

# CLIMADOOR

SUPERIOR QUALITY – REALISTIC PRICE



## Climadoor French Door and Sidelight Vestibule Frame assembly and installation instructions

**IMPORTANT** PLEASE READ AND UNDERSTAND THESE INSTRUCTIONS PRIOR TO COMMENCING INSTALLATION.

All doorsets supplied unfinished should be fully decorated prior to installation. This product is designed to comply with Part L & Part F of the building regulations. Part M primary access compliance is only achieved if all doors leaves are opened and is dependant on the installation detail used. If in doubt consult your building designer. All loads are taken on the head track (to ensure smooth, light operation and long life) thereby avoiding troublesome bottom track loading prone to dirt and restriction. Prior to installing this doorset, inspect for damage and do not proceed to fit if any noticeable damage or defect is evident. This doorset should be stored in a dry flat location before installation.

### CAUTION



**SAFETY:** This product needs to be installed by a competent tradesperson with assistance. Two people are required to carry out the installation, as some components are heavy. The outer frame requires fixing to the supporting structure above the opening. The Lintel **MUST** be capable of carrying the load of the doorset in all conditions. If in doubt check with a structural engineer.

# D Fitting and Fixing Instructions

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## 01 INTRODUCTION

The Climadoor Classic & Supreme French door ranges offer great flexibility to meet a range of sizes of openings from 1200mm wide through to 3000mm wide openings. These "open out" French doors with sidelights, give modular opening sizes from 2100mm, 2400mm 2700mm and 3000mm using standard sets of doors.

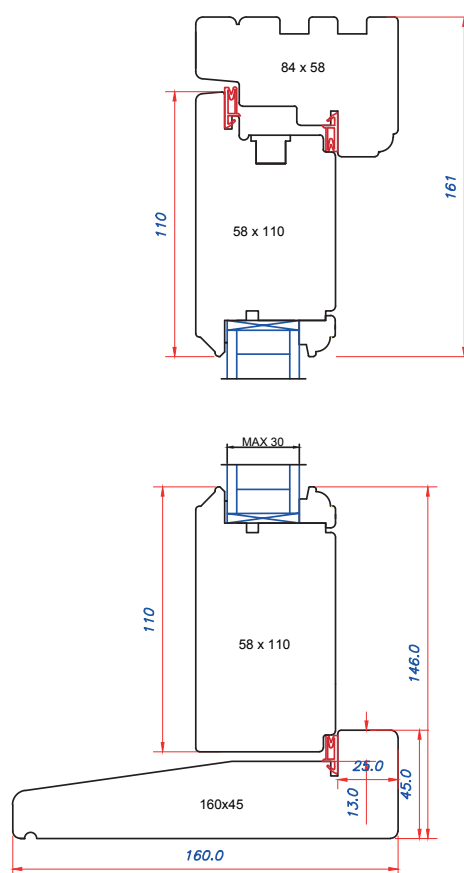
## WHY CLIMADOOR?

- Frame & Sidelights ready assembled
- Most hardware ready fitted
- Superb thermal & weather performance
- Double rebated 58mm Doors
- Multipoint Locking

