LFS Series MK2

FREESTANDING ELECTRIC HOLOGRAPHIC FIREPLACE

Installation Manual

AUSTRALIA AND NEW ZEALAND

EUROPE AND THE UNITED KINGDOM

FIRE BY escea.

IMPORTANT SAFETY INSTRUCTIONS

PRODUCT DATA LABEL - THE DATA LABEL CONTAINING TECHNICAL SPECIFICATIONS FOR THIS APPLIANCE IS LOCATED ON THE RIGHT-HAND SIDE OF THE APPLIANCE.

1. **Installation**
   - This appliance must be fully and correctly installed before use, in accordance with the manufacturer's written instructions and all applicable national and local electrical codes. All electrical wiring must be carried out by a suitably qualified person where required by regulation. The appliance must not be energised until installation is complete.
   - Provide a means of disconnection at the main service panel or an approved isolation point that remains accessible after installation. Do not install this appliance directly below a socket-outlet. Do not install outdoors, in bathrooms, high-humidity environments, or near swimming pools or other wet areas unless the appliance has been specifically approved for such use.
   - Do not modify this appliance, alter its dimensional clearances, or use non-approved components.
2. **Electrical Safety**
   - To avoid a hazard from inadvertent resetting of the thermal cut-out, do not supply this appliance through an external switching device such as a timer, or connect it to a circuit that is regularly switched on and off by the utility.
   - If the appliance malfunctions, has been damaged, or shows any sign of electrical fault or water ingress, stop use immediately. Disconnect power at the main service panel and have the appliance inspected by a qualified electrician before returning it to service.
3. **Operation**
   - This appliance becomes hot during use. Do not allow bare skin to contact hot surfaces. Keep combustible materials — including furniture, bedding, paper, clothing, and curtains — at least 1 m (3.5 ft) from the front of the appliance.
   - Do not place any items on or against this appliance. Do not use, store, or handle gasoline, flammable liquids, vapours, or other combustible materials nearby. Do not spray aerosols in the vicinity of the appliance while it is in operation.
   - Do not operate the appliance with the fascia, safety guards, or access panels removed.
   - Do not insert or allow foreign objects to enter any ventilation or exhaust openings, as this may cause electric shock, fire, or damage to the appliance.
   - Do not block or restrict the air intake or exhaust openings. Do not place the appliance on carpet, rugs, or other soft floor coverings that may restrict airflow. Do not cover the appliance. Restricted airflow may cause overheating, fire, or damage to internal components.
   - Any use not recommended by the manufacturer may result in fire, electric shock, or injury.
4. **Children and Vulnerable Persons**
   - Extreme caution is required when this appliance is used in the presence of children, or persons with reduced physical, sensory, or mental capabilities. Such persons must not use the appliance without appropriate supervision or instruction from a responsible adult.
   - Young children must be supervised at all times to ensure they do not touch hot surfaces or interact with the appliance unsupervised. Children must not carry out cleaning or maintenance. A physical barrier is recommended where unsupervised access by children or vulnerable individuals cannot be prevented.
   - Never leave the appliance operating and unattended when children or vulnerable persons are present.

SAVE THESE INSTRUCTIONS

LE-SERIES PRODUCT SPECIFICATION		
Model Names		LE800 and LE/LR1000
Description of Appliance		Indoor Electric Heater
Max. Heat Output		3kW
Compliance/Certification		AS/NZS/IEC 60335-1, AS/NZS/IEC 60335-2-30, CISPR14-1
LE800	Width	862mm
	Height	545mm
	Depth	439mm (excluding trim)
	Weight	60kg
LE/LR1000	Width	1062mm
	Height	545mm
	Depth	439mm (excluding trim)
	Weight	70kg
Max Power Consumption		3.45kW 15A 230V ~ 50Hz
Control Options		Remote, Escea Smart Heat App, Manual Controls
Thermostat		Yes (Remote)
Electrical Connection Location		RH Side / RH Back / Underside RH
Data Plate Locations		On wiring access hatch panel, & inside unit top panel above LCD assembly

REMOTE CHARGER SPECIFICATION	
USE ONLY WITH USB-C CHARGER & POWERED USB PORT	
Max	5V, 2W

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A GENERAL INFORMATION

A1. LIMITATIONS

This appliance is intended for indoor use only. Do not install in the vicinity of swimming pools or wet areas.

This appliance is designed for fixed integration into a wall or cavity. Relocation after installation is not possible without modification of the wall.

Consult Escea Ltd before altering any dimensional or component specification.

An electric holographic fireplace has limited flexibility in placement. Avoid locations with high natural light, glare or where distorted visuals will affect the viewing angle.

The 3kw heating supply will require a dedicated 15A circuit.

A2. COMPLIANCE

This appliance must be installed according to these instructions and in compliance with all relevant building or electrical regulations. Wiring procedures and connections shall be in accordance with national and local codes or regulations having jurisdiction.

A3. INSTALLER RESPONSIBILITY

Installation must be carried out by a licensed or trained installer who, on completion of the installation will issue a certificate of compliance. Installers must ensure the fireplace is installed according to manufacturer specifications, local codes, and electrical requirements. They are responsible for verifying structural suitability, maintaining required clearances, and ensuring safe, serviceable integration. Any deviation may affect performance, safety, or warranty coverage.

At the end of the installation, refer to the **Sec. C19 Completion Checklist** to confirm all actions are complete. Any shortcomings in the appliance installation will be the responsibility of the installer, and Escea will not be accountable for any such failings or their consequences.

A4. DAMAGED FIREPLACE

Do not use if the fireplace has been dropped or has any other visible signs of damage.

Do not use this fireplace if any part has been under water, and immediately call a qualified technician to inspect the appliance, replacing any part of the control system that has been under water.

In the event of a natural disaster have a qualified technician inspect the fireplace for damage. Repair of replace any damaged components before operating this appliance.

A5. STORAGE AND HANDLING

- Check components for visible damage and verify parts supplied are correct for the installation. Photograph any damage and retain packaging until installation.
- Do not discard installation manuals or any included hardware.
- Disconnect power before handling any electrical components.
- Do not stack other items on top of the fireplace or other components.
- Store in a dry, covered, and well-ventilated area. Keep away from moisture, dust, and corrosive materials.
- Use two or more people or lifting equipment and never lift by the fascia or glass.
- Wear protective gloves to avoid injury and protect finishes. Handle glass, liners, and internal parts carefully to prevent damage.
- Don’t tilt, drop, or use sharp tools near finished surfaces.
- Keep the unit free from dust and debris prior to installation.

A6. WARRANTY INFORMATION

Escea warranties this ELECTRIC fireplace in accordance with the Escea Warranty Terms and Conditions, which can be found on the Escea website: www.escea.com

Electric Fireplaces	Parts and Labour Warranty	Parts Only Warranty
Firebox	3 years	5 years
Fireplace Components and Parts	3 years	-
Fireplace Accessories	3 years	-

Parts & Labour Warranty – Escea will repair or replace defective parts and cover the installation of those parts.

Parts Only Warranty – Escea will supply repair or replacement parts at no cost. Installation is not included.

All warranty work must be pre-authorised by Escea or its distributors. Work carried out without approval will not be covered.

A warranty will be voided where defects, malfunctions or failures are caused by, but not limited to, incorrect installation, normal wear and tear, misuse, neglect, lack of proper and regular maintenance, accidental damage any other alteration, or failure to follow operating instructions in the installation manual. To make a warranty claim, please contact the retailer from whom the appliance was purchased from, or refer to the Escea Fireplace Warranty Terms and Conditions, which can be found on the Escea website: www.escea.com or your LE Series Owners Manual.

Due to ongoing product development, Escea reserves the right to change any specifications listed in these instructions or warranty without notice. This ELECTRIC fireplace is manufactured by:

Escea Ltd

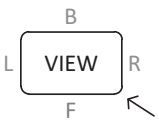
17 Carnforth Street, Dunedin, 9018, New Zealand

0800 173 000

www.escea.com/nz

A7. INSTALLATION DIAGRAMS

Throughout this manual, symbols will be used to clarify and simplify key steps in the process. Below is a symbol key:



VIEW ORIENTATION - arrow shows the direction of view for the diagram in this step.

INSTALL STEP - this requires the addition or change to a new part for the installation.

WARNING - risk of electrical shock.

2 PERSON LIFT - this step involves heavy lifting.

RETAIN - a part is to be retained for future use, or is now required from a previous step.

DISCARD - a part will be discarded at the end of this step.

