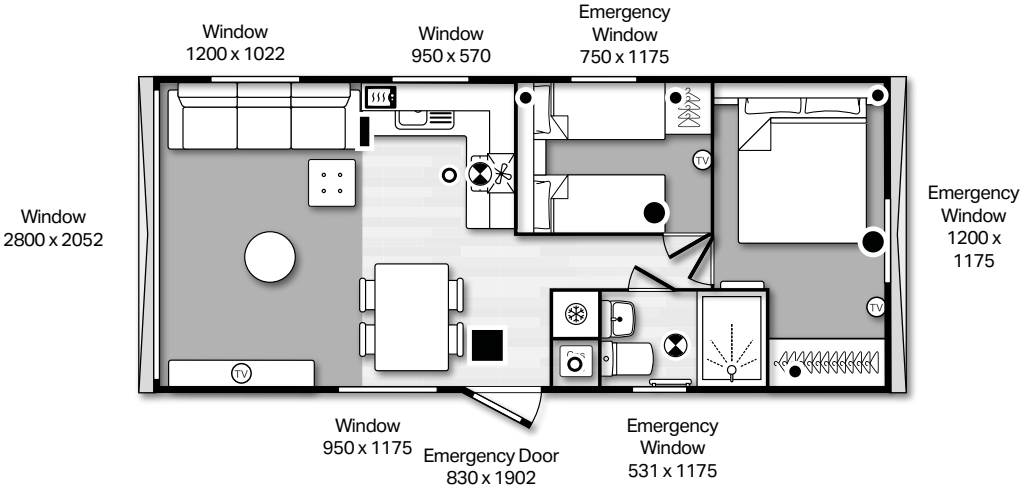
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Burgundy 29' x 12' 2 bed layout

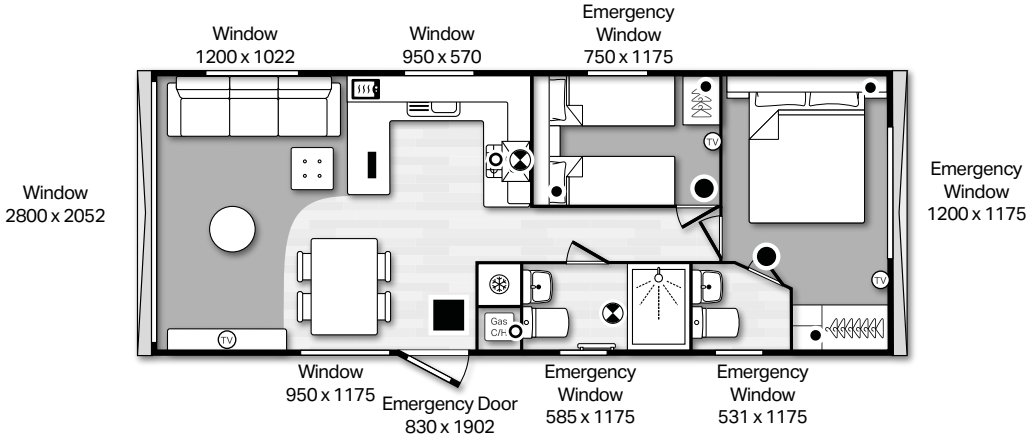
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Burgundy 32′ x 12′ 2 bed layout

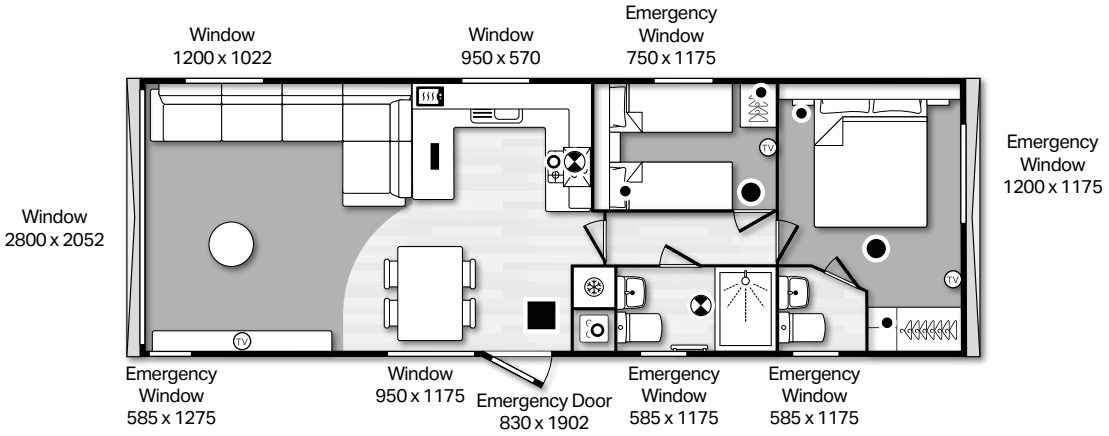
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Burgundy 36' x 12' 2 bed layout

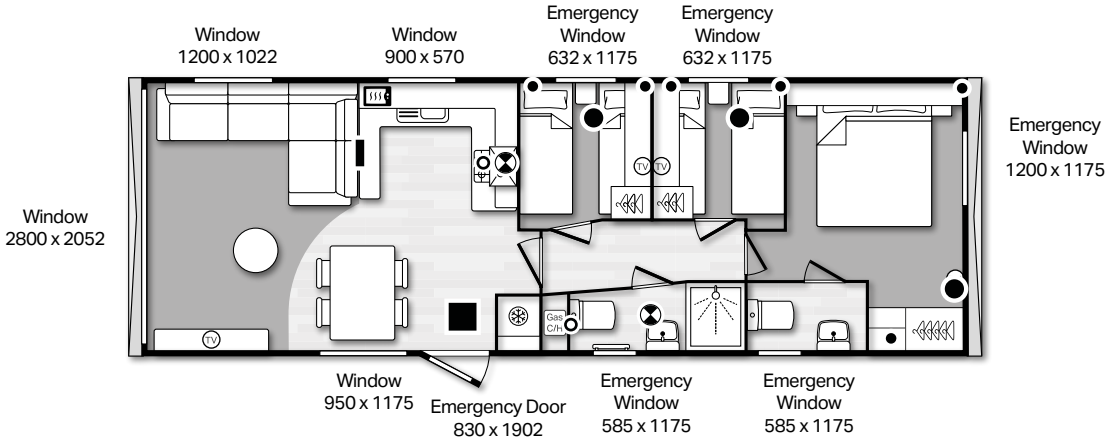
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Burgundy 36' x 12' 3 bed layout