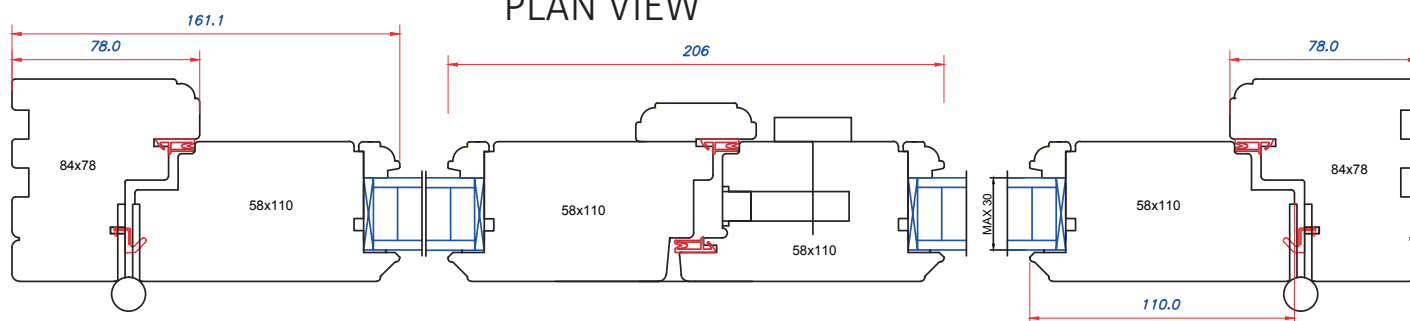
## PACK CONTENTS

Qty	Description
1 off	<b>Vent</b> (ATTACHED TO FRAME)
1 off	<b>Espagnolette</b> (ATTACHED TO DOOR)
6 off	<b>Butt Hinges</b> (BOXED)
2 off	<b>Shootbolts (Slave Doors)</b> (ATTACHED TO DOOR)
1 off	<b>Pair Handles</b> (BOXED)
1 off	<b>Universal Timber Centre Keep</b> (ATTACHED TO DOOR)
4 off	<b>Keep (Hook)</b> (ATTACHED TO DOOR)
1 off	<b>Cylinder Lock / Keys</b> (BOXED)
1 off	<b>Fitting Instructions</b> (BOXED)
60 off	<b>Screws 4 x 40mm</b>
24 off	<b>Screws 5 x 90mm</b>

## SECTION VIEW



## PLAN VIEW



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### 02 STRUCTURAL OPENING SIZES AND FRAME SIZE REQUIREMENTS

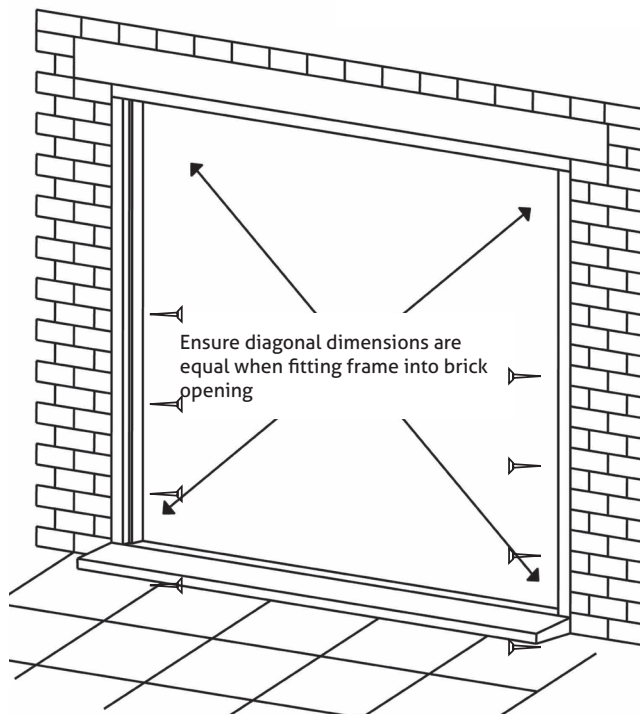
TABLE A

Product size option required	Door and sidelight option	Brickwork Opening size W x H	Outer frame size W x H
1200	1200 pair only	1205 x 2105mm	1190mm x 2090mm
1500	1500 pair only	1505 x 2105mm	1490mm x 2090mm
1800	1800 pair only	1805 x 2105mm	1790mm x 2090mm
2100	1200 + 2 x 450	2105 x 2105mm	2090mm x 2090mm
2400	1500 + 2 x 450	2405 x 2105mm	2390mm x 2090mm
2700	1500 + 2 x 600	2705 x 2105mm	2690mm x 2090mm
3000	1800 + 2 x 600	3005 x 2105mm	2990mm x 2090mm

### 03 INSTALLING THE FRAME

- Prior to installing the frame, check the building structure for a secure fixing position. This is due to the weight of the finished door set. then use a suitable fixing method (eg frame fixings/ties)
- Fixing of the frame and fitting of any dampproof course and bedding is the responsibility of the installer, and must be carried out as in normal building practice to prevent water penetration.
- Jambs must be straight when fixed to brickwork.
- Build-in or fit the frame into the masonry opening ensuring that the cill is level and diagonal measurements equal (See Fig 7.)
- Check the squareness of the frame and that the jambs plumb.
- Frame should be set in the reveal to such an extent that the sill overhangs the brickwork.
- Use appropriate sealer to fill gaps between frame and brickwork on all sides.

