KINCROME®

PROFESSIONAL QUALITY TOOLS

# MULTI-RACK STORAGE SOLUTION

- 310 MILLIMETER SHELF DEPTH
- DIY INSTALLATION
- 6 LEVELS OF STORAGE
- POWDER COATED STEEL

**300 KILOGRAM MAX. CAPACITY**




**KP1101**

KINCROME
PROFESSIONAL QUALITY TOOLS

# MULTI-RACK STORAGE SOLUTION

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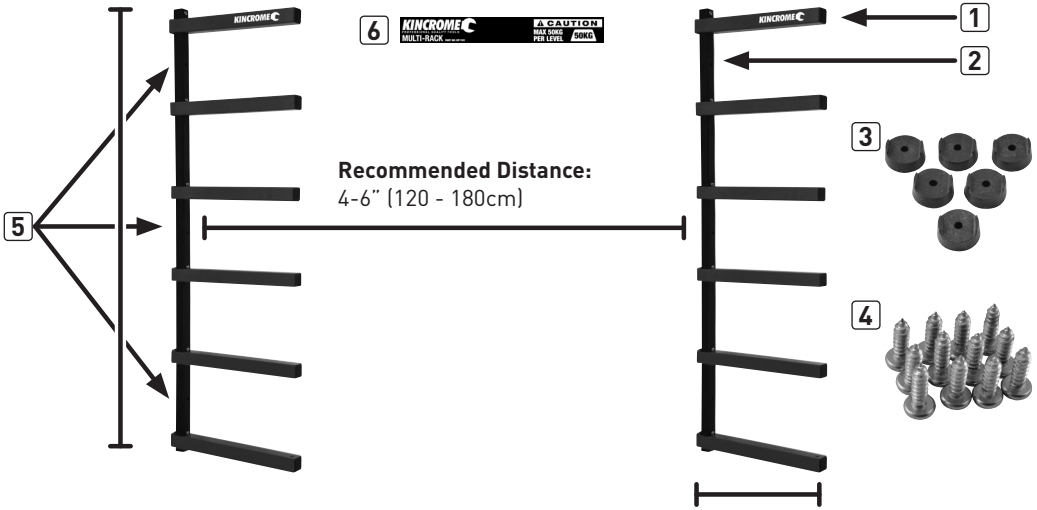
## Know your product

**1.** Horizontal Cross Bars x 12
**2.** Vertical Bars x 2
**3.** Wall Spacers x 6
**4.** Self Tapping Screws x 12
**5.** Wall Anchor Holes x 6 (3 each side)
**6.** Product Safety Labels x 12




**Height:** 39" (99.6cm)

**Shelf Depth:** 12.25" (31.1cm)

| | |
|---|---|
| **Model No:** | **No. KP1101** |
| **Maximum Weight Capacity:** | **50kgs per Shelf** |
| **Total Maximum Weight Capacity:** | **300kgs Over 6 Shelves** |
| **Horizontal Bar Specifications:** | **30mm x 30mm x 1.6mm x 1000mm** |
| **Vertical Bar Specifications:** | **25mm x 25mm x 1.6mm x 330mm** |
| **Wall Spacers:** | **32mm Diameter x 11mm Thick** |
| **Self Tapping Screws:** | **10G x 16mm Pan Head Phillips Drive** |
| **Net Weight:** | **6.7kgs** |

## GENERAL SAFETY WARNINGS




Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in damage to your structure, electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

### Caution:

- Before drilling into wall structures, ensure that there are no concealed power cables, plumbing pipes or electrical wires in the cavity.
- Ensure that the structure your are fastening the Multi-Rack onto is sound in construction and is capable of withstanding the maximum load rating of a fully loaded rack.
- Obtain professional advise if you are unsure that your structure can withstand the maximum load rating of a fully loaded rack prior to installation. (The cost for such professional advise is not covered by Kincrome)
- Inspect all Multi-Rack components for and kind of defects prior to assembly and installation.
- Ensure that you use adequate structural fasteners to install the multi-rack to your structure. Obtain fastener type advise from your local hardware store or fastening specialist.

## SERVICE

Have your multi-rack serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety and structural integrity of the multi-rack is maintained.

