



Tools and Materials Needed:

- Tape measure
- Spirit level
- Pencil
- Drill and appropriate drill bits
- Screwdriver (manual or electric)
- Hammer
- Chisel
- Wood shims/spacers
- Screws (as specified in the door set instructions)
- Door hinges (3 per door)
- Latch and pair of handles (non-specialist, unless specified)
- Wood saw
- Wood filler
- Sandpaper
- Paint or finish (as required, excluding Danish oil)

This CLIMADOOR internal French door set does not come with hardware or furniture. You will need to provide 3 hinges per door, a latch, and a pair of handles. For industrial-style black French door kits with narrow styles, a narrow backset latch may be required. Contact your CLIMADOOR approved retailer for certainty on the specific hardware needed.

1. Preliminary Preparation:

- Check whether the door frames and/or doors are unfinished or primed. If they are primed or unfinished, apply the desired finish (paint, stain, varnish) to all applicable timber parts before installation. Follow the finish manufacturer's guidance to ensure proper application and drying. Note that Danish oil should not be used.
- Ensure all parts are completely dry before proceeding with the installation.
- Clear the workspace and have all tools and materials at hand.

2. Opening Preparation:

- Ensure the opening is square and level. Measure the width and height of the door frame to confirm it matches the dimensions of the French doors.

3. Assembling and Installing the Door Frame:

- The CLIMADOOR set comes with an adjustable frame that can fit multiple sizes. Measure the width of your opening to determine the necessary width for the head piece of the frame.
- If the head piece is too long, mark the excess length and use a saw to cut it down to the correct size. Ensure the cut is straight and clean.
- The frame packs head and jambs are to be butt jointed. Place the head piece on a flat surface and align the side jambs at each end to create a butt joint. Make sure the joints are square.

- Drill pilot holes and use screws to attach the side jambs to the head piece securely.
- Place the assembled frame into the opening and use wood shims to ensure it is level and plumb. Check the alignment with a spirit level.
- Secure the frame to the opening using screws, ensuring it is firmly fixed and does not move.

4. Attaching Hinges and Hanging the Door:

- Place the doors within the frame to check the fit. Ensure there is a consistent gap of approximately 2-3mm at the top and sides, the required under-door clearance (undercut) will depend on your floor covering. We recommend a clearance of at least 7mm.
- Mark the hinge positions on the door and the frame. Typically, hinges are placed 150mm from the top and bottom of the door, with a third hinge centred between them.
- Attach the hinges to the doors and frame, ensuring they are securely fixed.

5. Fitting the Timber Pairmaker (T-piece):

- A timber pairmaker (T-piece) is supplied and should be fitted to the slave door to form a rebate for the master door to close up to.
- When offering up the doors to the opening, ensure clearances are correct, considering the added thickness of the T-piece.
- The slave door may need trimming down to accommodate the T-piece. Measure and trim the slave door as necessary to ensure a proper fit.

6. Hanging the Doors:

- Hang the doors within the frame, checking that they open and close smoothly. Ensure the master door closes neatly against the T-piece on the slave door.

7. Installing the Latch and Handles:

- Mark the position for the latch on the edge of the doors, ensuring it aligns correctly when the doors are closed.
- Drill holes for the latch mechanism and the door handles as per the manufacturer's instructions.
- Fit the latch mechanism into the door and attach the door handles.

8. Adjustments and Finishing:

- Make any final adjustments to ensure the doors are level and aligned properly.
- Fill any gaps or screw holes with wood filler and sand smooth once dry.
- Paint or finish any remaining parts as desired, ensuring to follow the paint or finish manufacturer's instructions for the best results.

9. Final Check:

- Open and close the doors several times to ensure smooth operation.
- Check that all screws are tight and secure.

Tips:

- If the doors are slightly misaligned, adjust the hinges by loosening and re-tightening the screws.
- Use a spirit level frequently to check the alignment throughout the installation process.