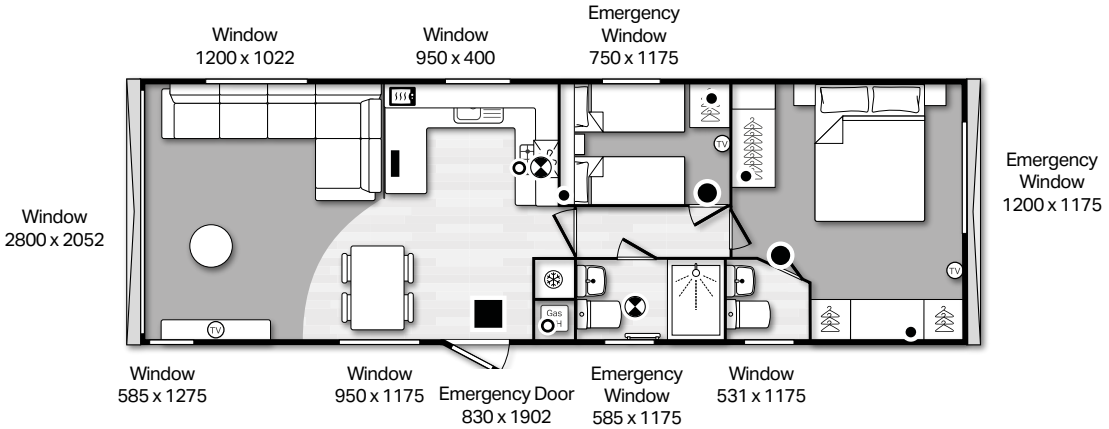
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Burgundy 38' x 12' 2 bed layout

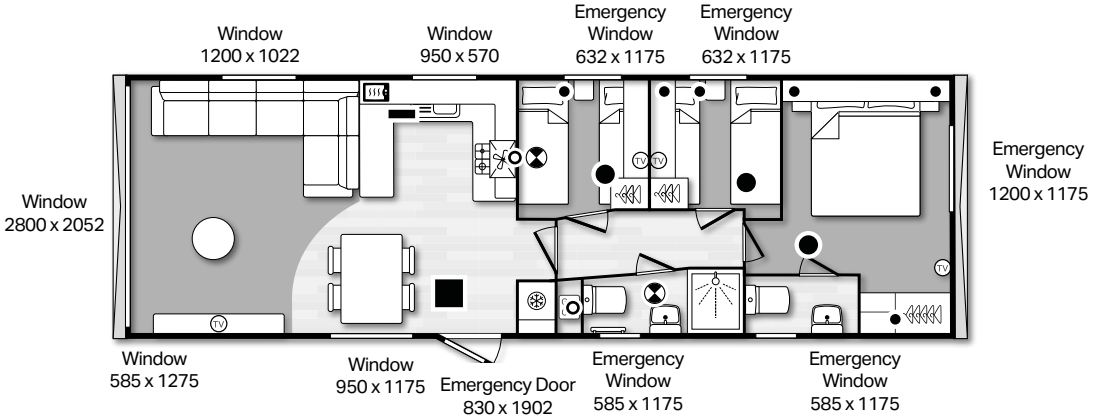
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Burgundy 39′ x 12′ 3 bed layout

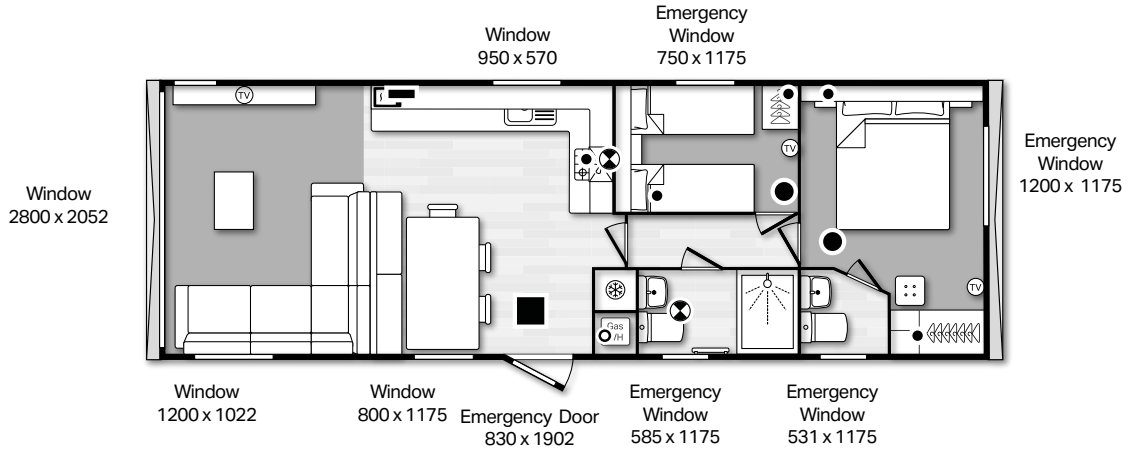
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Morlaix 36' x 12' 2 bed layout

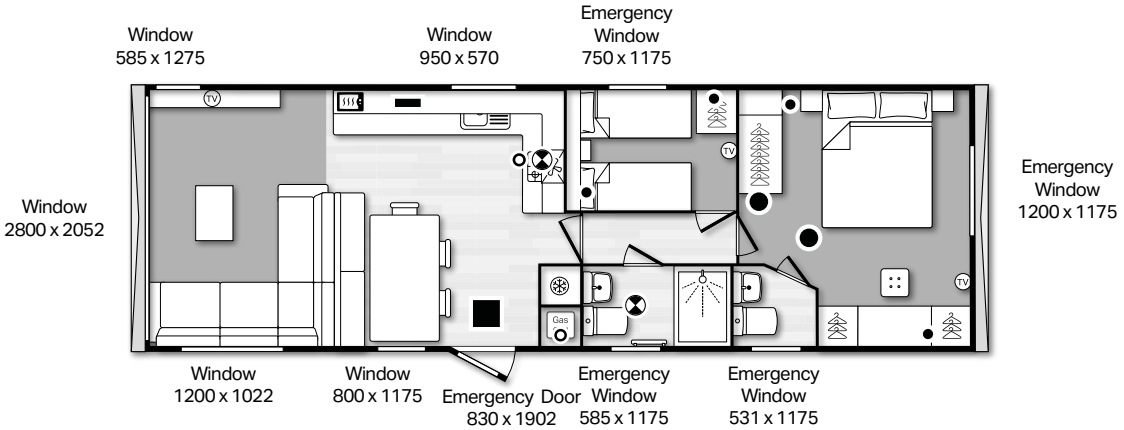
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Morlaix 38' x 12' 2 bed layout

