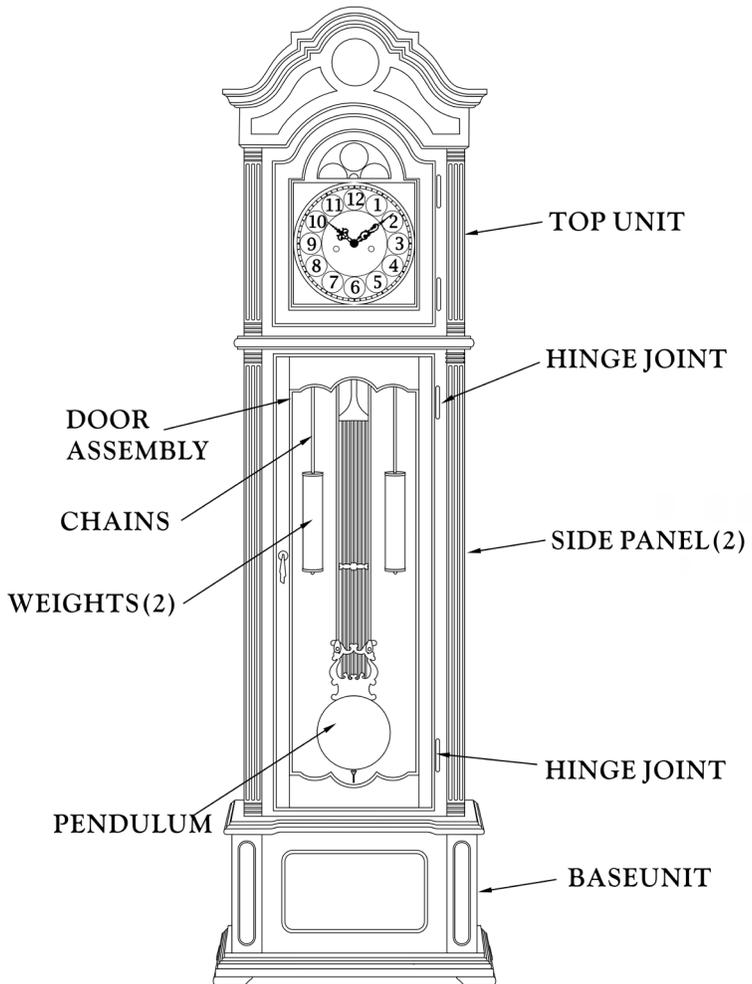

***GRANDFATHER
CLOCK***

INSTRUCTIONS



Congratulations! You are now the proud owner of a fine timepiece. It has been carefully designed and crafted to give you years of dependable operation. Read this booklet thoroughly before assembling and operating your clock in order to become familiar with its many features and assure proper performance. Keep these instructions in a safe place for future reference.

ATTENTION

In order to ensure that your clock is stable, adjust the levelers at the bottom of the clock. As an added safety feature, a support strap has been provided that is fixed to the top of the clock and must be attached to the wall. It is recommended that you do so.

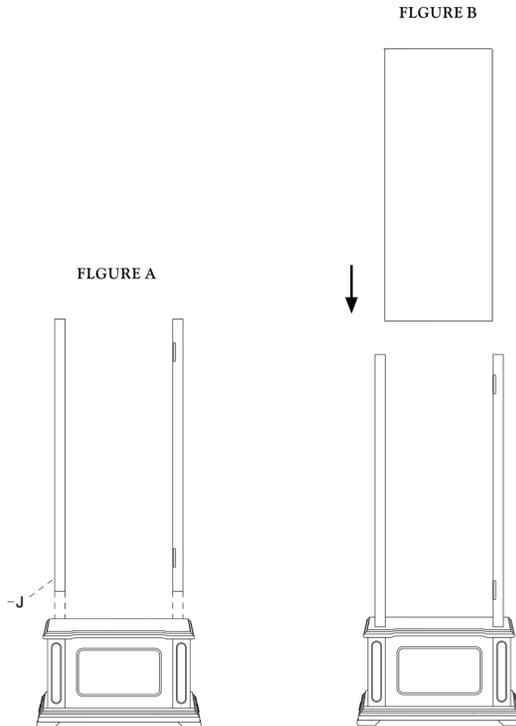
HOW TO ASSEMBLE YOUR CLOCK CABINET

1. Carefully unpack all parts and compare each item to the following list to be sure you have everything required.

QUANTITY	DESCRIPTION
1	Base Unit
2	Side Panels
1	Top Unit (with door, dial and movement)
1	Back Panel
1	Front Door with Glass (hinges on right)
1	Pendulum
8	Screws (Phillips head)
8	Washers
2	Weights
2	Hinge Pins

