

Mirror Box Unit

We know washrooms

Installation Instructions

IMPORTANT: Glass Handling, Storage, Health and Safety

Cutting and Machining

Glass **MUST NOT** be cut or machined. This can only be done during the glass manufacture process.

Personal Protection

The correct personal protective equipment is **ESSENTIAL** when working with glass. The minimum essential protective equipment includes:

- Safety helmet and eye protection
- Safety footwear and gloves - preferably Kevlar reinforced (minimum cut resistance 3)
- Wrist guards (minimum cut resistance 5)

Safe Handling and Lifting

Care must be taken when handling glass and the following “golden rules” should be followed:

- **ALWAYS** store glass upright and at an angle of 3° - 5° from the vertical. Over 90% of the glass weight is downwards in this position. The glass should be rested on wooden blocks with the largest pieces at the rear of each stack. Ensure that the point of storage is clearly marked off using high-visibility hazard warning tape and is protected from the elements. The point of storage should be clean and tidy and not in high traffic area.
- **NEVER** place glass directly onto hard surfaces such as concrete or metal, not even momentarily - always use softwood blocks or skids. When taking from storage or from a vehicle always plan your route and have softwood blocks ready to rest and/or store the glass on at key stages of the transportation process.
- When manually handling glass **ENSURE** that:
 1. There are sufficient people to lift the weight safely (see weights above)
 2. Personal protective equipment, as listed above, is being worn
 3. The glass to be lifted is structurally sound and is not damaged or chipped in any way
 4. Proprietary glaziers lifts and slings are used where necessary
 5. The glass is completely dry and dust free (wet glass is very slippery and hazardous and dusty glass will limit the effectiveness of glaziers lifts)

Cleaning and General Maintenance

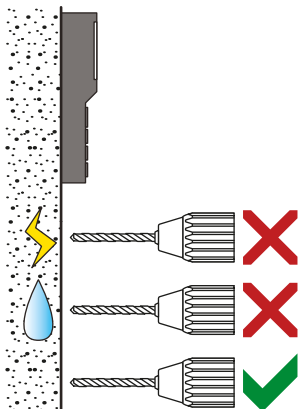
- Clean glass during and following installation to remove any dirt or grit that may stain the glass or interfere with gaskets.
- Cement based products (concrete, mortar, etc.) can severely damage glass and should be removed from its surface immediately.
- Glass can be scratched, so first thoroughly rinse it with a clean water and mild detergent solution to remove any grit and dirt. Then apply a proprietary glass cleaner to remove any residual stains.
- Remove water and cleaning liquids from all gaskets, cubicle fittings (hinges, indicator bolts etc.) and extrusions to prevent these parts from deteriorating.
- Tools such as scrapers and blades must not be used to assist the removal of stubborn coatings or marks.
- It is **ESSENTIAL** that abrasives and strong detergents are not used to clean screen printed glass. If used, damage and staining **WILL** occur.
- Chemical and spirit based cleaners must **NOT** be used. spirit, petrol, and substances such as Trichloroethylene must not be used as they will attack and degrade glazing compounds such as Arbokol and Silicone.
- **DO NOT** leave water standing on horizontal glass surfaces as this can lead to staining. Remove standing water with an absorbent cloth as soon as possible.
- **ENSURE** that all cubicle components and fittings are well covered and protected prior to **ANY** localised decorating or other remedial work.

Summary

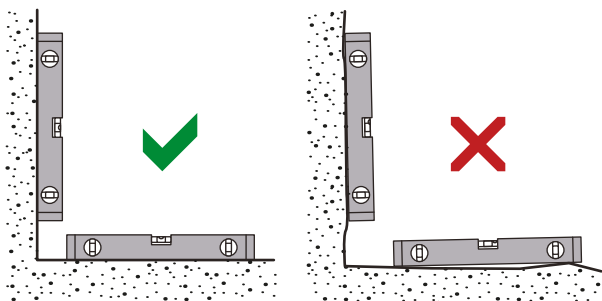
- Treat glass with a high level of respect.
- **REMEMBER - ONCE PRODUCED, GLASS CANNOT BE CUT OR MODIFIED.**
- Take care on-site to follow these instructions. This will result in a safe and straight-forward installation.