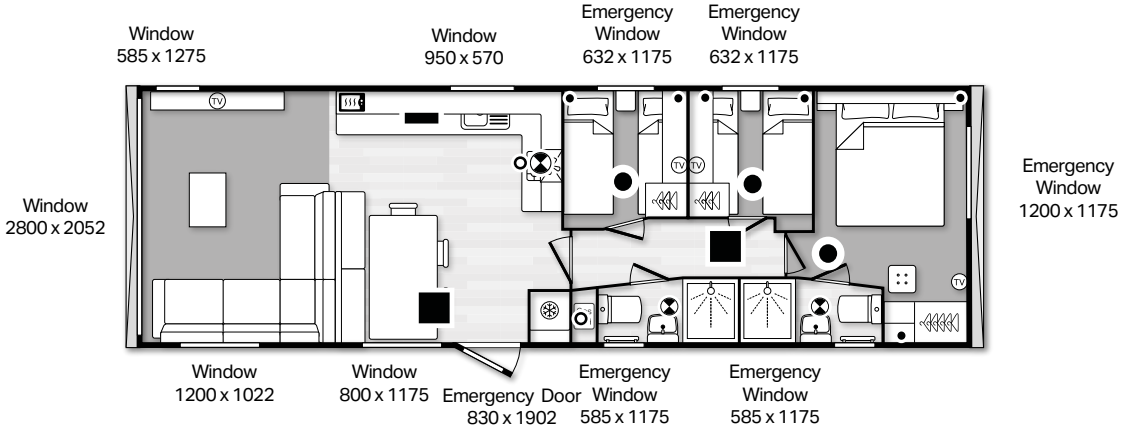
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Morlaix 40' x 12' 3 bed, Extra Shower layout

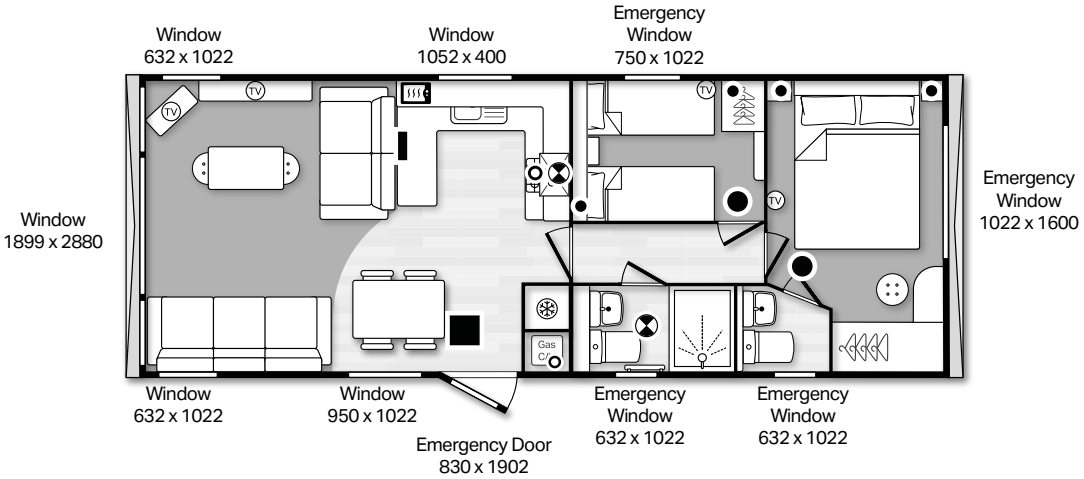
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Bordeaux 33' x 12' 2 bed layout

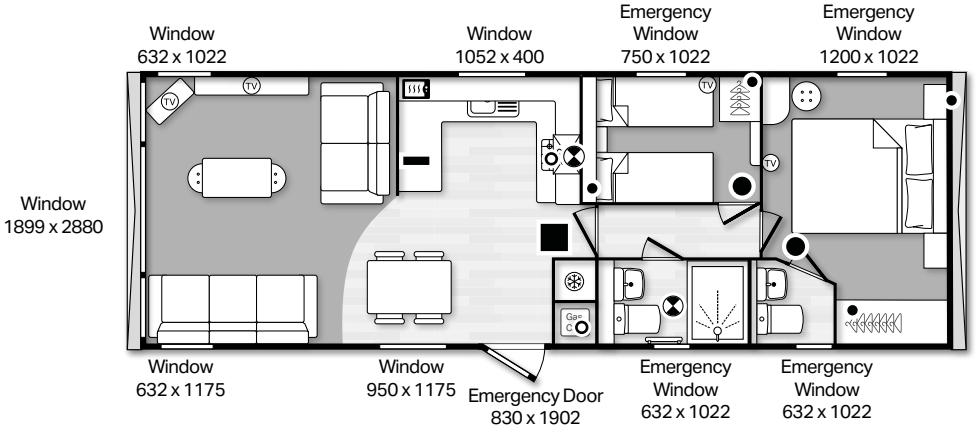
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Margaux and Bordeaux 35' x 12' 2 bed layout

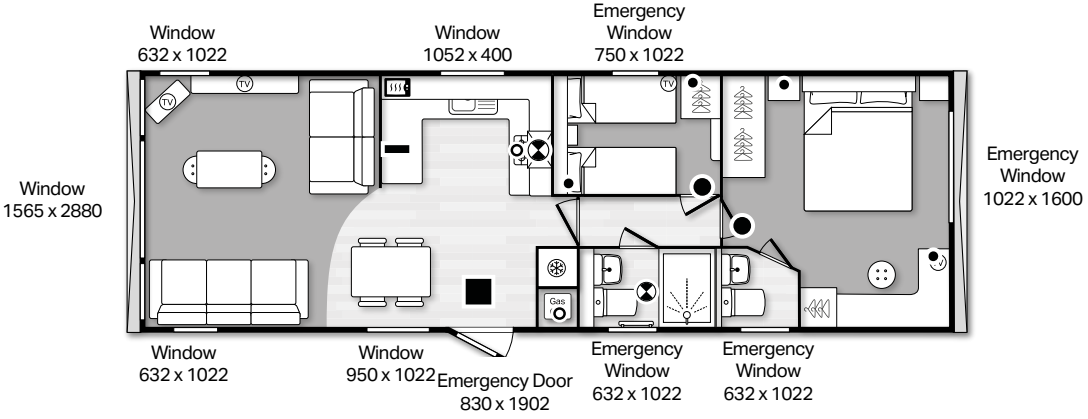
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Margaux and Bordeaux 38' x 12' 2 bed layout