CORRECT STATE

SCREWDRIVER REQUIRED - this step involves the use of a Phillips or POZI head screwdriver. *(No torque specification required)*

HEX SPANNER REQUIRED - this step involves the use of a hex head spanner or socket. *(No torque specification required)*

HEX KEY or HEX WRENCH REQUIRED - this step involves the use of a hex key or allen key. *(No torque specification required)*

RIVET GUN REQUIRED - this step involves the use of a rivet gun for assembly and mechanical fastening.

INCORRECT STATE

B APPLIANCE OVERVIEW

B1. SCOPE

The Escea LFS MK2 fireplace is an LE800 or LE/LR1000 indoor holographic projection fireplace installed into a freestanding console. The LFS MK2 is available in two size options: LFS800 or LFS1000. MK2 console can be used with the **LE800, LE1000,** or **LR1000** models.

This document does not include the installation and commissioning process for the LE800 or LE/LR1000 Electric Fireplace. Please refer to the *LE/LR Series Installation Manual* for this information.

No LFS800 or LFS1000 MK2 parts, consoles or assemblies are compatible with an LE800/LE1000 1.0 or 1.1, or an LFS800 1.0 or 1.1.

B2. CLEARANCES TO COMBUSTIBLES

The LFS MK2 freestanding electric fireplace **does not require any clearance to combustibles**, from the base, sides, top or rear of the appliance. Dimensions noted in this document include clearances for ease of installation and maintenance.

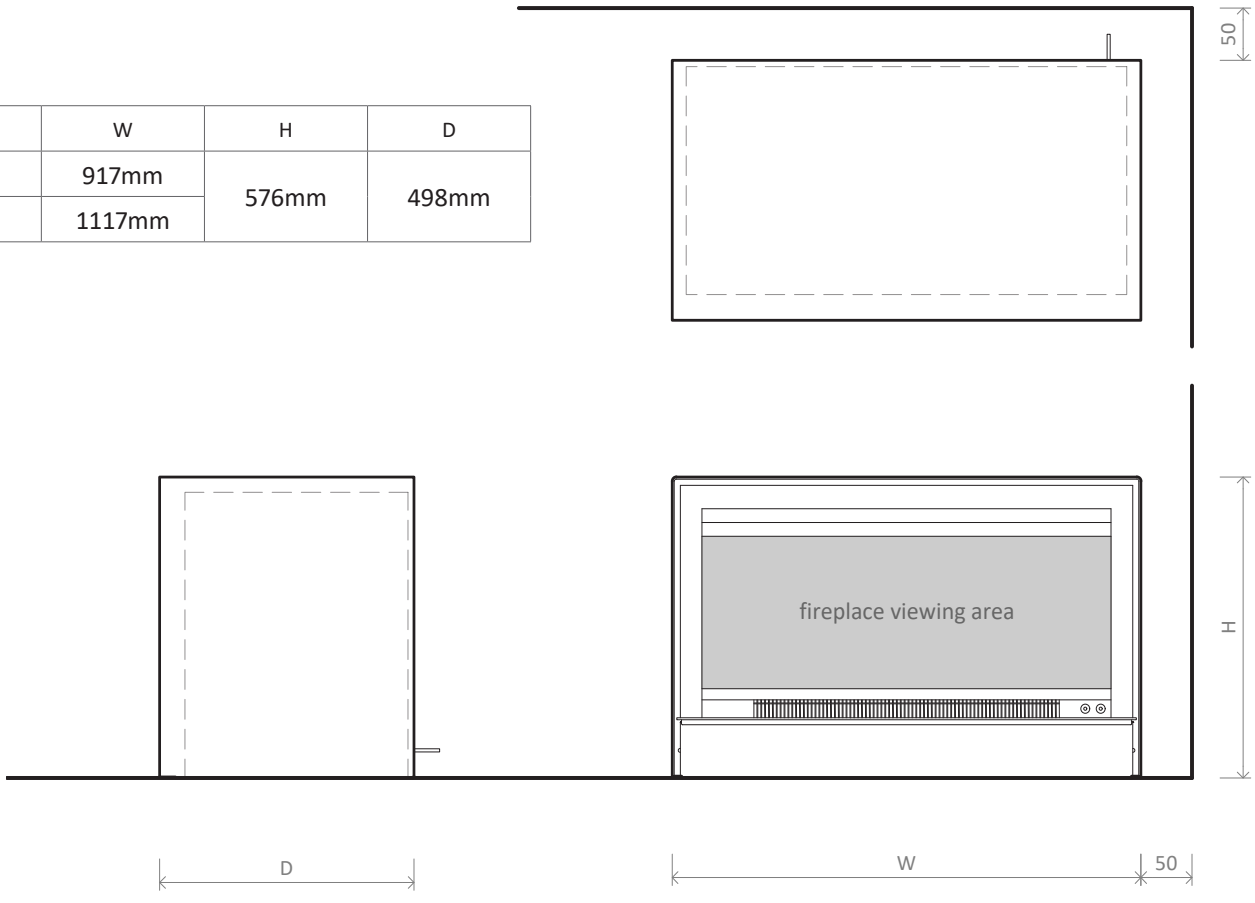
B3. PARTS SUPPLIED

- 1x LFS800 or LFS1000 Console
- 2x LFS Side Trims
- 1x LFS800 or LFS1000 Top Trim
- 1x LFS800 or LFS1000 Top Fascia
- 2x LFS Fascia Side Strut
- 1x LFS800 or LFS1000 Bottom Fascia
- 1x LFS800 or LFS1000 Ash Lip
- 5x M4 Nyloc Hex Nut
- 2x M4 x 10 Pan Head Phillips Machine Screw
- 6x M5 x 12 Pan Head Phillips Machine Screw

B4. FREESTANDING FIREPLACE DIMENSIONS

It is recommended to maintain a **50mm gap** from the back and sides of the console to allow for cleaning and power supply connection.

	W	H	D
LFS800	917mm	576mm	498mm
LFS1000	1117mm		

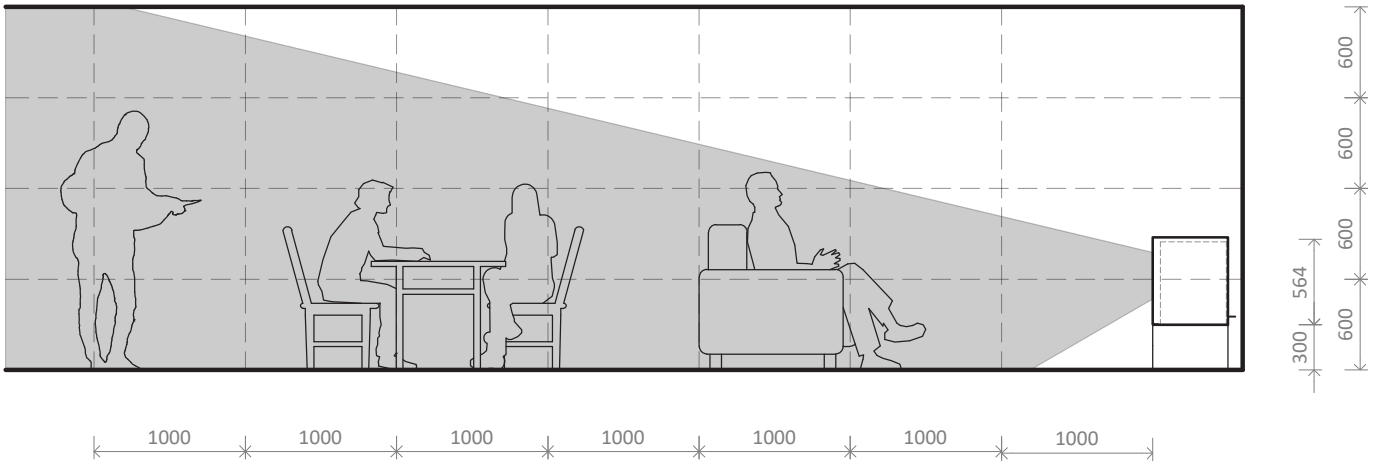


B5. OPTIMAL VIEWING HEIGHT

The LE/LR Series Electric Fireplaces will look best from certain angles and heights, which should be considered from the location of the viewer. For optimal viewing, the appliance base should be installed a minimum of **300mm or above**, floor level.

When in close proximity to the fireplace you may be outside the **Optimal Flame Picture Zone** (as demonstrated below). Consider raising the fireplace to improve the viewing angle.