Fig 7



### 04 HANGING THE DOORS

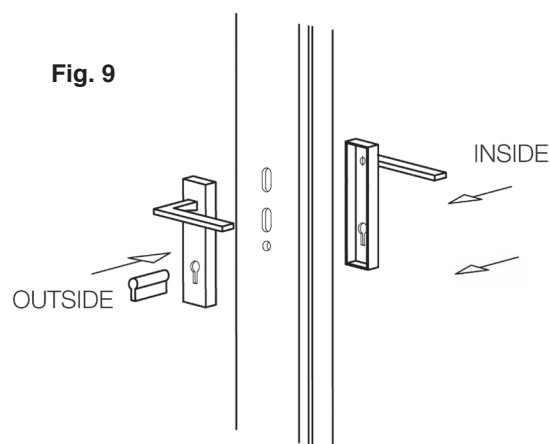
- Fix the hinges to the rebated areas on the doors.
- Pilot drill & then fix using N° 4 x 40 screws.
- Then attach the doors to the frame using N°4 x 40 screws.

**Please note** If the frame isn't square, the doors could be misaligned & the lock may be difficult to operate.

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### **05 FITTING THE HANDLES AND CYLINDER LOCK**



### **06 GUARANTEES AND PRODUCT MAINTENANCE**

#### **PREFINISHED DOOR SETS**

All pre-finished Climadoor door sets come with finish guarantees. However they must be well maintained and re-coated as and when necessary before the coating breaks down. Moisture must not be allowed to penetrate the timber during the life of the product. It is very important the finish on your Climadoor door set is checked every six months for deterioration, and re-coated if necessary. This will maintain the decorative finish and ensure that no moisture enters the timber of the doors and frames during the life of the product giving long lasting performance. All our finish guarantees are offered in accordance with EN927/1-7.

#### **IMPORTANT**

Any surfaces subsequently cut, particularly those exposing end grains, must be brush coated with preservative and if required for paint finish must also be primed before the joinery is fixed in position in accordance with British Standards or Euro codes.

Standard insulating glass units must not be used in areas of high humidity, e.g. swimming pools or similar. They should also not be used within 300mm from a door or within 800mm of the floor.

Regular maintenance of the paint or stain finish of the frame is essential for the long-term performance of all the components of your patio doorset. The period between maintenance checks will vary depending on the type of paint or stain finish and also the local conditions for the site. External joinery products must be cleaned at a maximum of six monthly intervals using a mild non-abrasive cleaner and soft cloth. Both internal and exterior faces should be cleaned.

Finished joinery is guaranteed against blistering, cracking, flaking or erosion excluding natural resin exudation and movement around knots.

Twice annually an inspection should be made and touching up carried out as necessary in areas of wear and tear

(for example, exposed areas of sills or where the paint film has been breached).

Guarantees to the finished product are also on condition that:

- No physical or chemical damage to the doorset or coating has occurred
- No repairs or alterations to the surrounding buildings have occurred which are detrimental to the joinery performance.
- No failure of the coating has occurred caused by failure of ancillary products, or glazing.
- No damage to the coatings has occurred prior to, or during, installation.
- No damage to the coating has occurred, caused by bad maintenance of the building or poor design of the building.

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### **07** **HARDWARE MAINTENANCE**

Make regular checks to ensure that any drainage holes, channels and spaces are kept clear. Use a soft flexible brush or pipe cleaner with care to remove obstructions.

#### **HINGES**

Wipe down the visible surfaces with warm soapy water on a soft rag and then rinse off by wiping with a clean damp rag. Application of a thin film of a light machine oil or one of the corrosion preventative sprays will help to maintain the original lustre of the metal finish. Be careful not to get these compounds on the timberwork itself as they may cause staining.

#### **DROPBOLTS**

Spray application of a suitable lubricant to the sliding pin inside the bolt and to the lock cylinder is recommended. A tube attached to the nozzle will help to concentrate the spray where you want it to go. There are access holes or slots on all dropbolt products so that this can be done without removing the locks from the doors.

### **FREQUENCY**

The procedures mentioned above need to be carried out as often as is necessary to prevent deterioration in the installed environment, however we recommend the following minimum frequency of application:

- General environments 6 monthly
- Marine and industrial environments 3 monthly

Regular maintenance is required to all hardware, even stainless steel; otherwise the manufacturer's warranty may be voided.

Exceptional wear and tear of hardware through extreme use is not covered. Climadoor will accept no responsibility for products cut down in size after receipt, or when utility or structural strength is impaired in fitting or application of hardware.

Hinges, aluminium rails and other hardware fitted must never be painted, and must be kept clean and lightly lubricated at all times. Use Vaseline or neutral oil. Keep rivets and moving parts lightly lubricated. Lubricate at least once a year, in coastal areas and/or places with high pollution, clean and Lubricate more often.

The fitting instructions where supplied must be followed and the assembly, fitting procedures described must be strictly adhered to.



NOTES:



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