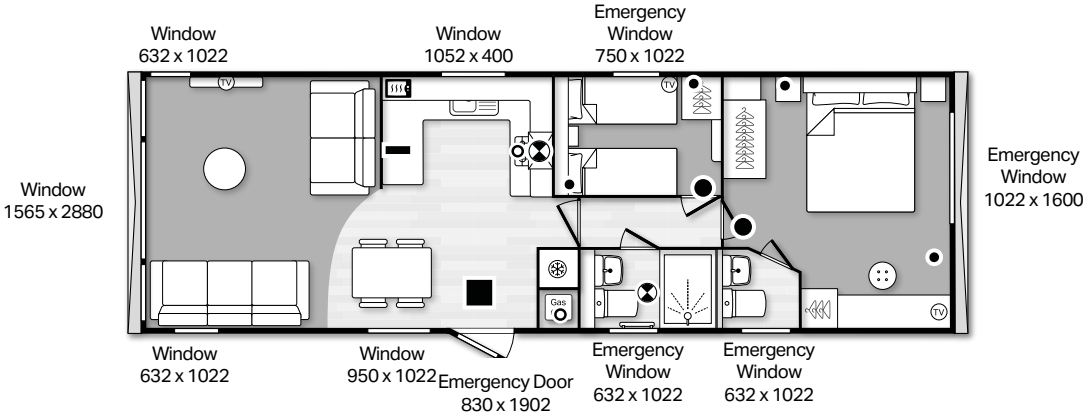
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Bordeaux Urban 38' x 12' 2 bed layout

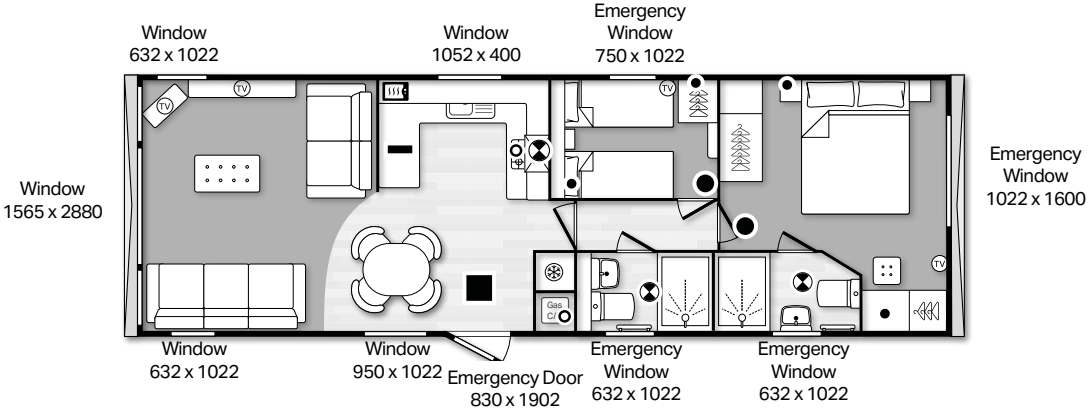
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Margaux 38' x 12' 2 bed, extra shower layout

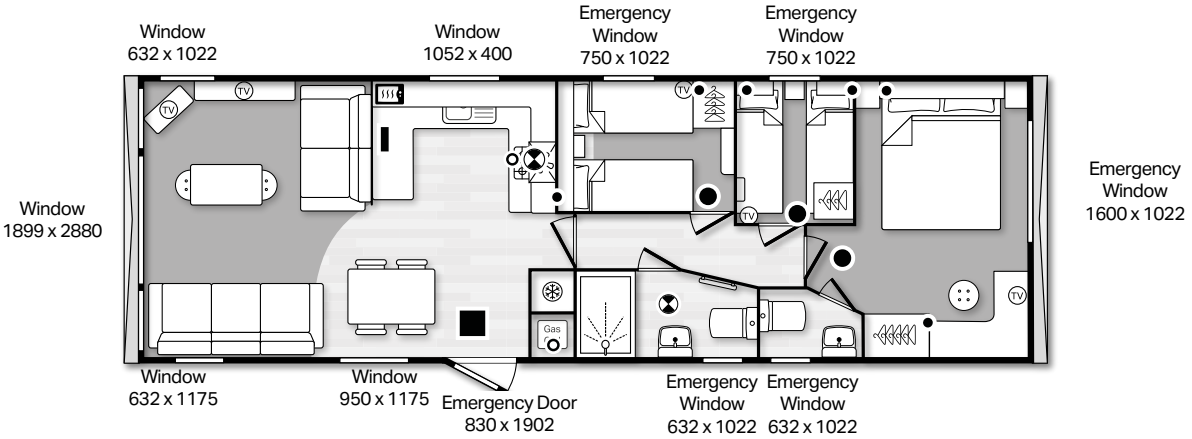
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Margaux and Bordeaux 38' x 12' 3 bed layout

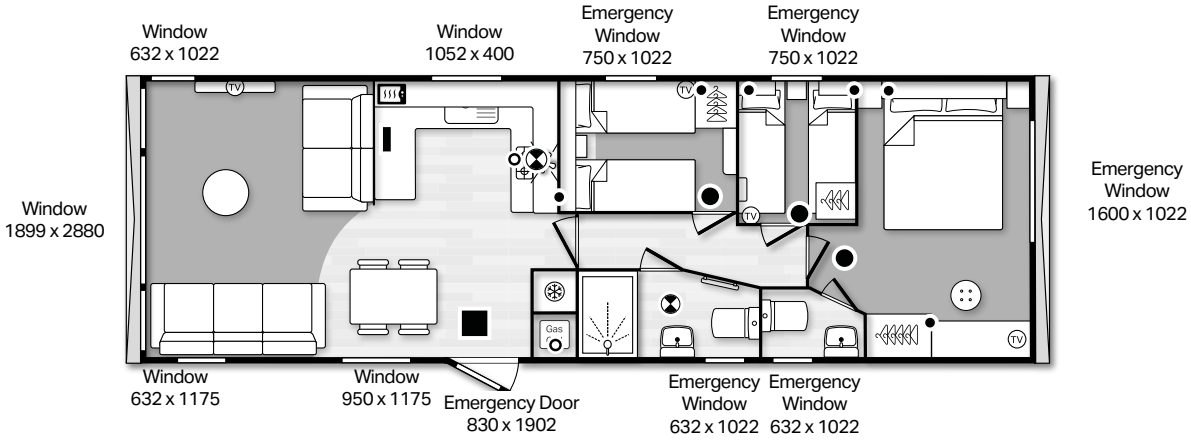
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Bordeaux Urban 38' x 12' 3 bed layout