Introduction

Safety



Prerequisites



Toolbox



Secure Fixing

It is vital that the structural integrity of walls, ceilings and floors is capable of taking the dynamic and static loads imposed by the fixings to support the product. Insufficient structural integrity will invalidate guarantees and cause product instability.

The surfaces being fixed into should be firm and stable, without deflection and have good fixing retention properties over the length and width of the bearing surface.

Particular care should be taken with studwork walls and suspended ceilings which will usually require the inclusion of a pattress to sufficiently strengthen the structure.

Poor security of fixings will compromise performance and could lead to failure of the product.

Screws and Fixings supplied to fix components to the floor or wall structural material should be tested to ensure they are suited and have sufficient holding power to accept the static and dynamic loads required to support our products. Due to the multitude of floor and wall constructions, it should not be assumed that the fixings supplied are suitable for all installations. If you are uncertain contact your local specialist fastening supplier.

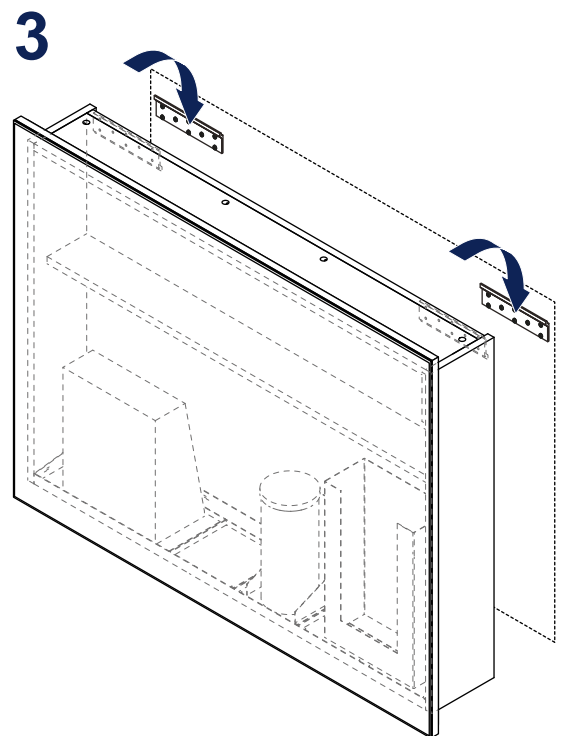
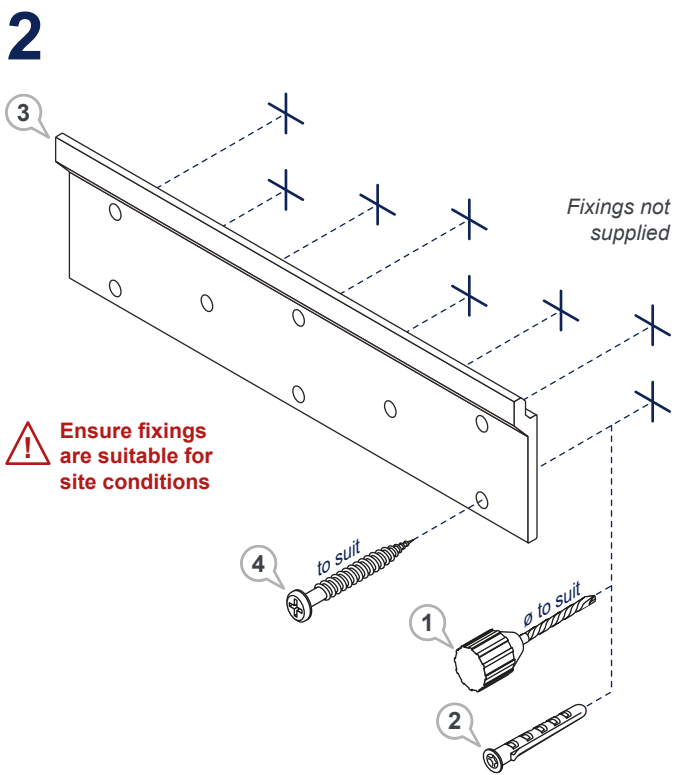
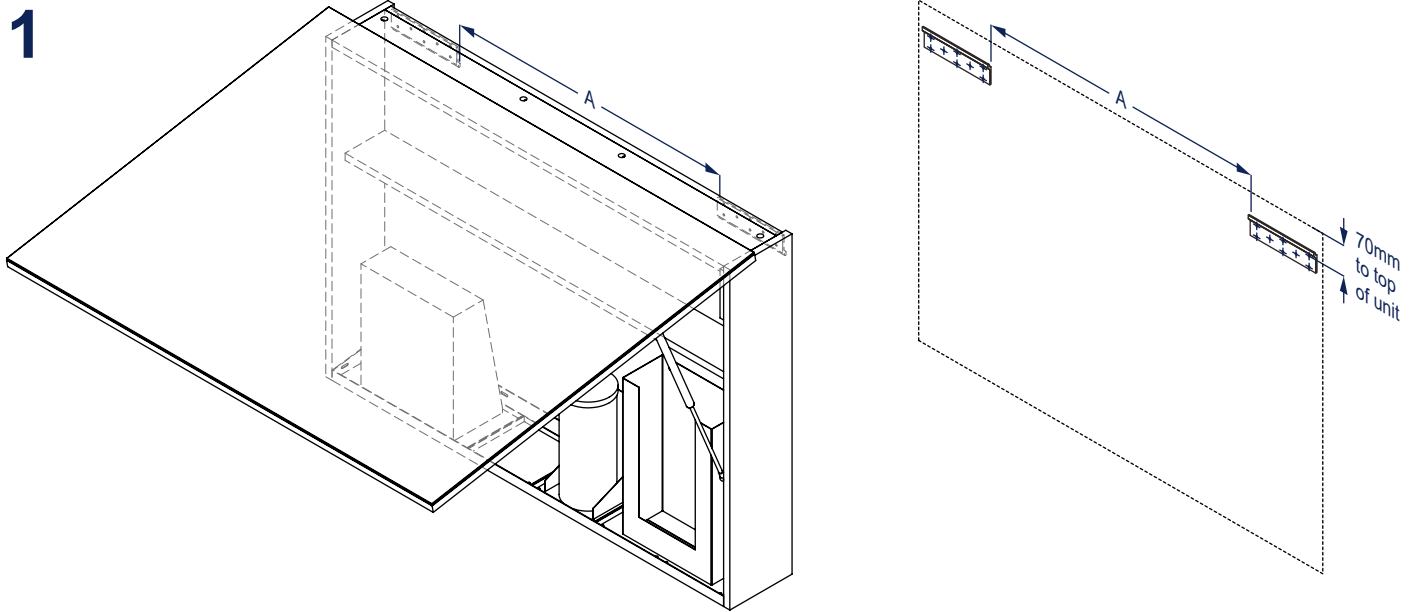
Do NOT overtighten fasteners, if using power drivers make sure that the torque settings are correct.

Cleaning & Maintenance

Please consult our cleaning & maintenance guide.