OPTIMAL FLAME PICTURE ZONE



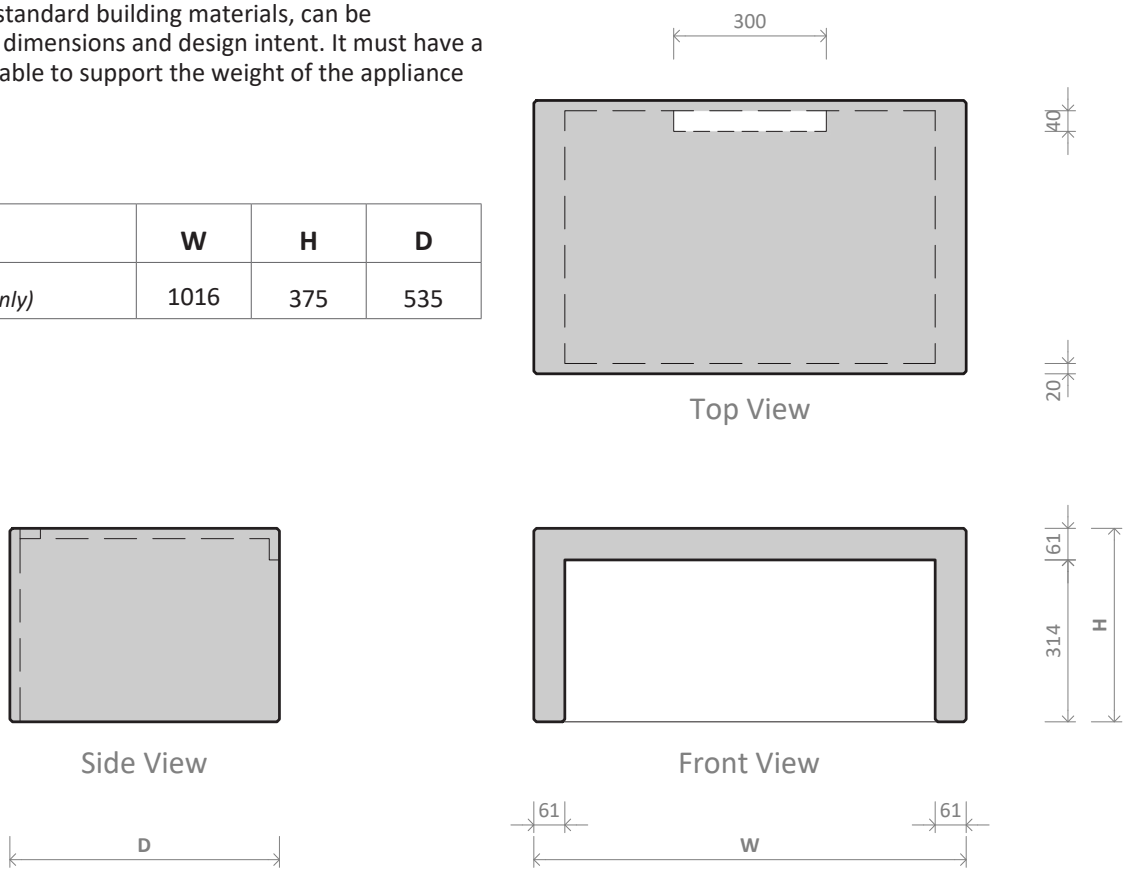
B6. LFS MK2 BASE OPTIONS

Escea offers a natural concrete finish GRC option, crafted to enhance the LFS MK2 freestanding electric fireplace. **The 300mm x 40mm cutout shown in the diagram is only available on the 850 and 1150 Designer Plinth Black (Coming Soon).*

A custom base, made from standard building materials, can be manufactured to meet your dimensions and design intent. It must have a continuous top surface and able to support the weight of the appliance (approx. 100kg).

All dimensions are in mm.

PLINTH	W	H	D
Universal Plinth *(concrete only)*	1016	375	535

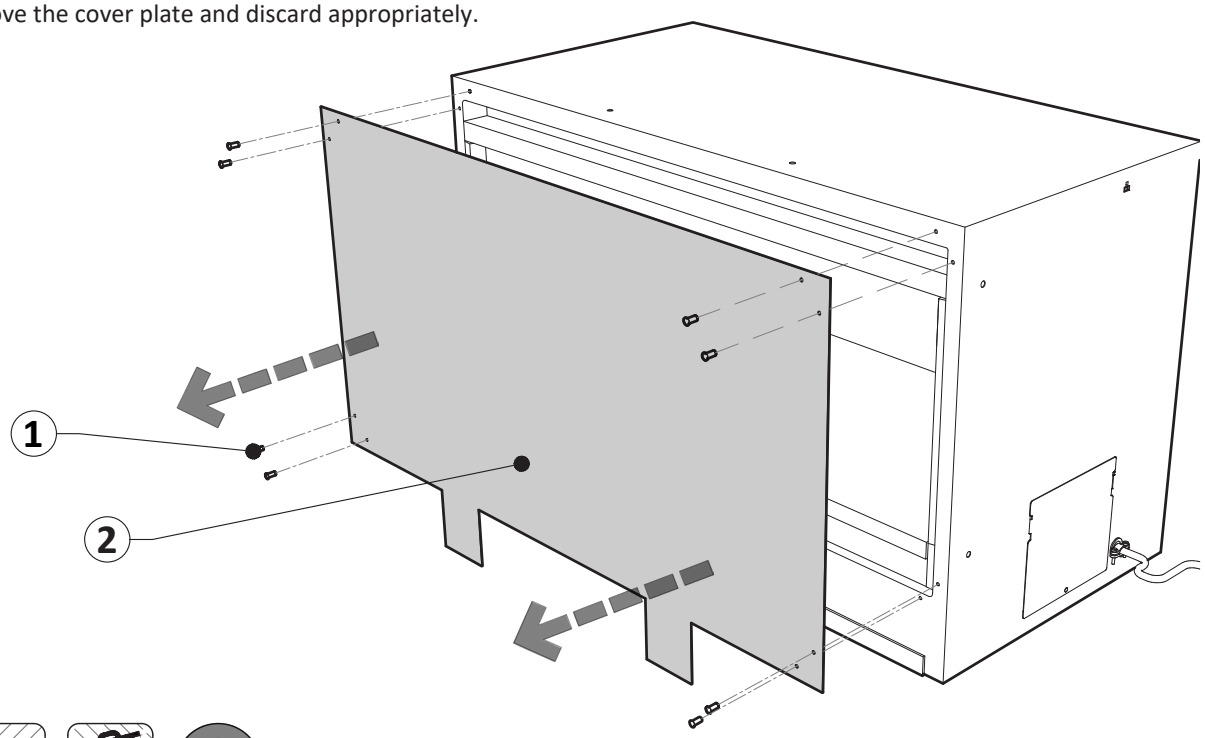


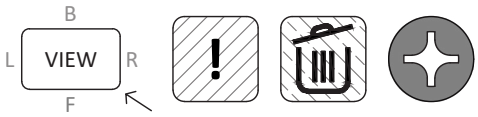
C INSTALLATION

C1. TRANSPORT COVER REMOVAL

LE Series electric fireplaces are supplied with a sheet metal cover plate to the front of the appliance. This is used for transport only.

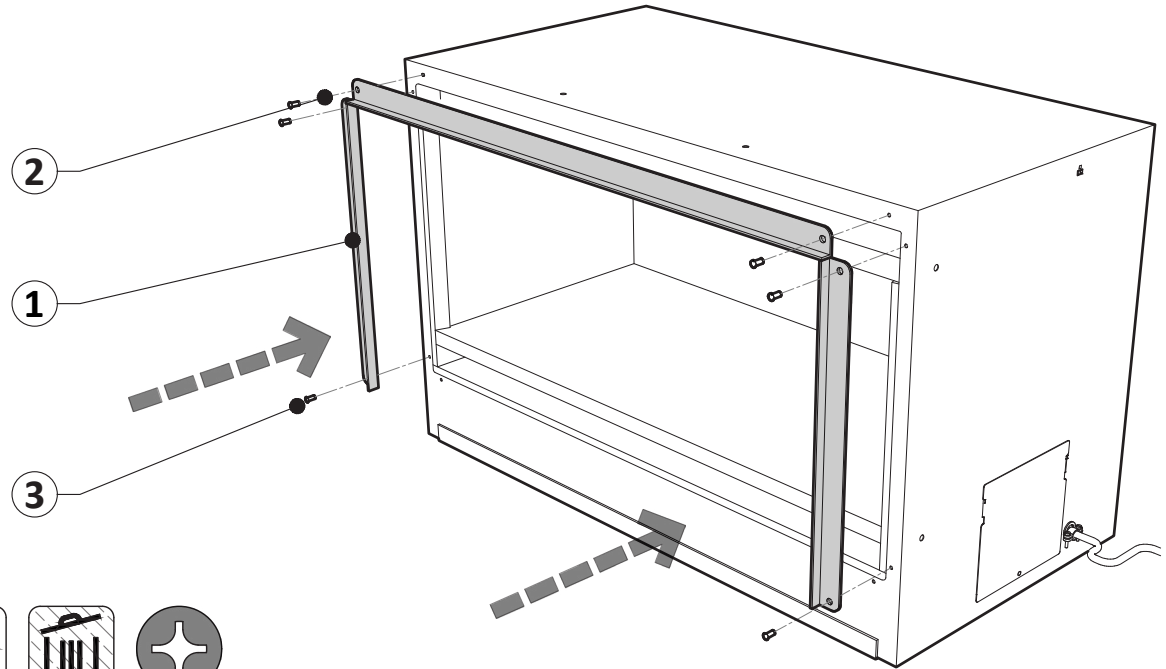
1. RETAIN - Remove 8x (M4 x 10) CSK Pozi screws holding on the cover plate and set these aside. These will be used for fitting the fireplace trims.
2. DISCARD - Remove the cover plate and discard appropriately.