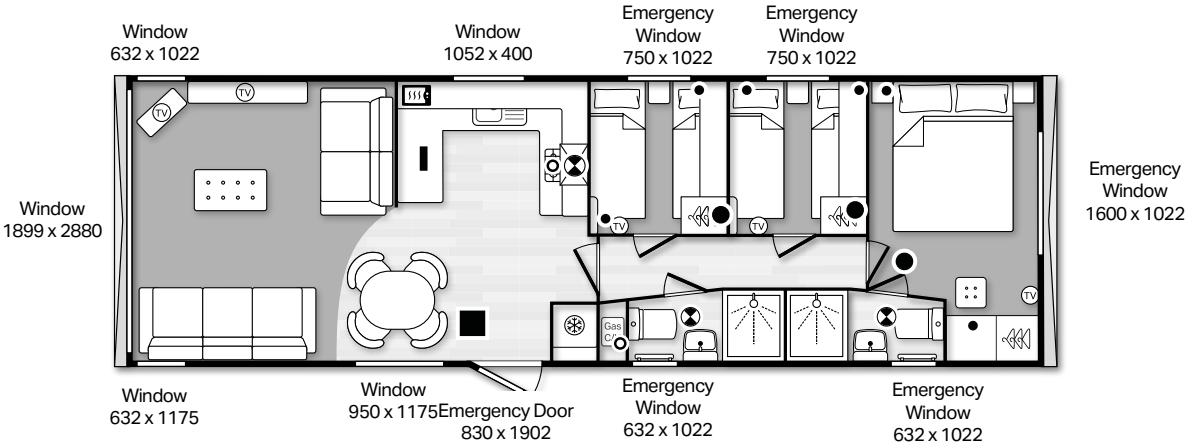
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Margaux 39' x 12' 3 bed Extra Shower layout

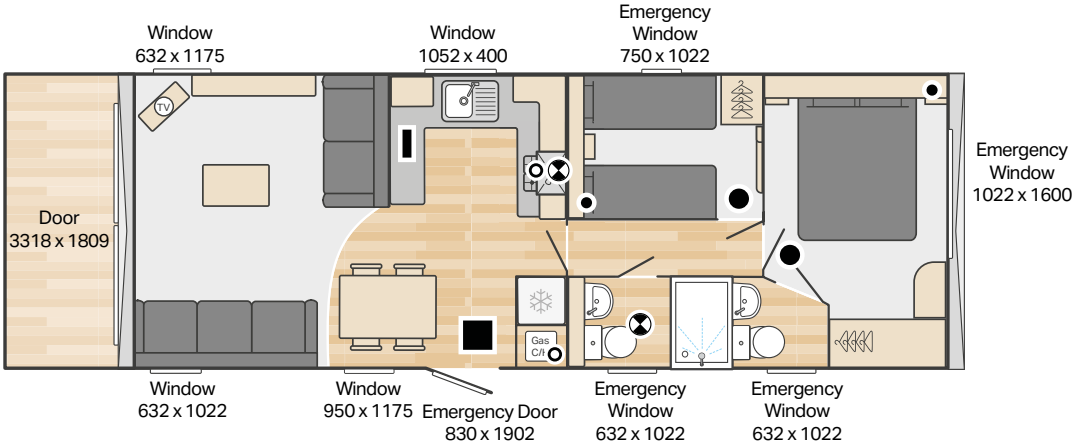
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Bordeaux Escape 38' x 12' 2 bed layout

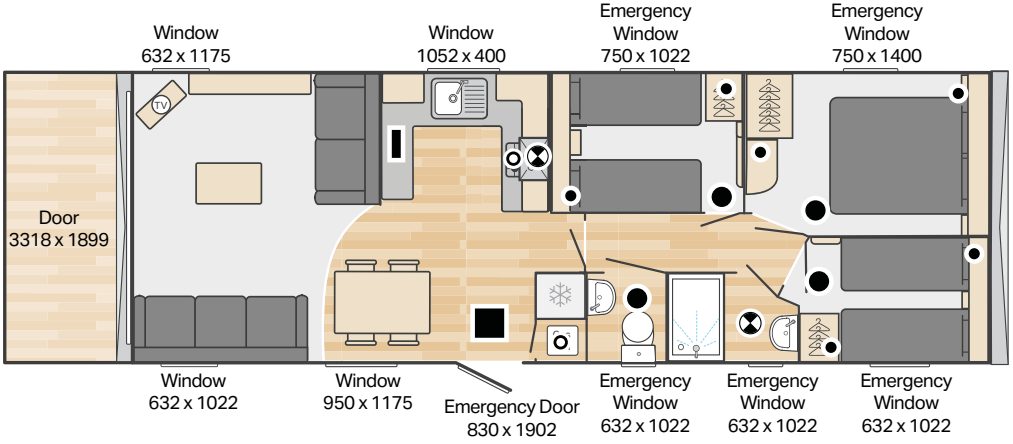
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Bordeaux Escape 41′ x 12′ 3 bed layout

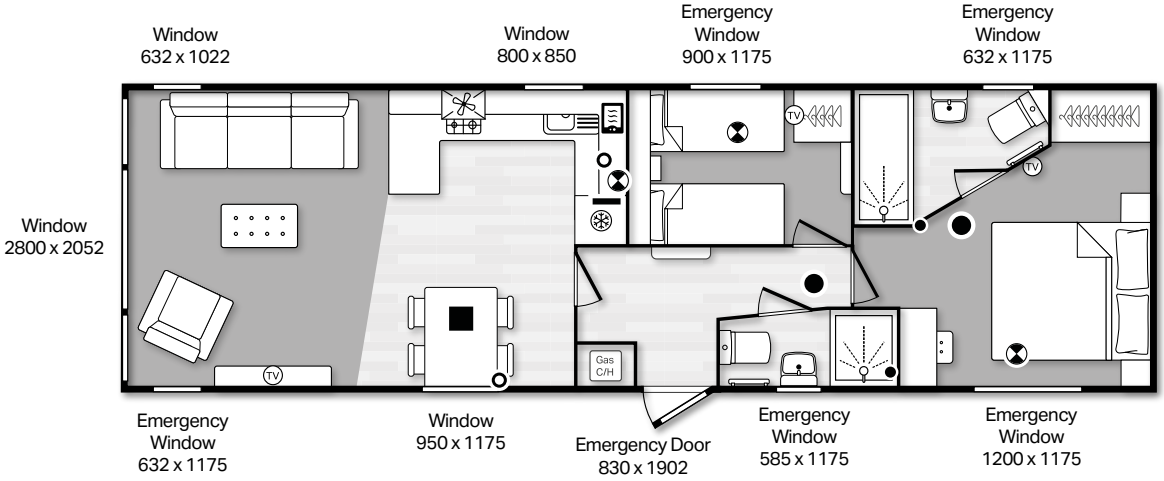
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Clermont 40' x 12' 2 bed layout