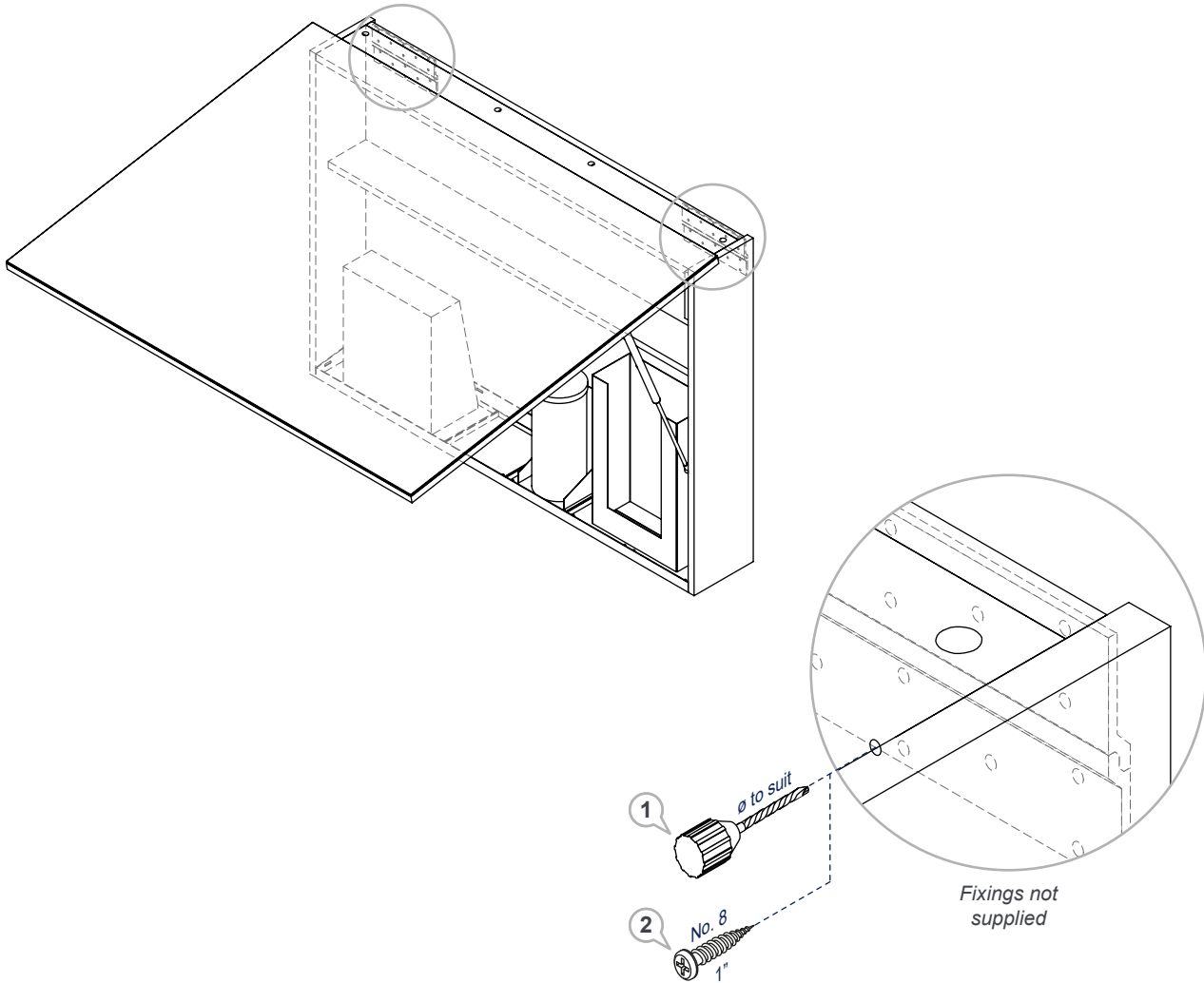
1 Mirror Box Unit Fixing Details

! A qualified Electrician is required to install hand dryer units and LED lit units.
Wiring must be complete before fixing the unit to the wall.
See further details about hand dryers, lights, soap dispensers and paper towel dispensers at the end of this manual.