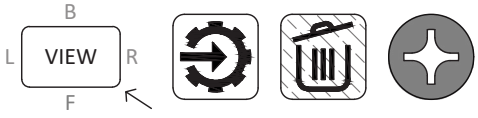




C2. TRIM INSTALLATION

1. INSTALL - Locate 1x LFS800/1000 MK2 Top Trim and 2x LFS MK2 Side Trims, supplied with the LFS MK2 Freestanding Console.
2. Line up trims with the appliance, with trims to the inside.
3. Fit to the appliance using 6x (M4 x 10) CSK Pozi screws supplied with the transport cover plate.
4. DISCARD - Trims supplied with the LE800 or LE/LR1000 MK2 Fireplaces are to be discarded.

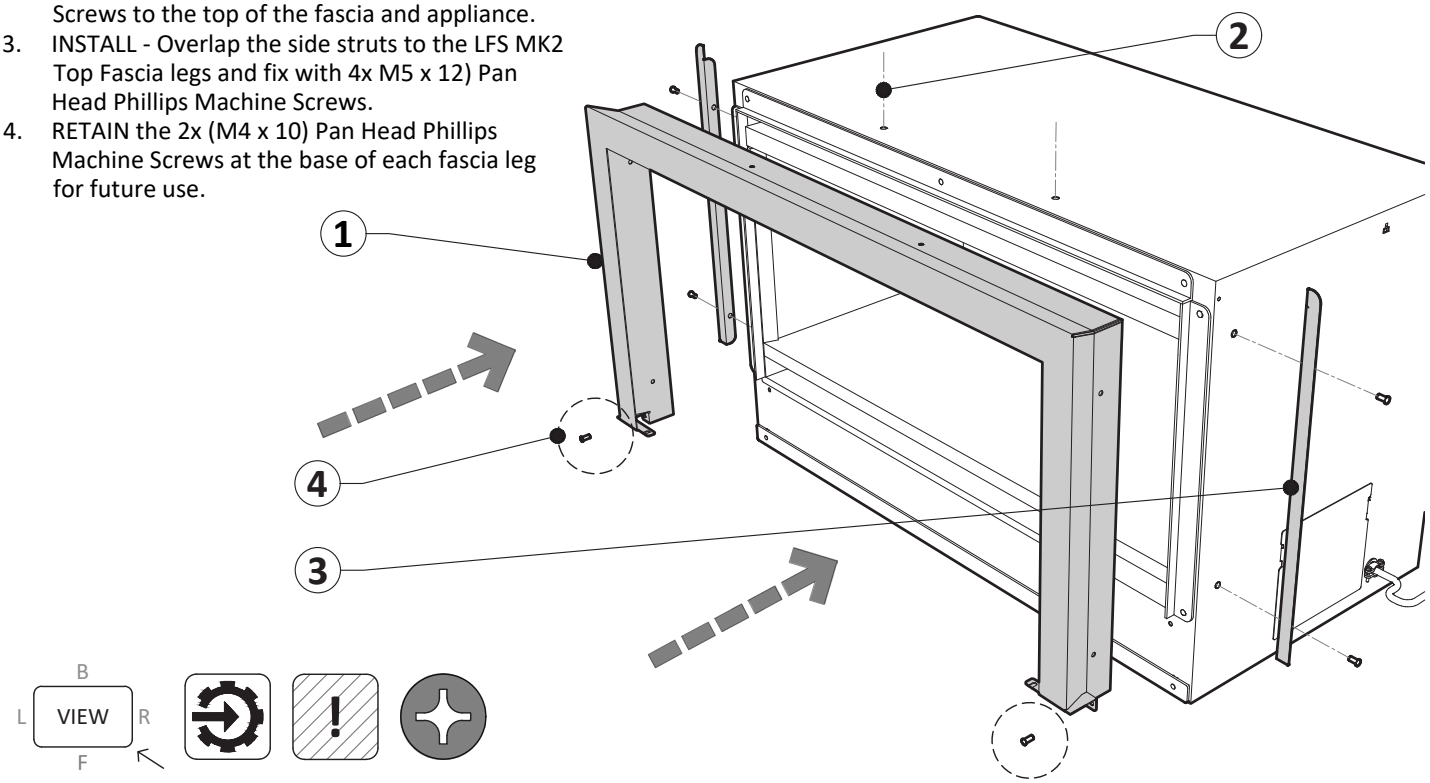




C3. TOP FASCIA INSTALLATION

The LFS MK2 Top Fascia acts as a cover plate to the LFS MK2 Freestanding Console and the LE800, LE1000 or LR1000 Electric Fireplace. This is to be fitted prior to installation into the console.

1. INSTALL - Lift the fascia onto the appliance, sliding the legs onto each side of the appliance. Push the fascia back to have the inner fascia opening to be in contact with the trims from the previous step.
2. Line up the screw holes as shown below, to each side and the top of the appliance. Fix 2x (M5 x 12) Pan Head Phillips Machine Screws to the top of the fascia and appliance.
3. INSTALL - Overlap the side struts to the LFS MK2 Top Fascia legs and fix with 4x M5 x 12) Pan Head Phillips Machine Screws.
4. RETAIN the 2x (M4 x 10) Pan Head Phillips Machine Screws at the base of each fascia leg for future use.