## Multi-Rack User Instructions

Congratulations on purchasing your Kincrome KP1101 Multi – Rack. The KP1101 will enable you to safely and securely store all your shed and garage materials within the multi-rack wall storage solution system. Please thoroughly read and understand all safety and user installation instructions prior to assembly and the installation of the multi-rack. Please also take time to familiarize yourself with the weight limitations of the product to ensure the product does not become overloaded as this could compromise the integrity of your chosen installation method or lead to damage of the product.

## KP1101 Assembly

Remove all of the multi-rack components from the box and dispose of all the packaging materials thoughtfully and as per your local council guidelines.

1. Place a vertical bar (2) onto a flat surface. On the vertical bar (2) locate the 3mm predrilled hole positioned approx. 13mm from the bottom of the bar (fig1).
2. Use one of the supplied self tapping screws (4) and a Phillips Head Screwdriver (not supplied) and screw the self tapping screw into the pre drilled 3mm hole in a clockwise direction until tightly secured (fig2).
3. Repeat step 2 on the second vertical bar.
4. Stand up one of the vertical bars (2) with the self tapping screw (4) facing to the outside (fig 3).
5. Slide a horizontal bar (1) onto the vertical bar (2) through the square hole on the rear of the horizontal bar (1) ensuring that the notch is located to the front underside of the horizontal bar (1) (fig 4).
6. Continue to slide the horizontal bar (1) all the way down the vertical bar (2) until the horizontal bar (1) rests on top of the self tapping screw (4) located on the bottom of the vertical bar (2) (fig 5).
8. Locate the next predrilled 3mm hold above the horizontal bar (1) that you have just installed.
9. Use another self tapping screw (4) and a Phillips Head Screwdriver (not supplied) and screw a self tapping screw into the predrilled 3mm hole in a clockwise direction until tightly secured.
10. Slide another horizontal bar (1) onto the vertical bar (2) through the square hole on the rear of the horizontal bar (1) until the horizontal bar (1) rests on top of the self tapping screw (4).
11. Repeat steps 8, 9 & 10 until you have assembled all 6 horizontal bars (1) onto the vertical bar (2) (fig6).
12. Repeat steps 4-11 until you have fully assembled both sides of the multi-rack.