1 Mirror Box Unit Fixing Details (Continued)

4 Secure box, screw through pre-drilled holes in box, into the z-clip



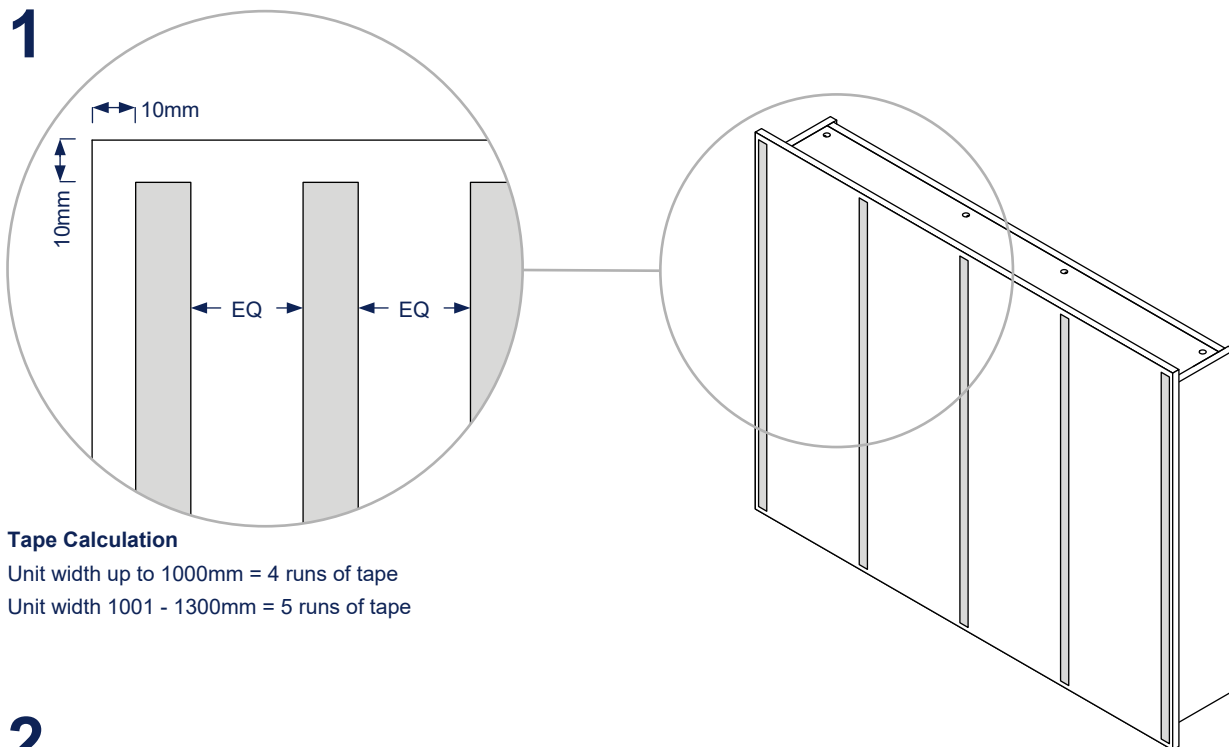
2 Glass Installation (if required)



• FOR SAFE GLASS INSTALLATION, ENSURE NOTES ON PAGE 2 ARE READ & ADHERED TO.

- All surfaces must be clean and free from dust. We recommend cleaning with pure alcohol (Isopropanol/Ethanol), free of any additives.
- Tape must be applied directly to the door surface first, NOT glass.
- Tape must always be applied in vertical strips, if horizontal strips are applied this should be in addition.
- Firm and even pressure must be applied to the tape to avoid air bubbles.