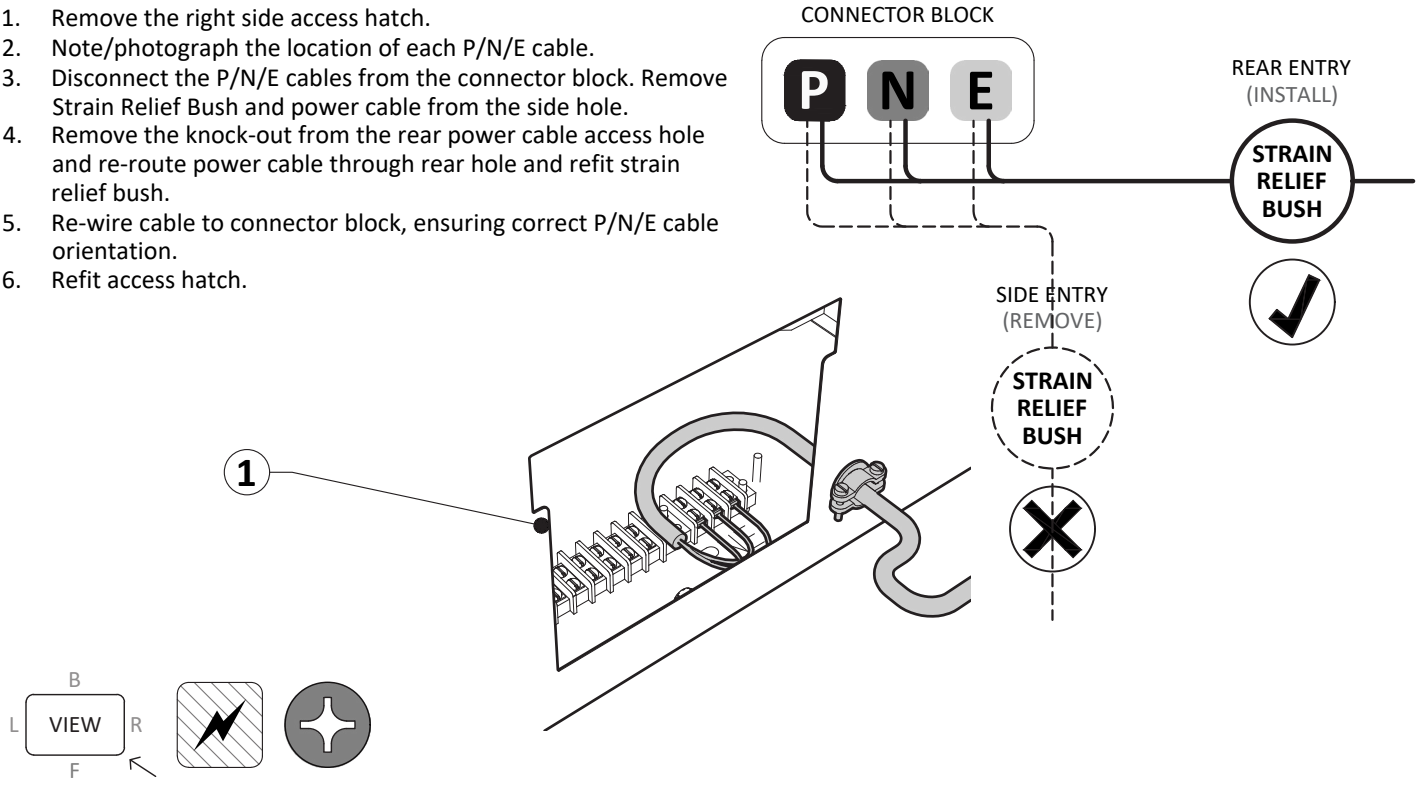


C4. POWER CABLE CHANGEOVER - SIDE TO REAR

HIGH RISK - ISOLATE POWER TO THE APPLIANCE BEFORE PROCEEDING

Prior to installation the power supply cable must be relocated from the side of the LE/LR Series appliance, to the rear. The LFS MK2 Freestanding Console has a small silicone opening at the rear for the power cable.

1. Remove the right side access hatch.
2. Note/photograph the location of each P/N/E cable.
3. Disconnect the P/N/E cables from the connector block. Remove Strain Relief Bush and power cable from the side hole.
4. Remove the knock-out from the rear power cable access hole and re-route power cable through rear hole and refit strain relief bush.
5. Re-wire cable to connector block, ensuring correct P/N/E cable orientation.
6. Refit access hatch.

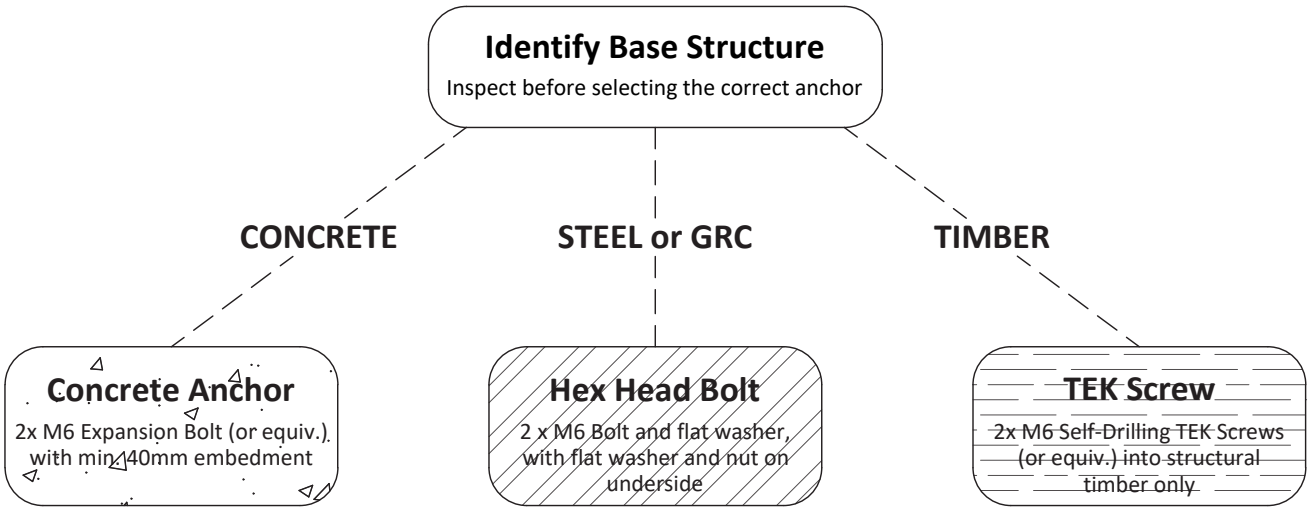


C5. SEISMIC RESTRAINT

SEISMIC RESTRAINT REQUIRED IN ALL NZ INSTALLATIONS — AS/NZS 1170.5

All LE/LR Series Electric Fireplaces are to be seismically restrained to a plinth, base or floor using suitable, appropriately sized fasteners anchored into structural components.

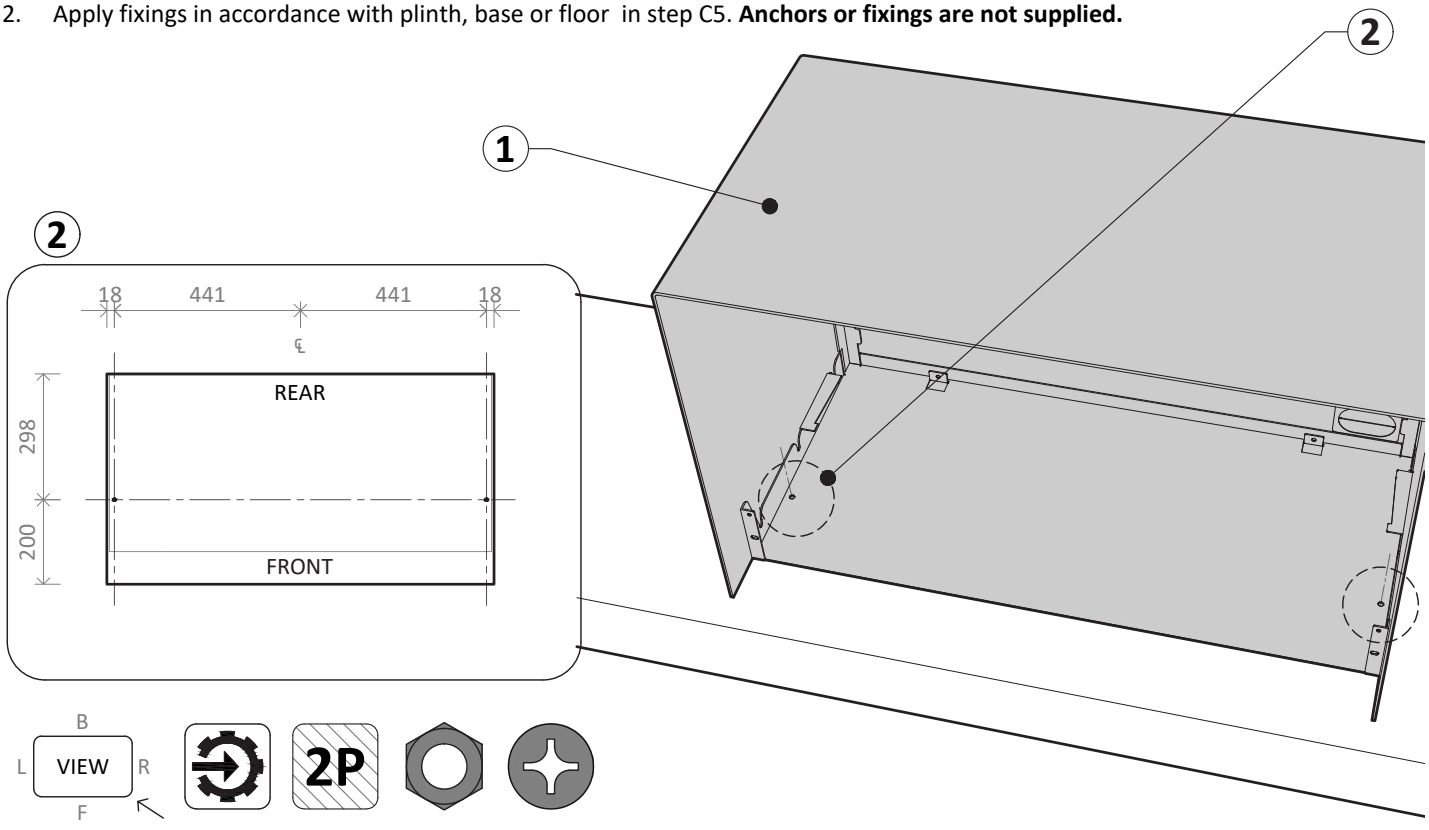
USE THE FLOW CHART BELOW TO SELECT THE APPROPRIATE FIXING SOLUTION. Transfer the base fixing layout onto our selected base, plinth or floor.