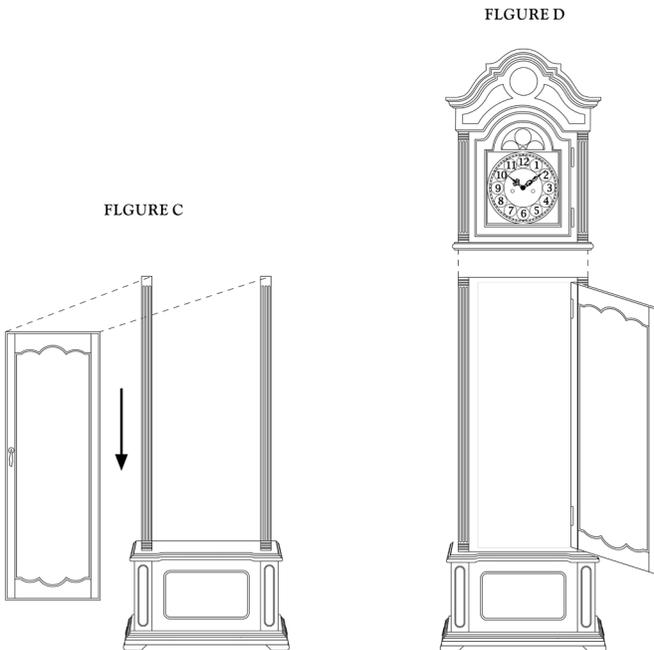
2. Place the BASE UNIT near its final position but leave it away from the wall until the assembly is finished.

3. Fit the SIDE PANEL without hinges into the grooves in the base unit on the left side of the clock and attach it from the inside with two of the SCREWS and the FLAT WASHERS (Figure A) using a Phillips head screwdriver. Repeat the process using the side panel with the hinges on the right side of the clock.
4. Fit the BACK PANEL into the grooves in the side panels at the back of the cabinet and the bottom unit (Figure B).



5. Slip the pre-hinged front door into place by lowering it over the matching hinge on the right side panel (Figure C). Take your time lining up both parts slowly and it will drop into position. Insert hinge pins into hinges.
6. Carefully fit the TOP UNIT down onto the side panels. Be sure to keep the side panels straight while working (Figure D). Attach the top unit with the four remaining screws and washers in the same manner as the side panels.

NOTE: At this point the cabinet is assembled.



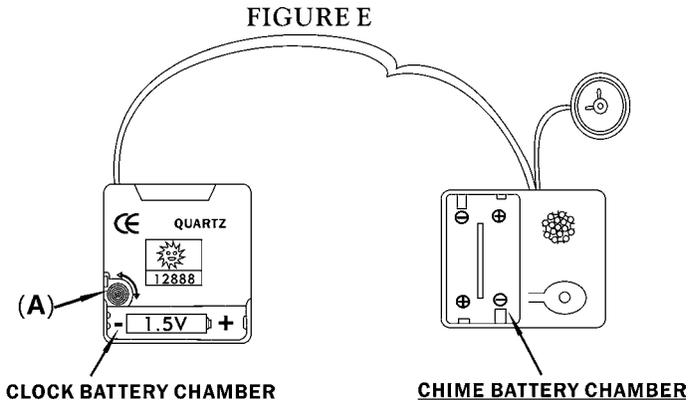
7. How to hook the weights:
Hook the WEIGHTS on the end of the CHAINS located on the bottom inside edge of the top unit.
8. The clock can be aligned and made vertical through adjusting the four feet at the bottom.

TIME AND CHIME SETTING:

This timepiece plays a Westminster chime melody on the hour and has an automatic shut-off. The clock does not chime between 10:00 pm and 6:00 am. To ensure that your clock functions correctly, please follow the time and chime setting precisely. The clock will chime during the day and will automatically turn off at night.