1

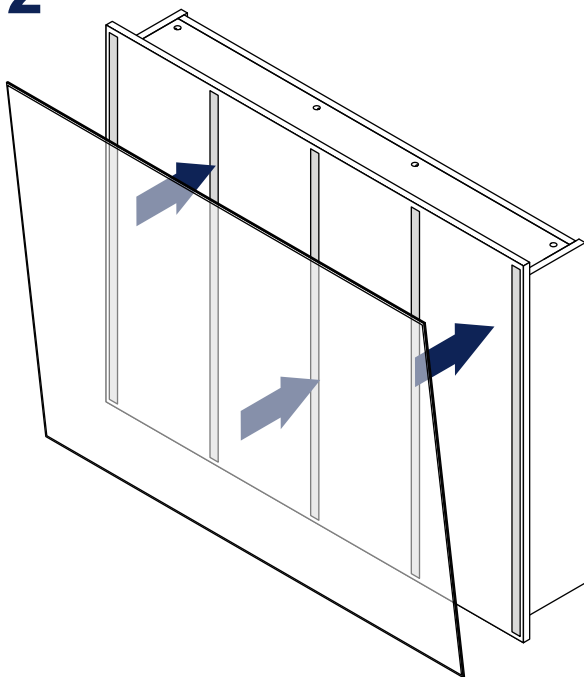


Tape Calculation

Unit width up to 1000mm = 4 runs of tape

Unit width 1001 - 1300mm = 5 runs of tape

2



Ensure firm pressure is applied evenly across the length and width of the glass. Failure to do so may result in insufficient bonding which could cause the glass to move.

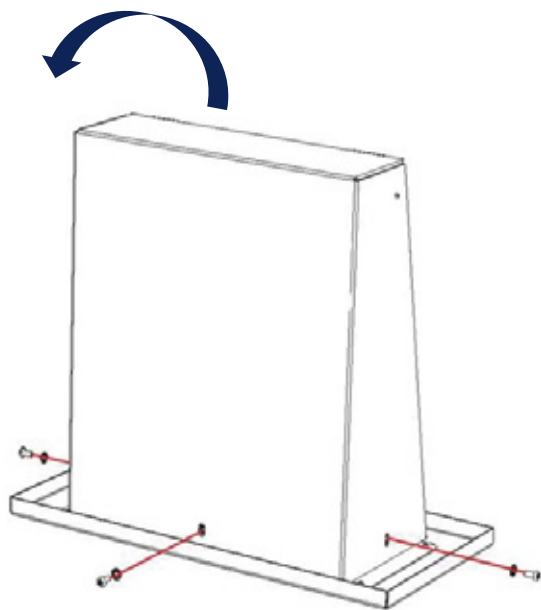


Adhere bottom of glass first to minimise air bubbles

3 Appendix A: Hand Dryers

Cover Removal

⚠ A qualified Electrician is required to install hand dryer units.
Wiring must be complete before fixing the unit to the wall.



IMPORTANT:

This appliance is intended for connection to fixed wiring. Check that the electrical rating shown on the Hand Dryer (Rating Label) is compatible with the electrical supply.

WARNING:

This product must be earthed and wiring must conform to current IEE Regulations (UK), local and appropriate regulation (other countries).

ELECTRICAL CONNECTION:

A fused means of disconnection in all poles must be provided in the fixed wiring in accordance with the wiring regulations.

Connect the Ground / Earth supply to the terminal marked \oplus .

Connect the Live supply to the terminal marked (L).

Connect the Neutral supply to the terminal marked (N).

GENERAL USE:

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance or put their fingers in the air vents.

MAINTENANCE:

Prior to carrying out any maintenance, ensure that the electrical supply has been disconnected.

The cover should be wiped occasionally with a damp cloth to remove surface marks. Do not use abrasive cleaning agents.

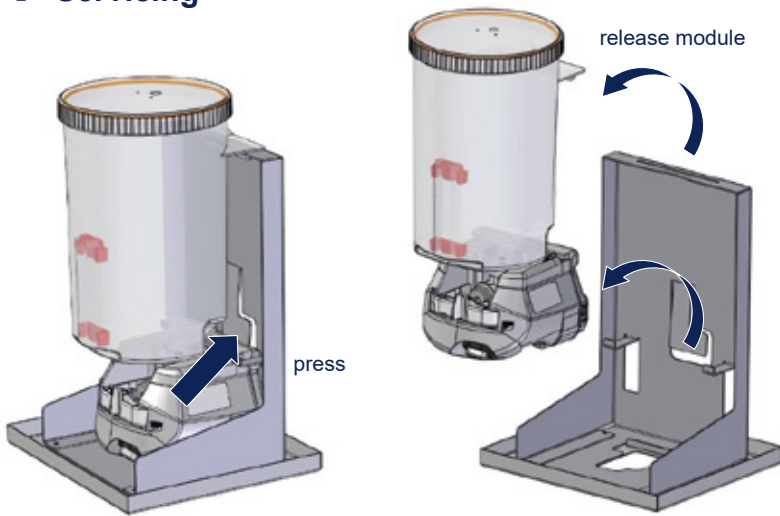
Every six months (more frequent in a dusty environment) the inlet and outlet grilles should be cleaned with a small brush to remove accumulated debris.