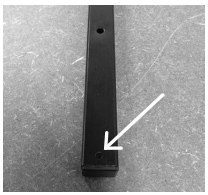


Fig 1


Fig 2

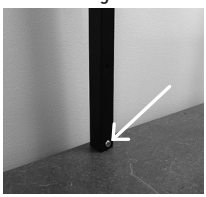


Fig 3

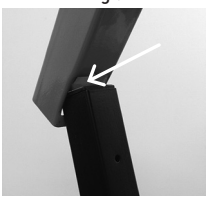


Fig 4

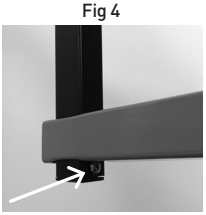


Fig 5

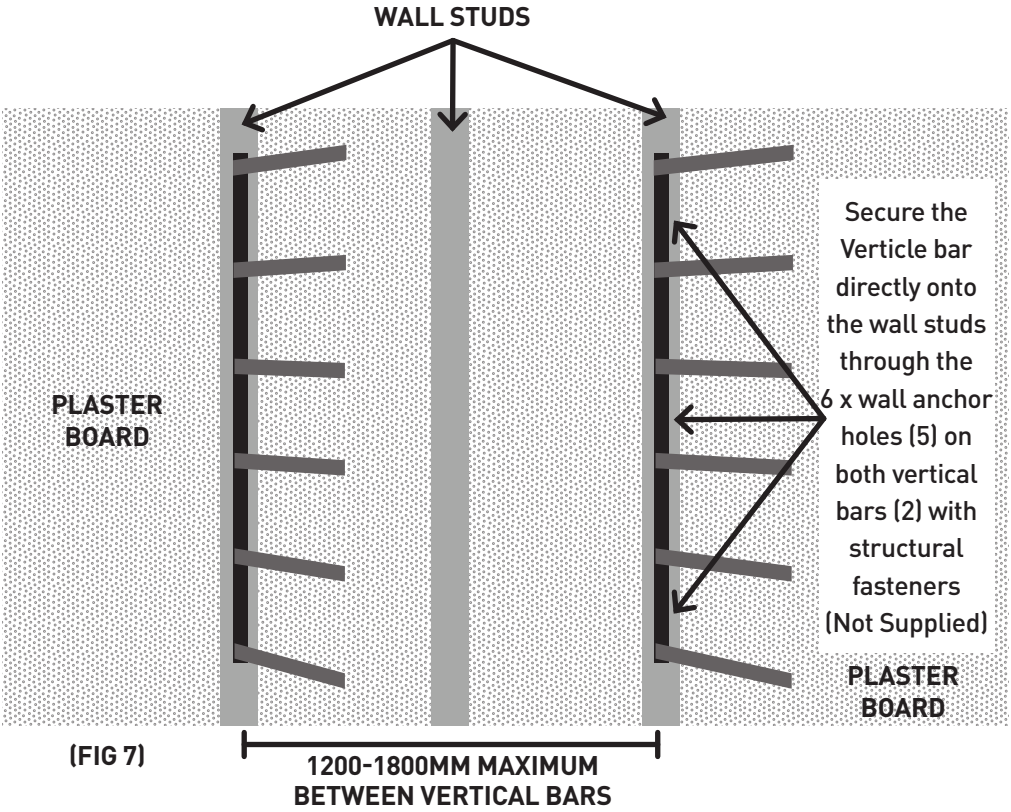

Fig 6

## Installation of the Multi-Rack

**IMPORTANT!** Prior to installing your multi-rack ensure that the structure you are wanting to install the multi-rack onto can withstand the maximum load rating of a fully loaded multi-rack containing 300Kgs.

## Installing the Multi-Rack onto a Plaster Board Wall (Directly into the Wall Studs)

1. Using a stud finder locate and mark 2 structural studs hidden behind the plaster board sheet. Ensure that you can locate a structural stud directly behind both vertical bars (2) with a maximum distance between the two vertical bars (2) of 1200mm to 1800mm.
2. Secure one of the multi-rack vertical bars (2) to the vertical support stud you have just located behind the plaster board by passing your wall fasteners (not supplied) through a wall anchor hole (5) located in the vertical bars (2), then through the wall spacers (3). Then screw your wall fastener into the wall studs located behind the plaster board tightly.
3. Locate the second vertical bar (2) onto the other stud you have located behind the plaster board and ensure that the two vertical bars (2) are aligned horizontally so that the shelves are levelled correctly and fasten the second upright to the support stud as described in point 2.
4. Repeat the fastening process across all 6 wall anchor positions (5).
5. Ensure that all wall fasteners as tightened correctly before you load the multi-rack to capacity (fig 7).