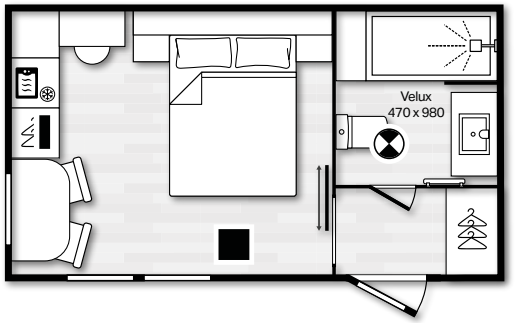
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Alizee

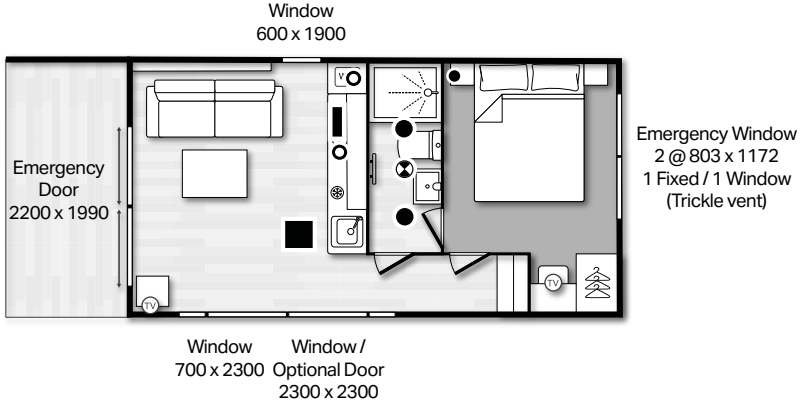
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Bijou

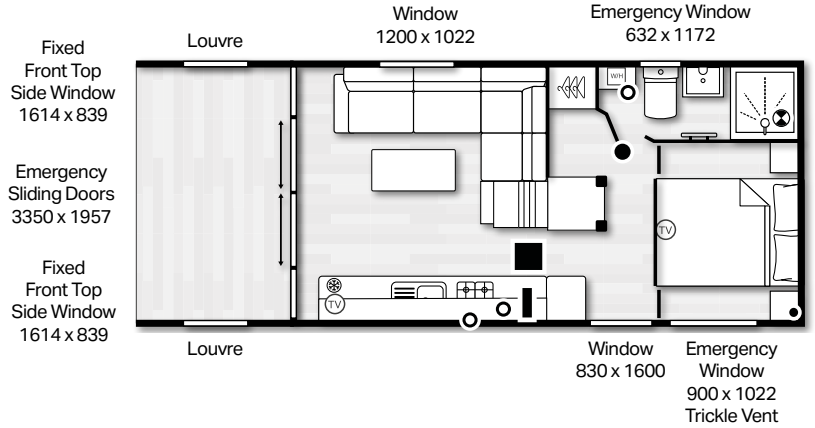
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



General layout showing ventilation and emergency exits

Nuage

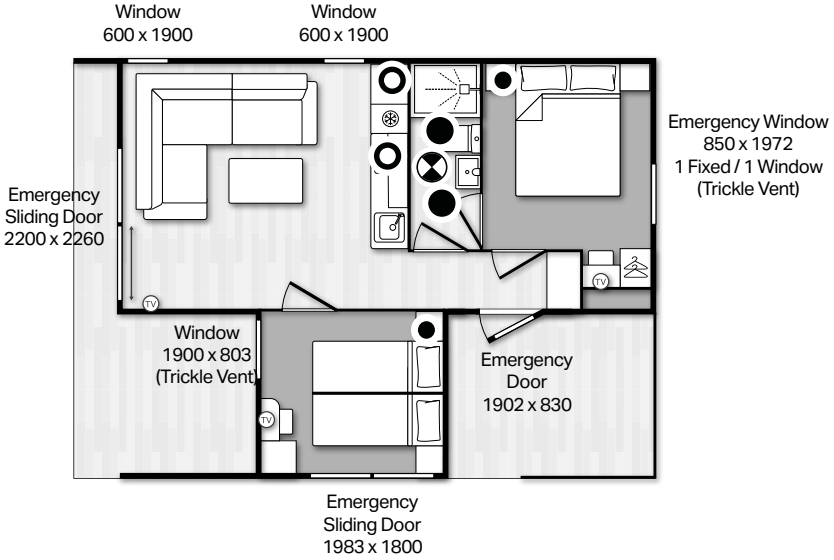
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



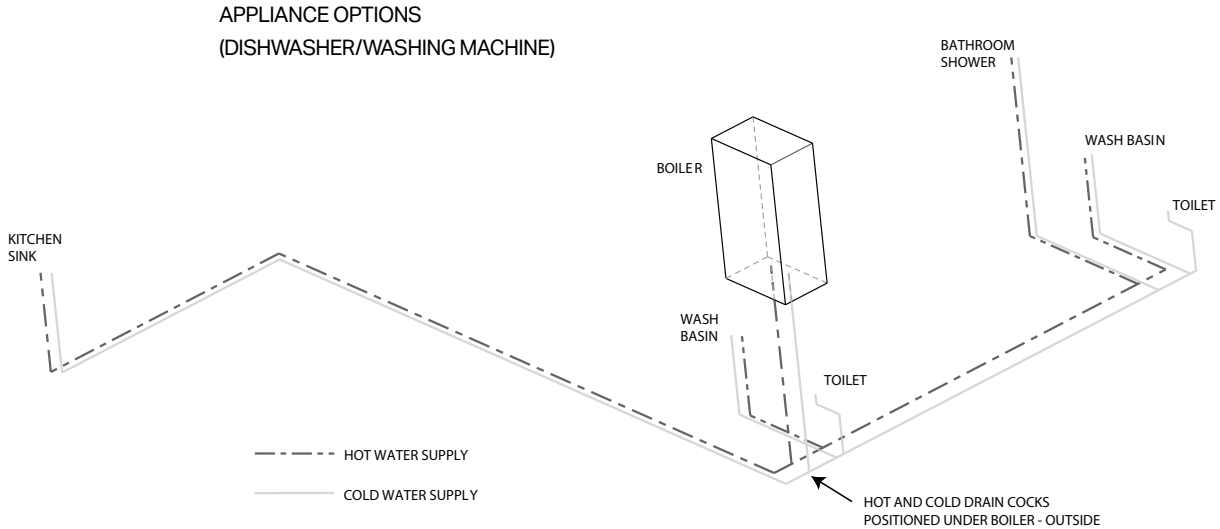
General layout showing ventilation and emergency exits