FAULTY APPLIANCE:

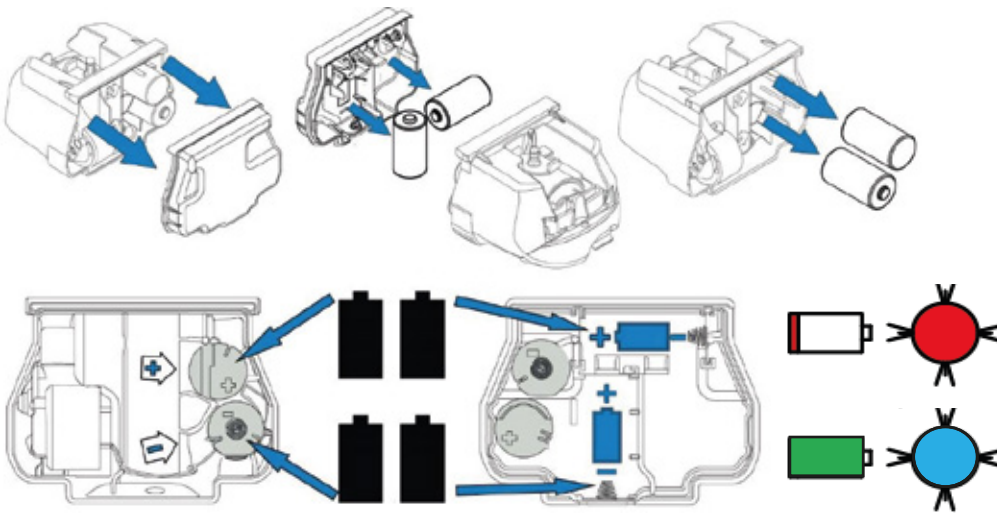
If a fault develops a qualified electrician should be called.