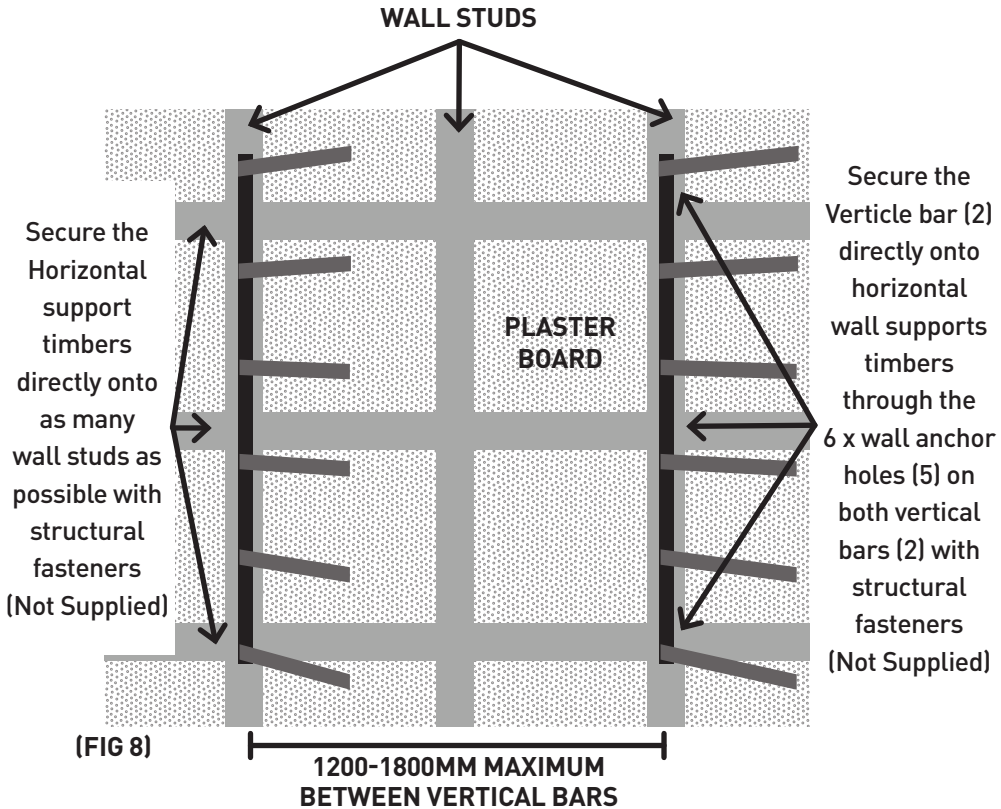



(FIG 7)

## Installing the Multi-Rack onto a Plaster Board Wall (Using Additional Support Timbers)

Note: To provide additional structural support it is recommended that you add 3 horizontal structural support timbers (such as 75mm x 35mm pine) behind the multi-rack. Adding the 3 horizontal structural support timbers will enable you to obtain additional multi-rack installation support as you can secure the 3 horizontal timbers to more than 2 upright support studs behind the plaster board sheet.

1. Secure one of the multi-rack vertical bars (2) to the horizontal support timbers you have just installed by passing your wall fasteners (not supplied) through the 3 wall anchor holes (5) located in the vertical bars (2) then through the wall spacers (3). Then screw your wall fastener into the horizontal support timber tightly.
2. Locate the second vertical bar (2) onto your horizontal structure support timbers and ensure that the two vertical bars (2) are aligned horizontally so that the shelves are levelled correctly then fasten the second vertical bar (2) to the horizontal support timber as described in point 1.
3. Repeat the fastening process across all 6 wall anchor positions (5).
4. Ensure that all wall fasteners as tightened correctly before you load the multi-rack to capacity (fig8).