C6. BASE FIXING

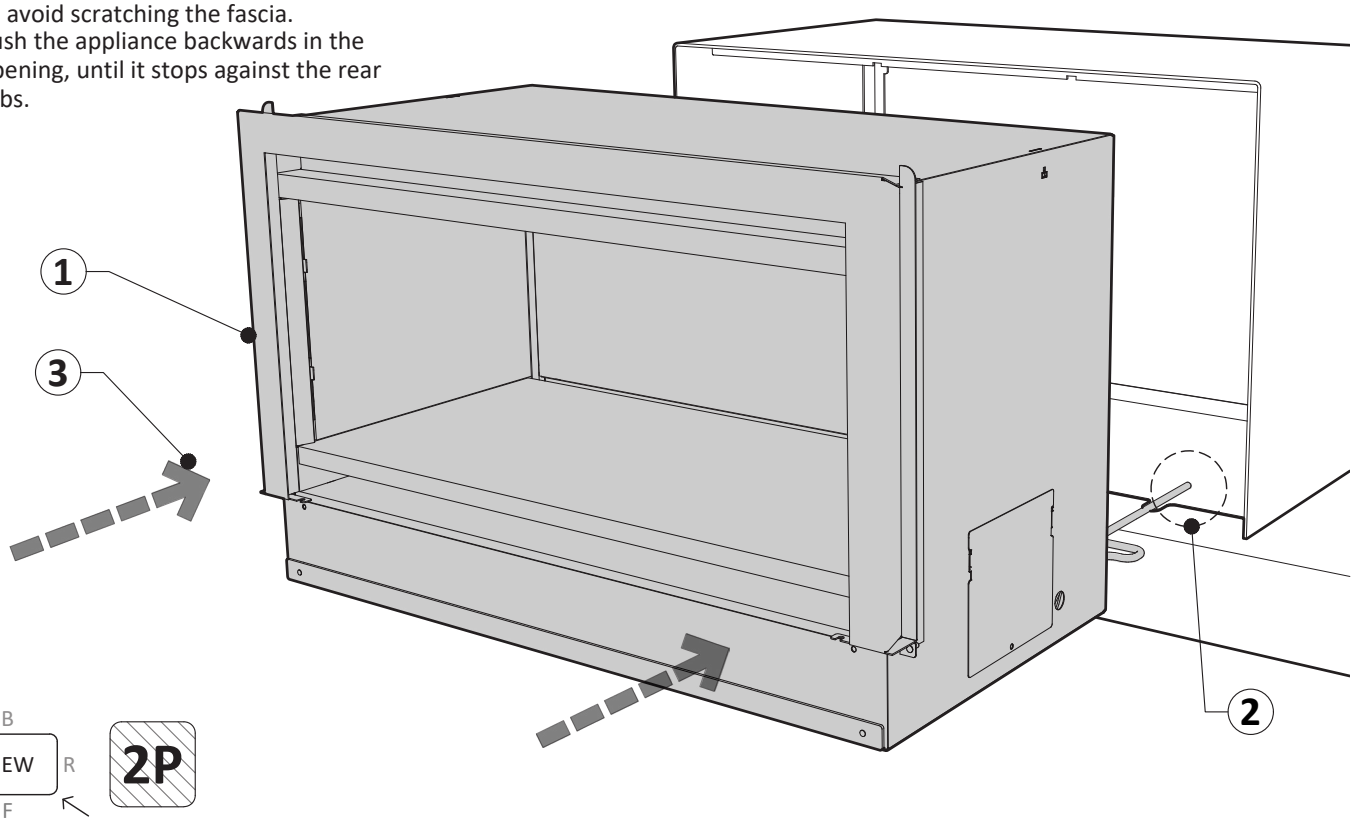
The LFS MK2 Freestanding Console, has fixing holes on the each side of the console base for seismic restraint. Two anchor points are required.

1. INSTALL - Locate the LFS MK2 Freestanding Console onto the selected plinth, base or floor.
2. Apply fixings in accordance with plinth, base or floor in step C5. **Anchors or fixings are not supplied.**



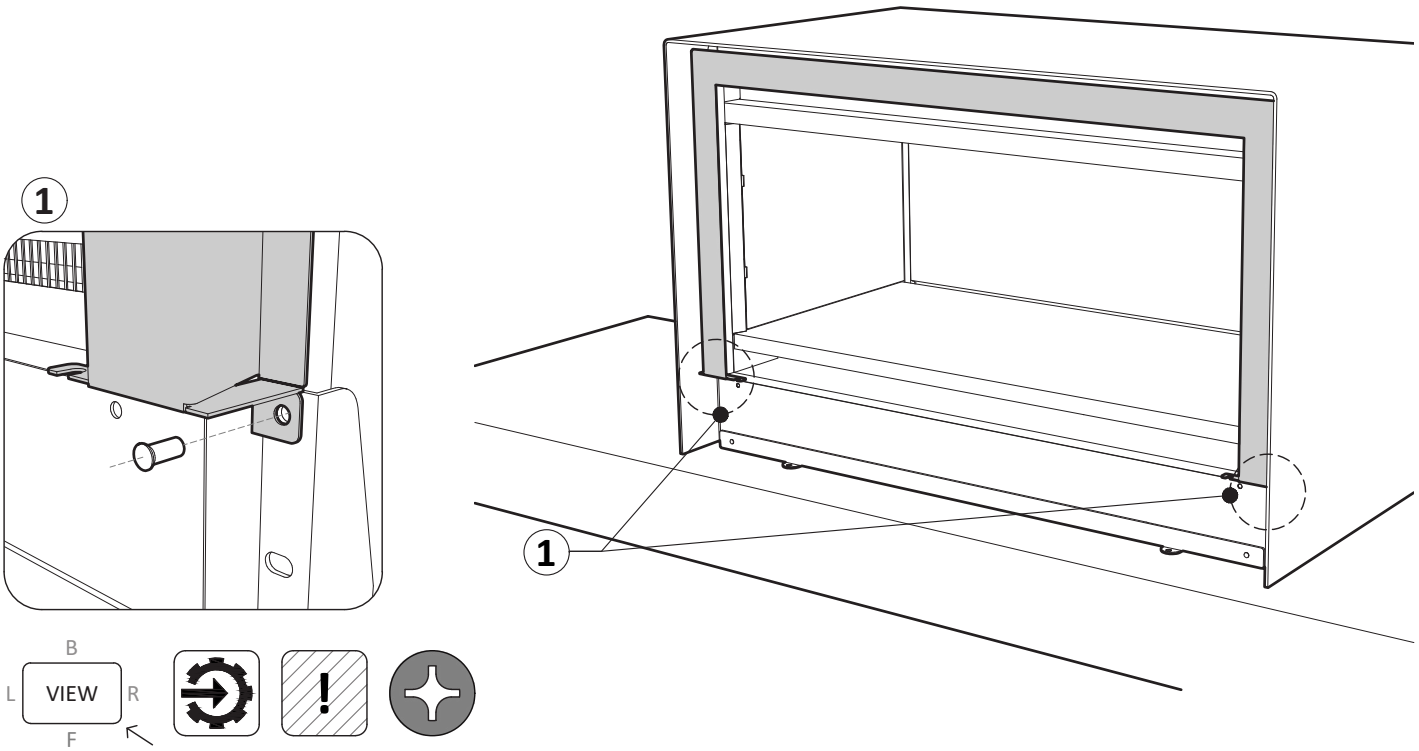
C7. PAIRING LE/LR ELECTRIC FIREPLACE AND LFS MK2 FREESTANDING CONSOLE

1. Bring the appliance close to the LFS MK2 Freestanding Console for its final fitting.
2. Prior to fitting the appliance into the console, push the electrical power cable and plug through the silicone grommet at the rear of the LFS MK2 Freestanding Console.
3. 2 PERSON LIFT - slide the LE/LR Fireplace into the LFS MK2 Freestanding Console. Ensure the LE/LR electric fireplace is centered, to avoid scratching the fascia.
4. Push the appliance backwards in the opening, until it stops against the rear tabs.