1. Pull upwards the back panel of the top unit.
2. Before inserting batteries, set the clock to 6:05 am (5 minutes past 6) with knob A.
3. Insert 1AA alkaline battery into the clock battery chamber according to the positive (+) and negative (-) symbols.
4. Insert 2AA alkaline batteries into the chime battery chamber according to the positive (+) and negative (-) symbols. Make sure the batteries are secure in the holder. The clock will chime automatically and toll 6 times.
5. Now turn hands (using knob A) slowly to the present hour in a clockwise direction. Remember that the clock started at 6:05 in the morning. If setting at night, lets say 9:20 pm, then the hands will be turned thus – 7, 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6, 7, 8, 9 then 9:20. The last strike you hear will be 9 times.

NOTE: When moving hands to the present time, the clock will begin chiming. Do not be concerned about this. The last strike you hear after setting the clock at the appointed time will be the correct one.



6. When replacing batteries remember that all the above must be repeated from point one. i.e. the clock must be started again at 6:05 am. Therefore, please do not throw these instructions away as by the time the batteries have to be replaced, you may have forgotten how to set the clock.
7. To eliminate chimes, remove the two batteries from the chime battery chamber.
8. Never turn clock hands counter-clockwise as it will interrupt the chime sequence and damage the clock.

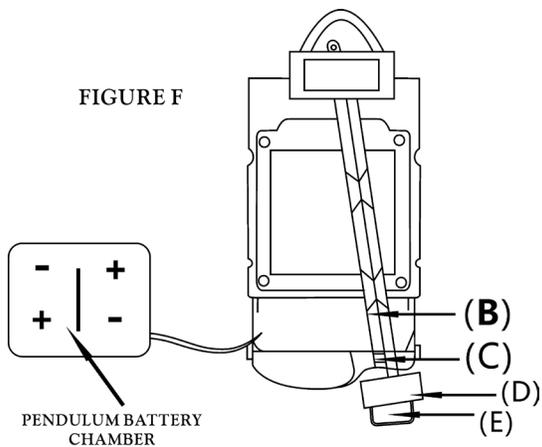
NOTE: When the batteries are low, the chimes will not remain coordinated with the time on the clock. When this happens replace with new alkaline batteries and reset the clock as above.

PENDULUM SETTING

1. Insert 2 C alkaline batteries into the pendulum battery chamber. Ensure that the positive (+) and negative (-) symbols are as shown (Figure F).

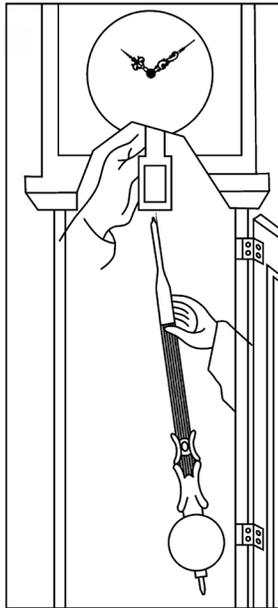
NOTE: The small black plastic pendulum may be attached to the casing to prevent swinging during transport.

2. Use a small amount of pressure to loosen the pendulum and allow it to swing freely.



3. Attach the main pendulum to the base of the black pendulum.
Make sure the silver side of the pendulum bob faces the front of the clock.
4. Once the main pendulum is attached, give it a slight push sideways to start it swinging.

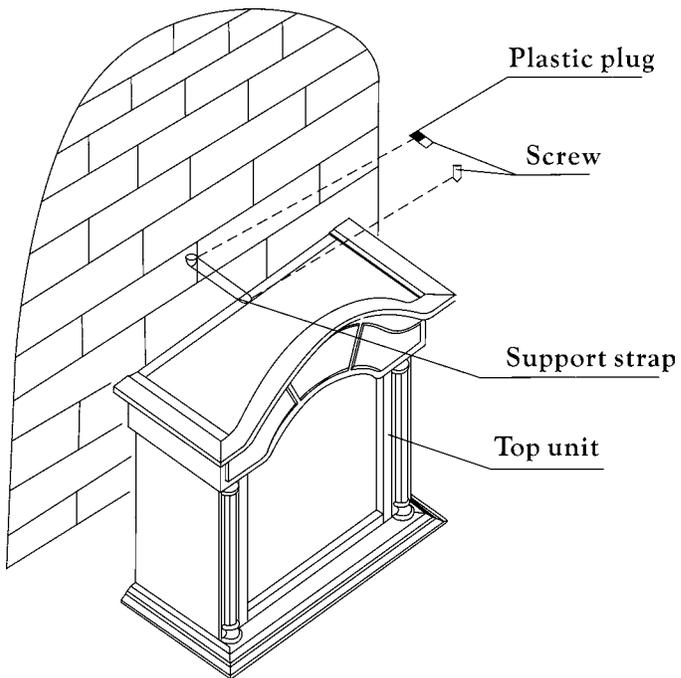
FIGURE G



Hanging the pendulum

ATTENTION:

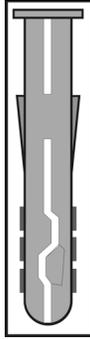
In order to ensure that your clock is stable, adjust the levelers under the clock. As an added safety feature, a support strap has been provided and is fixed to the top of the clock. It is recommended that you attach the clock to the wall using this strap as shown below. Take note of the wall mounting guide on the following pages.



A Guide to Wall Mounting & Fixings

Important note:

Important note:
If plastic wall plugs
product:



-these are only suitable for
use in masonry walls.

If you are in any doubt about
the correct wall plugs for
your wall, seek professional
advice.

Failure of the product due
to using incorrect fixings is the
responsibility of the installer.



Important: when drilling into walls always
Check that there are no hidden wires or pipes etc.

Make sure that the screws and wall plugs being used
are suitable for supporting your unit. Consult a qualified
tradesperson if you are unsure.

Hints:

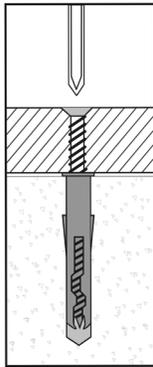


- 1: General rule: Always use a larger screw and wall plug
if you are not sure.
- 2: Ensure you use the recommended drill bit to match the wall
plug and hole size.
- 3: Ensure you drill the hole horizontally, do not force the drill or
Enlarge the hole.
- 4: Take extra care when drilling high walls, ceilings and ceramic
tiles. Ensure wall plugs are inserted beyond the thickness of
the ceramic tiles to avoid the tiles splitting or cracking.
- 5: Ensure wall plugs are well fitted and are a tight fit in the
drilled hole.

Types of walls

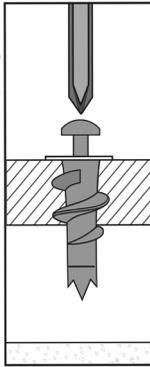
You can use one of the following types of wall plug if your walls are made of brick, breeze block, concrete, stone or wood.

No.1 " General Purpose" wall plug



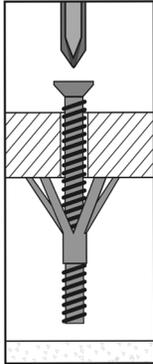
Generally aerated blocks should not be used to support heavy loads, use a specialist fitting in this case. For light loads, general purpose wall plugs can be used.

No.2 " Plasterboard" wall plug



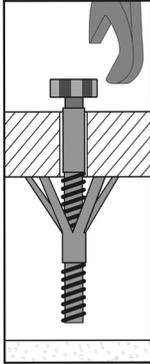
For use when attaching light loads on to plasterboard partitions

No.3 " Cavity Fixing " wall plug



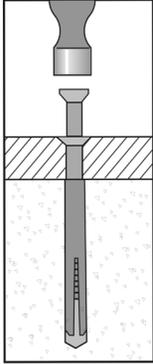
For use with plasterboard partitions or Hollow wooden doors.

No.4 " Cavity Fixing - Heavy Duty" wall plug



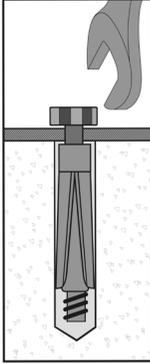
For use when attaching light loads on to plasterboard partitions

No.5 " Hammer Fixing " wall plug



For use with walls stuck with Plasterboard. The hammer fixing allows it to be fixed to the wall rather than the plasterboard. Always check the fixing is secure to the retaining wall.

No.6 " Shield Anchor " wall plug
Heavy loads



For use with heavier loads such as TV & HiFi speakers and satellite dishes etc.



Care & Maintenance

Safety: Always check the fitting and location to ensure your safety in and around the home.

Fitting: From time to time check the fitting to ensure the wall plugs or screws do not become loose.