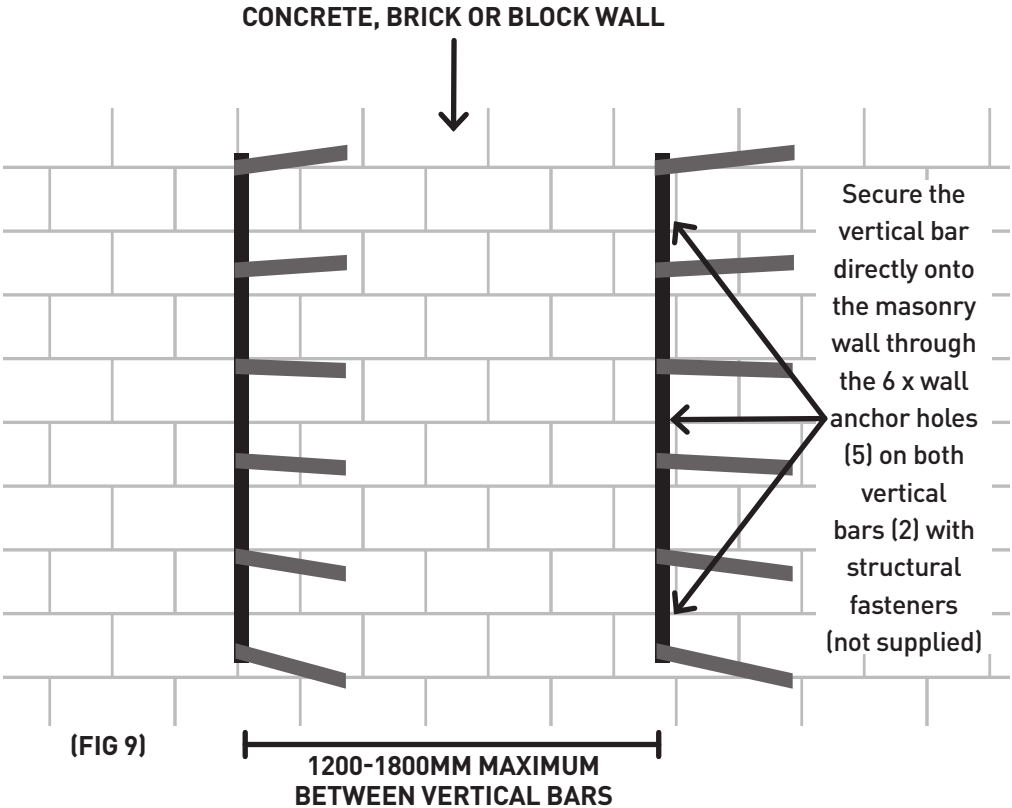



(FIG 8)

## Installing the Multi-Rack onto a Concrete, Brick or Block Wall

Note: Ensure that your wall is of sound structural construction and that you can locate both vertical bars (2) with a maximum distance between the two vertical bars (2) of 1200mm to 1800mm.

1. Locate the vertical bar (2) onto the wall and using a marking tool mark the position of the 3 wall anchor positions (5). Using a masonry drill and bit (not supplied) to suit the wall anchors you have obtained from your hardware, drill the 3 holes in the wall to the depth required for the fastener. Put your fastener through the wall anchor hole (5) then through the wall spacer (3) and into the holes you drilled into the wall. Then tighten the wall fastener.
2. Locate the second vertical bar on your wall (2) and ensure that the two vertical bars (2) are aligned horizontally so that the shelves are levelled correctly and fasten the second upright to the wall as described in point 1.
3. Repeat the fastening process across all 6 wall anchor positions (5).
4. Ensure that all wall fasteners as tightened correctly before you load the multi-rack to capacity (fig 9).




(FIG 9)

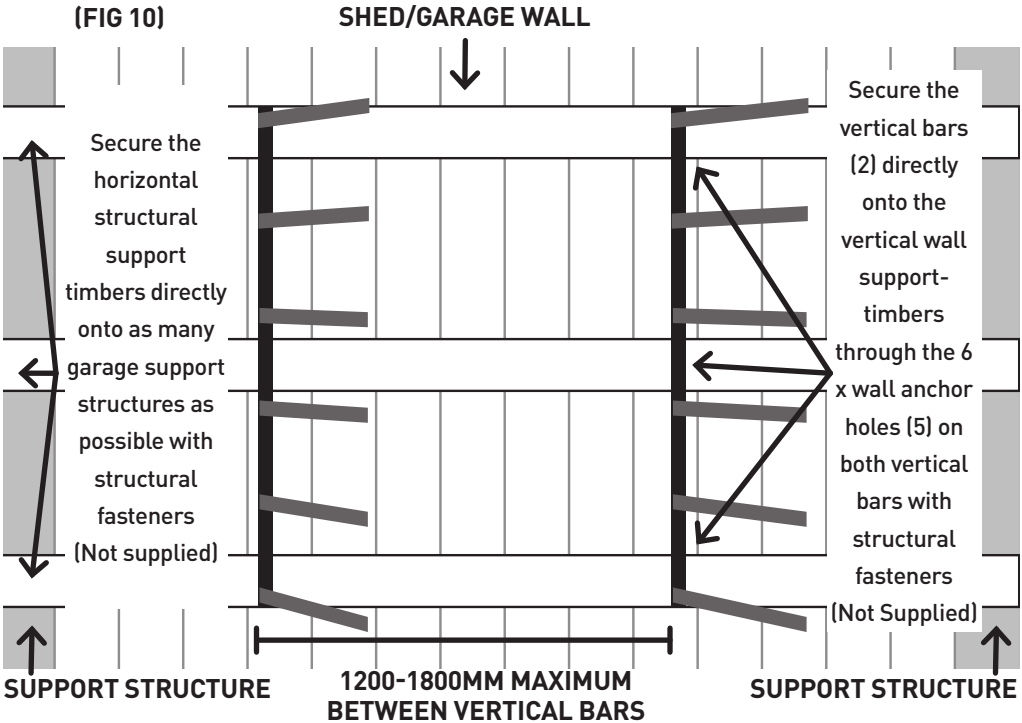
## Installing the Multi-Rack onto a Metal Shed or Garage Wall

Note: Ensure that your wall and surrounding structures are of sound structural construction and that you can locate both vertical bars (2) with a maximum distance between the two vertical bars (2) of 1200mm to 1800mm.