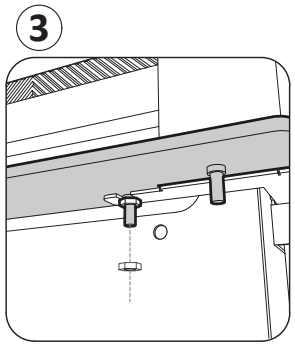
C8. FIXING FASCIA TO LFS MK2 CONSOLE

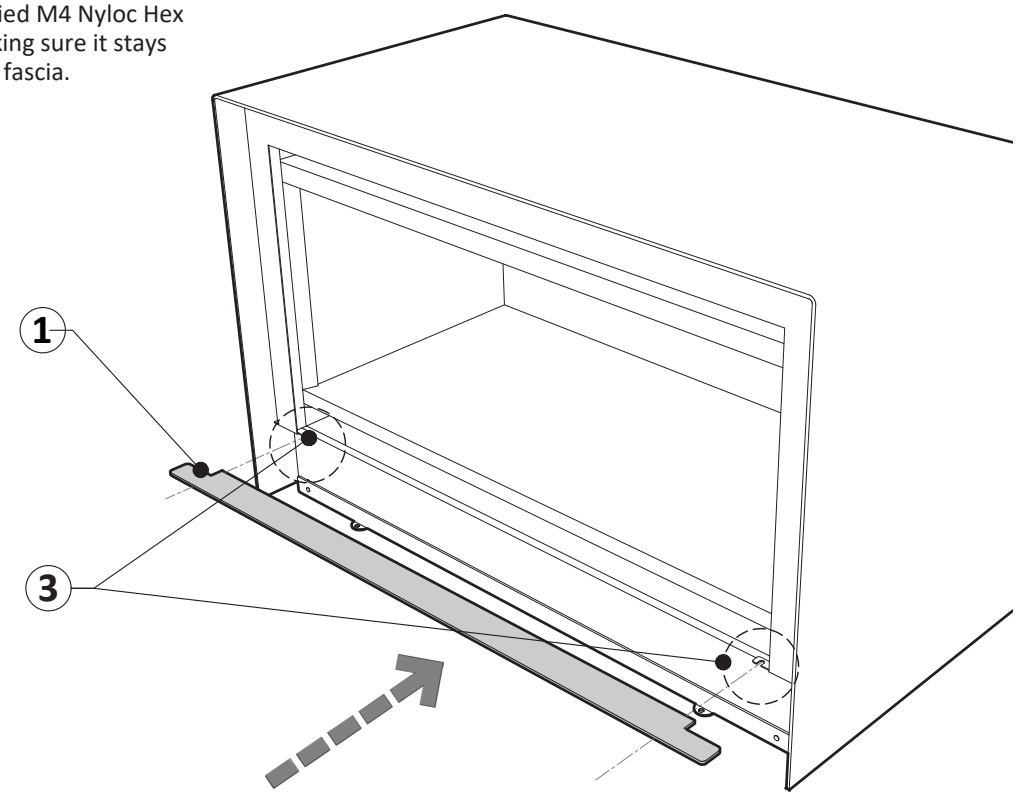
1. INSTALL - Using the spare 2x (M4 x 10) Pan Head Phillips Machine Screws from Step C3, screw the fascia to the LFS MK2 Freestanding Console as shown below. The location for each screw is the left and right of the top fascia, at the base of each fascia leg.



C9. FITTING ASH LIP

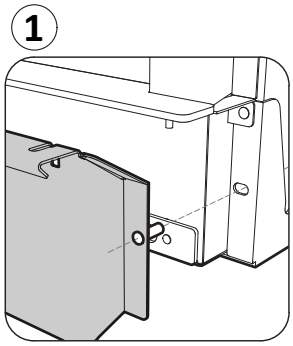
1. INSTALL - To fit the ash lip, sit the black painted 4mm plate with threaded pins down, onto the top of the horizontal connector brackets on the fascia legs.
2. Push backwards into the slots on the fascia bracket.
3. INSTALL - Using the 2 of the supplied M4 Nyloc Hex Nut, firmly tighten the ash lip making sure it stays flat and tight into the slots on the fascia.

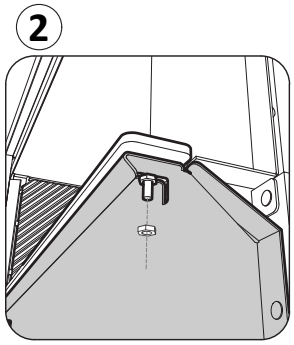


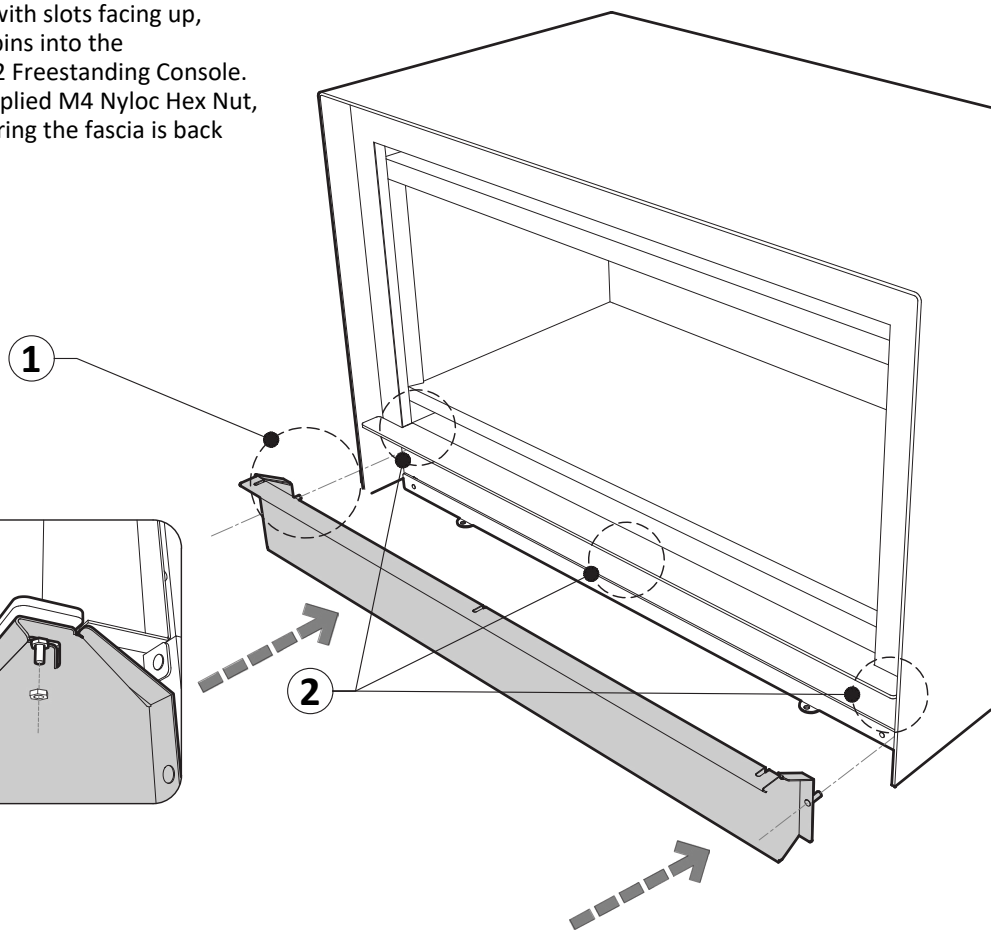


C10. FITTING BOTTOM FASCIA

1. INSTALL - Fitting the bottom fascia with slots facing up, requires pushing the fascia locator pins into the corresponding holes on the LFS MK2 Freestanding Console.
2. INSTALL - Using the remaining 3 supplied M4 Nyloc Hex Nut, screw the fascia to the ash lip, ensuring the fascia is back against the appliance.







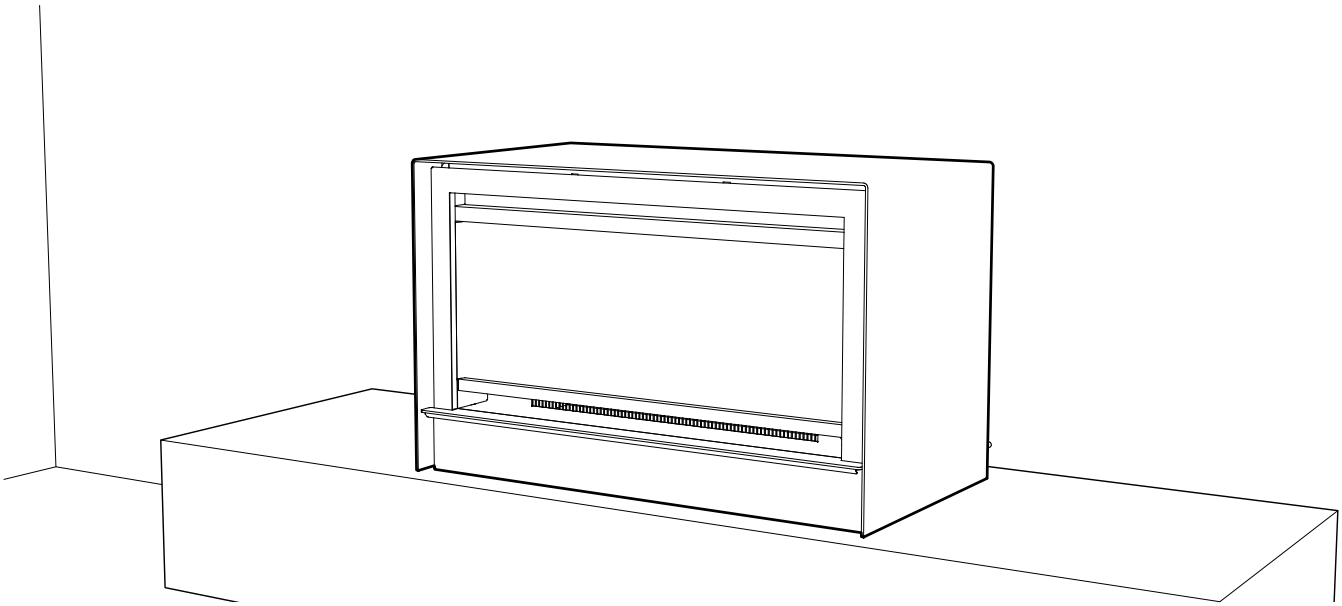
C11. FIREPLACE COMMISSIONING

Use this checklist to confirm that you have reviewed and applied all aspects of selecting and installing an LFS MK2 Freestanding Electric Fireplace into your project.