Ruisseau

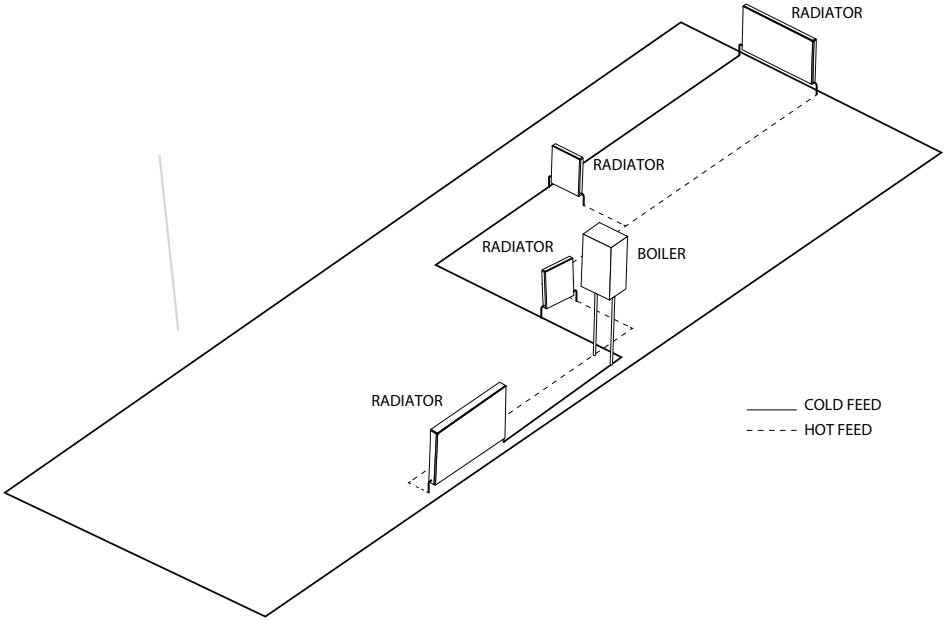
■	Square roof ventilator (21000 SQ. mm)	○	Gas drop ventilator	⊗	Extractor fan	▮	Rectangular floor ventilator (6000 SQ. mm)
■	Square floor ventilator (2205 SQ. mm)	●	Circular floor ventilator (760 SQ. mm)	●	Circular roof ventilator (2000 SQ. mm)		