Note: Due to the nature and materials used on a Shed/Garage and to provide additional structural support it is recommended that you add 3 horizontal structural support timbers (such as 75mm x 35mm pine) behind the multi-rack vertical bars (2). Adding the 3 horizontal structural support timbers will enable you to obtain additional multi-rack installation support as you can secure the 3 horizontal timbers to a more structural part of your shed/garage structure.

1. Secure 3 horizontal support timbers (such as 75mm x 35mm pine) to the structural support posts of your shed/garage.
2. Locate and securely fasten these 3 x structural supports with structural fasteners (not supplied) to provide the additional structural support of your multi-rack when installed (fig 10).
3. Secure one of the multi-rack vertical bars (2) to the horizontal support timbers you have just installed by passing your wall fasteners (not supplied) through the 3 wall anchor holes (5) located in the vertical bars (2) then through the wall spacers (3). Then screw your wall fastener into the vertical support timber tightly.
4. Locate the second vertical bar (2) onto your horizontal structure support timbers and ensure that the two vertical bars (2) are aligned horizontally so that the shelves are levelled correctly and fasten the second upright to the vertical support timber as described in point 3. Repeat the fastening process across all 6 wall anchor positions (5).
5. Ensure that all wall fasteners as tightened correctly before you load the multi-rack to capacity (fig 10).

**(FIG 10)**



## Installation of the Multi-Rack (Cont.)

### IMPORTANT!

If you want to install your multi-rack directly onto your shed/garage wall sheeting you will need to contact the shed /garage manufacturer to obtain professional advice for best installation method. You will need to ensure that there is enough structural integrity of the structures & wall sheeting prior to installation.



Fig 11

### Product Safety Labelling

1. The multi-rack is supplied with 12 x product safety labels (6) advising the products safety rating information. It is recommended that a safety label (6) is placed on the outside of each horizontal bar (1) to ensure that the user is reminded of the maximum load ratings for each shelf when loading the multi-rack (fig 11).

### Horizontal Bar Material Stop Holes

1. These is a 6.35mm (1/4") hole drilled through the end of each horizontal bar (1). This hole can be used to secure some form of material stop at the end of the shelf if you are loading pipes, tubes or cylindrical items onto the shelf.

a. This material stop can be achieved by inserting a ¼" bolt (not supplied) through the horizontal bar (1) and securing it with a nut (not supplied) allowing the remainder of the bolt thread to be used as a material stop (fig12).

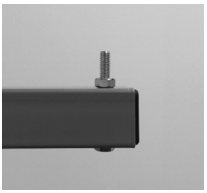


Fig 12

b. Or you could securely fasten a piece of timber (in any shape or size) to the horizontal bar using a fastener (not supplied) through the horizontal bar (1) and into the timber. (fig13 ) Either using a. or b. options will prevent any materials from falling off the multi-rack shelving.

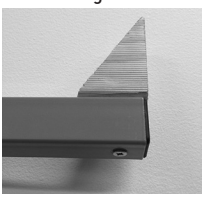


Fig 13

### Spare Parts

- Replacement Horizontal Bar (1) KP1101-1
- Replacement Vertical Bar (2) KP1101-2
- Replacement Wall Spacers x 3 (3) KP1101-3

### Warranty

Warranty given by Kincrome Tools & Equipment Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria, Australia (Tel +61 3 9730 7100) If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kincrome service agent or one of Kincromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian, United Kingdom & Ireland Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian, United Kingdom & Ireland Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit www.kincrome.com.au or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.

12 MONTH WARRANTY