4 Appendix B: No Touch Battery Soap Dispensers

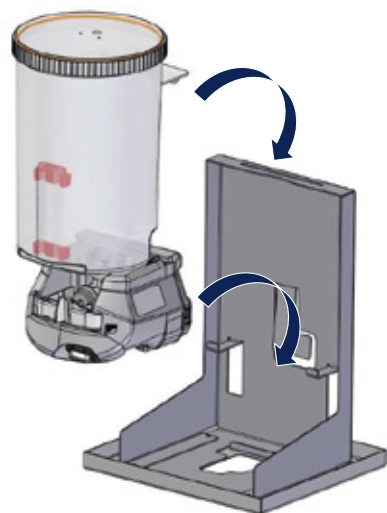
1 Servicing



2 Battery exchange (batteries not included)*



3 Re-fit module



4 Soap top-up



Remove cap, fill to max line, replace cap

*Alkaline LR14 Batteries ONLY

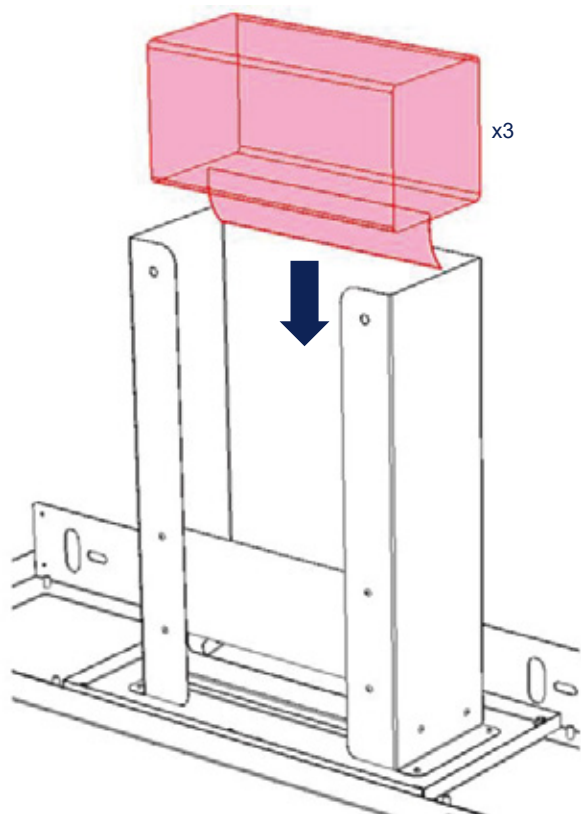
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure they do not play with the appliance or put their fingers in the openings.

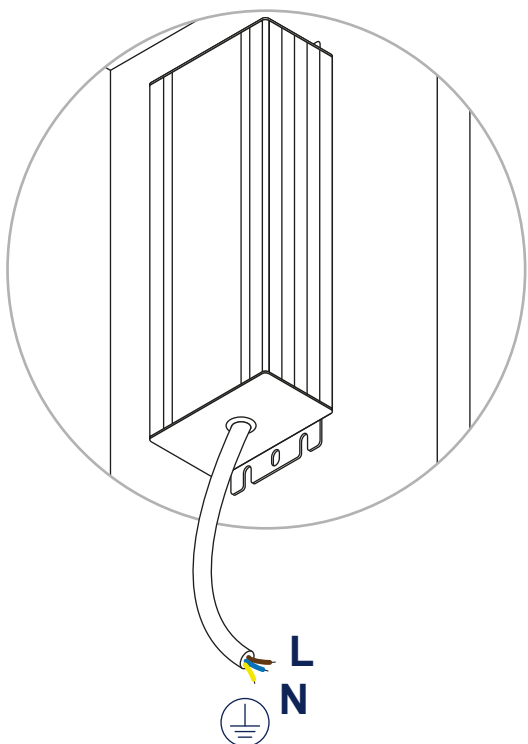
This appliance uses non-rechargeable batteries. Please do not recharge. Do not mix these batteries with lithium or other types of batteries. Do not mix old and new batteries. Always double check the position of the positive and negative connectors when installing the batteries to ensure correct polarity connection. Most batteries, except disposable alkaline, contain hazardous elements such as mercury, cadmium, and lead. Upon removal from service, immediately insulate the battery terminals securely with a non-conductive material to prevent any two batteries from short circuiting and generating heat during storage or transport. Promptly deliver the batteries to a local recycle point or return them to the manufacturer. Remove batteries from the compartment if the appliance is not in use or is in standby mode for a long period.

5 Appendix C: Paper Towel Dispensers

Loading



6 Appendix D: Lighting



**⚠ A qualified Electrician is required to install lighting.
Wiring must be complete before fixing the unit to the wall.**

This appliance is intended for connection to fixed wiring. Check that the electrical rating shown on the LED driver (Rating Label) is compatible with the electrical supply.

WARNING:

This product must be earthed and wiring must conform to current IEE Regulations (UK), local and appropriate regulation (other countries).

ELECTRICAL CONNECTION:

A fused means of disconnection in all poles must be provided in the fixed wiring in accordance with the wiring regulations.

Connect the Ground / Earth supply to the terminal marked.

Connect the Live supply to the terminal marked (L).

Connect the Neutral supply to the terminal marked (N).

GENERAL USE:

LED lighting is not designed for 24 hour operation, this may affect the longevity of the product.

MAINTENANCE:

Prior to carrying out any maintenance, ensure that the electrical supply has been disconnected.

FAULTY APPLIANCE:

If a fault develops a qualified electrician should be called.

Venesta have a policy of continuous improvement and reserve the right to amend the information in this publication without notice