16.3 Plumbing (typical water system)

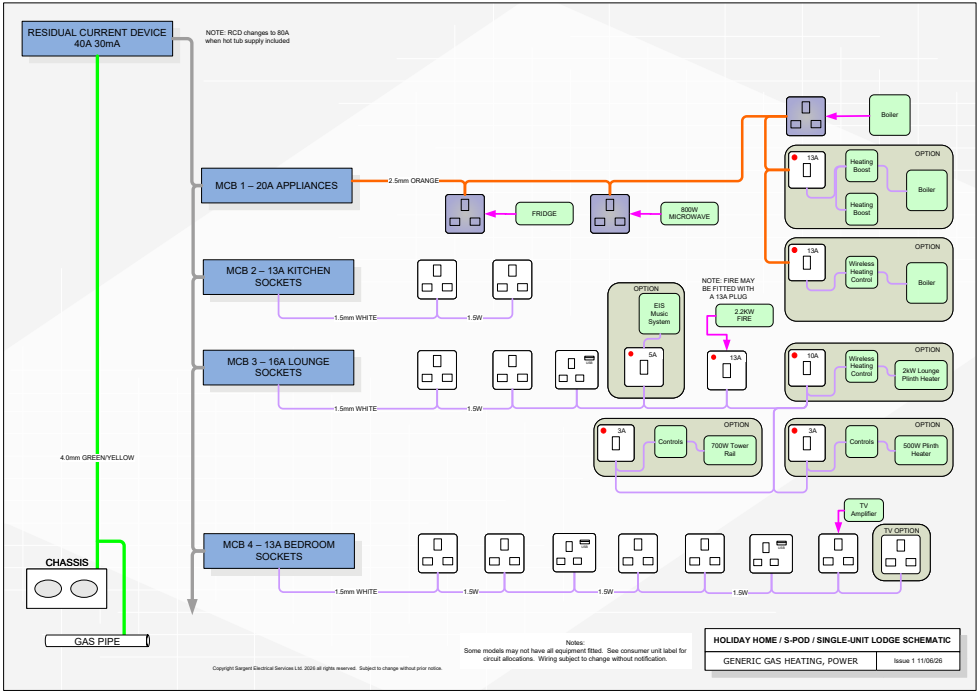


16.4 Plumbing (typical heating system)

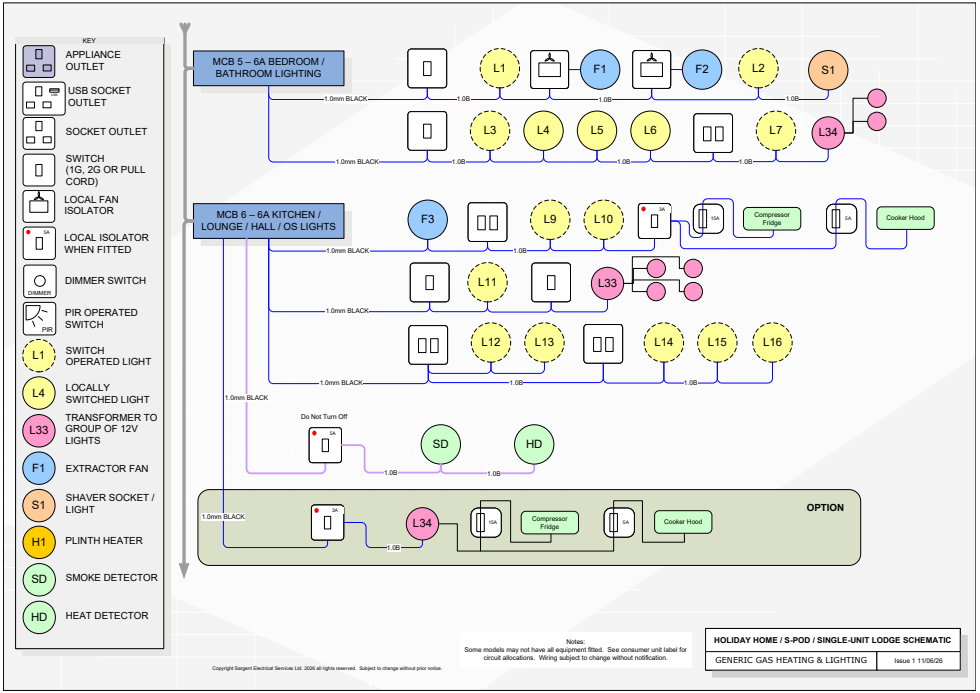


16.5 Generic Gas, Heating and Power Schematic

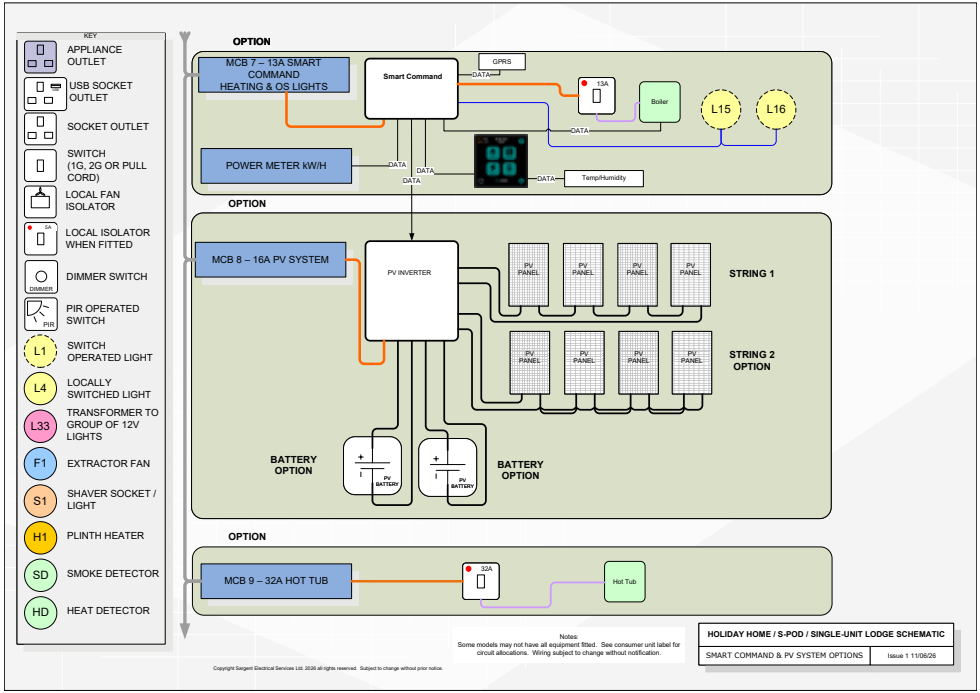
These electrical schematics describe the typical installation found in a holiday home. Various electrical options are available which may be fitted over and above the specification shown. Please consult your retailer/installer, the Swift Group Ltd or Sargent Electrical Services if further information is required.



16.6 Generic Gas, Heating & Lighting Schematic

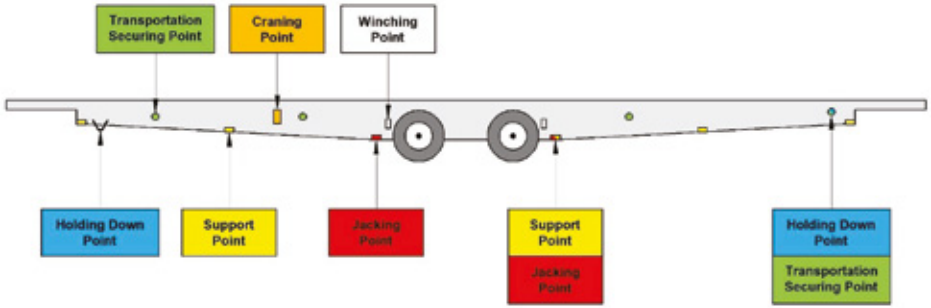


16.7 Smart Command PV System Schematic



16.8 Chassis marking

Craning point **(where fitted)**	Orange
Holding down point	Blue
Jacking point	Red
Support point	Yellow
Transportation securing point **(where fitted)**	Green
Winching point	White



Index

Symbols

3 Year SuperSure Warranty 10
5 Year Structural Warranty 10
10 Year Chassis Warranty 10

A

After sales 12
After sales support and service 12
Alignment and adjustment of doors 55
Aluminium panels 52
Anchors 17

B

Blockages 52
Bulbs 35
Bunk beds (where fitted) 50

C

CanExel panels 53
Carpet 63
Central heating and hot water system 38
Changing gas cylinders 29
Chassis marking 121
Chassis specification 18
Children 6
Cleaning 61
Common electric fault finding 34
Condensation 69
Cooker hood 42
Cooking Equipment 46
Craning 14
Creasing 61

D

Dishwasher (if fitted) 43
Door and window handles 53
Door and windows 53
Doors and window hinges 53
Do's and don'ts for UPVC products 54
Drain down procedure (fixed shower head) . 60

E

Electrical lounge fire/heater (if fitted) 42
Emergency action procedures 5
Escape paths 6
Exterior panels 52
External aerial positioning 63, 64
External dimensions 72, 75
External structure 52

F

Fire Alarms 24
Fire and asphyxiation risks 5
Fire fighting 24
Fire precautions 22, 24
Fridge/freezer 42
Furnishings 61
Furniture 64

G

Galvanised Chassis 52
Gas commissioning notice 28
Gas Cylinders 66
Gas hob 42
Gas oven and Grill 42
Gas oven / Grill / Hob 46
Gas regulators 29
Gas safety 30
General care for wooden furniture 62
Generic Lighting 119, 120
Generic Schematic 118
Guide to Snow Loading Grades 17

H

Hob extractor (if fitted) 43
Holiday home aluminium cladding 11

Index

I

In the event of fire 5
In the event of gas leakage 5

J

Jacking 15
Jacking Procedure 16

K

Kitchen and bathroom 59

L

Lights and alarms 66
Lock cylinder 53
Lock keep adjustment 58
Low pressure flexible hoses 29

M

Mains electricity and wiring 34
Microwave oven 42
Mould growth 70

O

Operation of door locks 53
Operation of window night vents 53

P

Plumbing (typical heating system) 117
Plumbing (typical water system) 116
Protecting your bath thermostatic mixer valve (where fitted) 61
Protecting your holiday home and possessions 66
Protecting your Thermostatic Mixing Tap ... 60
Pull out sofa bed (where fitted) 50

R

Radiator valves 38

S

Safety 5
Safety Advice to Users 24
Safe use of electricity 6
Selection of Jack 15
Siting 14
Snow loading 17
Spills and stains 61
Spreader plates 16
Supporting the chassis 15
Surface protection 63
Swift Shield fabic (where fitted) 63

T

The LPG system 28
Thermal insulation 38
Thermostatic mixer valve (shower) 59

U

Upholstery care 61
Using cylinders 28

V

Ventilation 6
Vinyl floor covering 63

W

Warranties 10
Washing machine (if fitted) 43
What happens inside the cylinder 28
What to do in case of fire 25
Wheel chocks 16
Window friction stays 53
Windows and doors 66
Wine cooler (if fitted) 43
Winterisation 68

Index



SWIFT GROUP

Dunswell Road
Cottingham
East Yorkshire
HU16 4JX
Tel: 01482 875740

Customer Experience Team
enquiries@swiftleisure.co.uk

Find out more at **swiftgroup.co.uk**