INSTALLATION TASK	ROLE	CHECKED
Correctly supplied LFS800/LFS1000 MK2 Freestanding Console with a LE800 or LE/LR1000 Electric Fireplace.	Installer	☐
Confirmed all parts are supplied to complete the installation. *(Refer to Section B4)*	Installer	☐
Single 10A or dedicated 15A plug (for 3kw), within 1m of the appliance.	Electrician	☐
Established optimal base height for the LFS MK2 Freestanding Console. *(Refer to Section B6)*	Installer	☐
Selected the base or plinth structure, and that it will support the weight of the LFS800 or LFS1000 (approx. 100kg). *(Refer to Section B7)*	Installer	☐
Applied the appropriate seismic restraint for the console and base. *(Refer to Section C5)*	Installer	☐
LE Series Transport Cover Plate removed from the appliance. *(Refer to Section C1)*	Installer	☐
LFS MK2 Trims installed to the appliance. *(Refer to Section C2)*	Installer	☐
LFS MK2 Top Fascia is fitted to the appliance. *(Refer to Section C3)*	Installer	☐
Switched the power supply cable on the appliance from side to rear. *(Refer to Section C4)*	Electrician	☐
LE800 or LE/LR1000 Electric Fireplace is installed into the LFS MK2 Freestanding Console. *(Refer to Section C7 and C8)*	Installer	☐
LFS Ash lip is fitted to the LFS MK2 Top Fascia. *(Refer to Section C9)*	Installer	☐
Bottom Fascia is fitted to the LFS MK2 Freestanding Console and LFS Ash Lip. *(Refer to Section C10)*	Installer	☐
Completed Installation of the LE800 or LE/LR1000 Electric Fireplace LE Series or LR Series Installation Manual supplied with the appliance.	Electrician/ Installer	☐

C12. COMPLETED LFS MK2 INSTALLATION

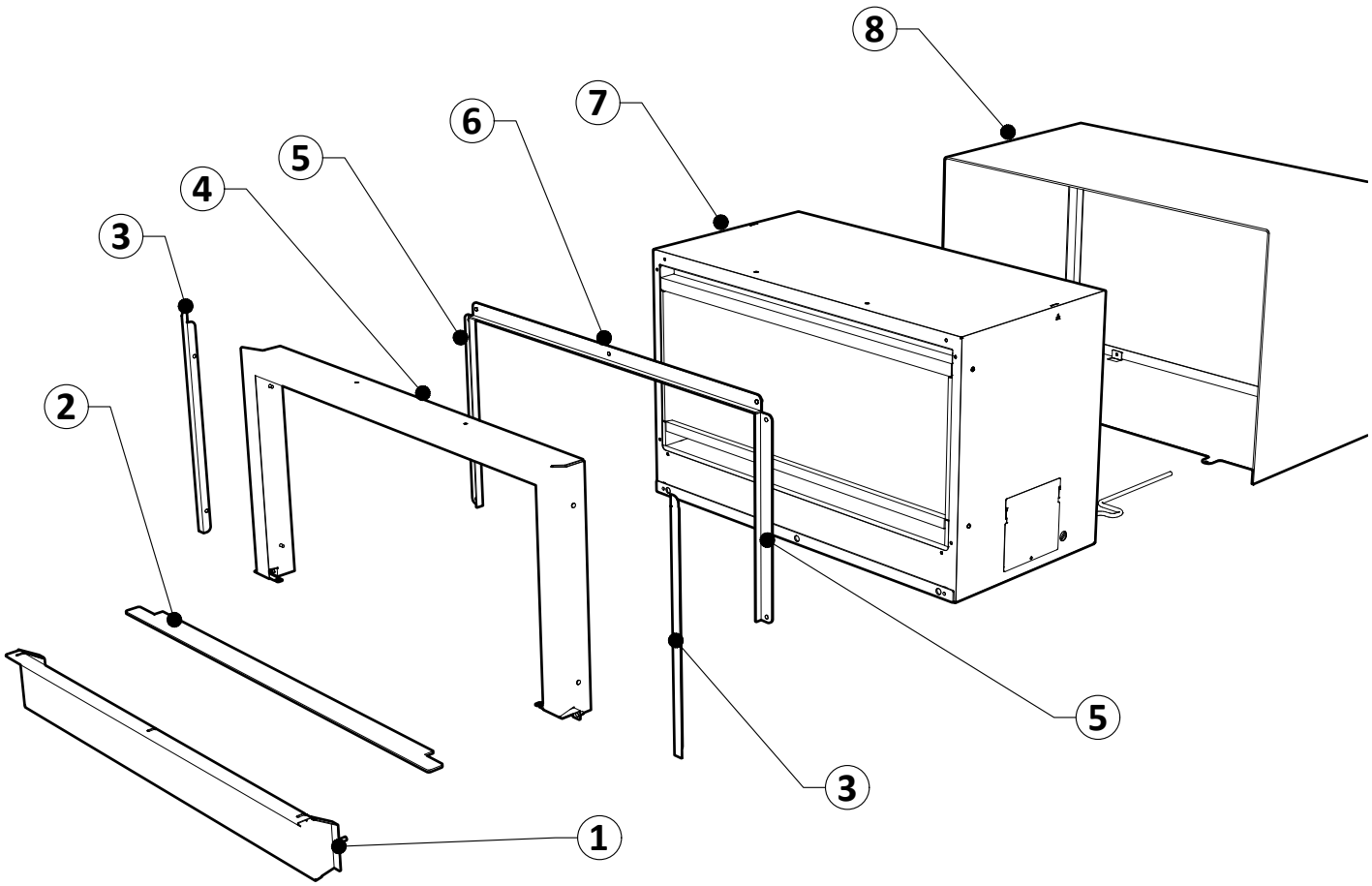
Upon completion your LFS MK2 electric fireplace shall resemble the finished installation below.



C13. EXPLODED DIAGRAM

The parts diagram below indicates key parts for the LFS800 and LFS1000.

1. LFS800 or LFS1000 MK2 Bottom Fascia
2. LFS800 or LFS1000 MK2 Ash Lip
3. LFS MK2 Fascia Side Strut
4. LFS800 or LFS1000 MK2 Top Fascia
5. LFS MK2 Side Trims
6. LFS800 or LFS1000 MK2 Top Trim
7. LE800 or LE/LR1000 MK2 Electric Fireplace.
8. LFS800 or LFS1000 MK2 Freestanding Console



D CARE AND MAINTENANCE

D1. SOUNDS AND SMELLS

You may hear sounds from your LFS MK2 Electric Fireplace. This is perfectly normal due to the various types of materials used within your appliance. These are all normal operating sounds and should not be considered as defects. This appliance also uses an electric fan to circulate heated air into the room. The fan may make a “whirring” sound when ON. This sound will increase or decrease in volume depending on the thermostatic settings.

Appliance Metalwork

Different types and thickness’s of steel will expand and contract at different rates resulting in some “creaking” and “ticking” sounds being heard throughout the heating and cool down cycles.

The first few times the heating element is operated after installation, a smell may appear. This is caused by the curing of the paint, and from the oils in the metal. This is a temporary process which will disappear with use.

Where the heating element has not been operated for a lengthy period, a smell may appear due a build up of dust within the heater element grille or fan. This is a temporary process which will disappear with use

D2. METAL COMPONENT CARE

All visible components, including the surround and fascia of your LFS MK2 Freestanding Electric Fireplace, must be treated carefully to prevent unsightly marks from tarnishing the visual quality of the appliance. To clean, ensure the fireplace and heating element are off and the trims are cold to the touch. Gently clean the trim with a non-abrasive cloth and warm soapy water. Wipe dry with an absorbent microfibre cloth.

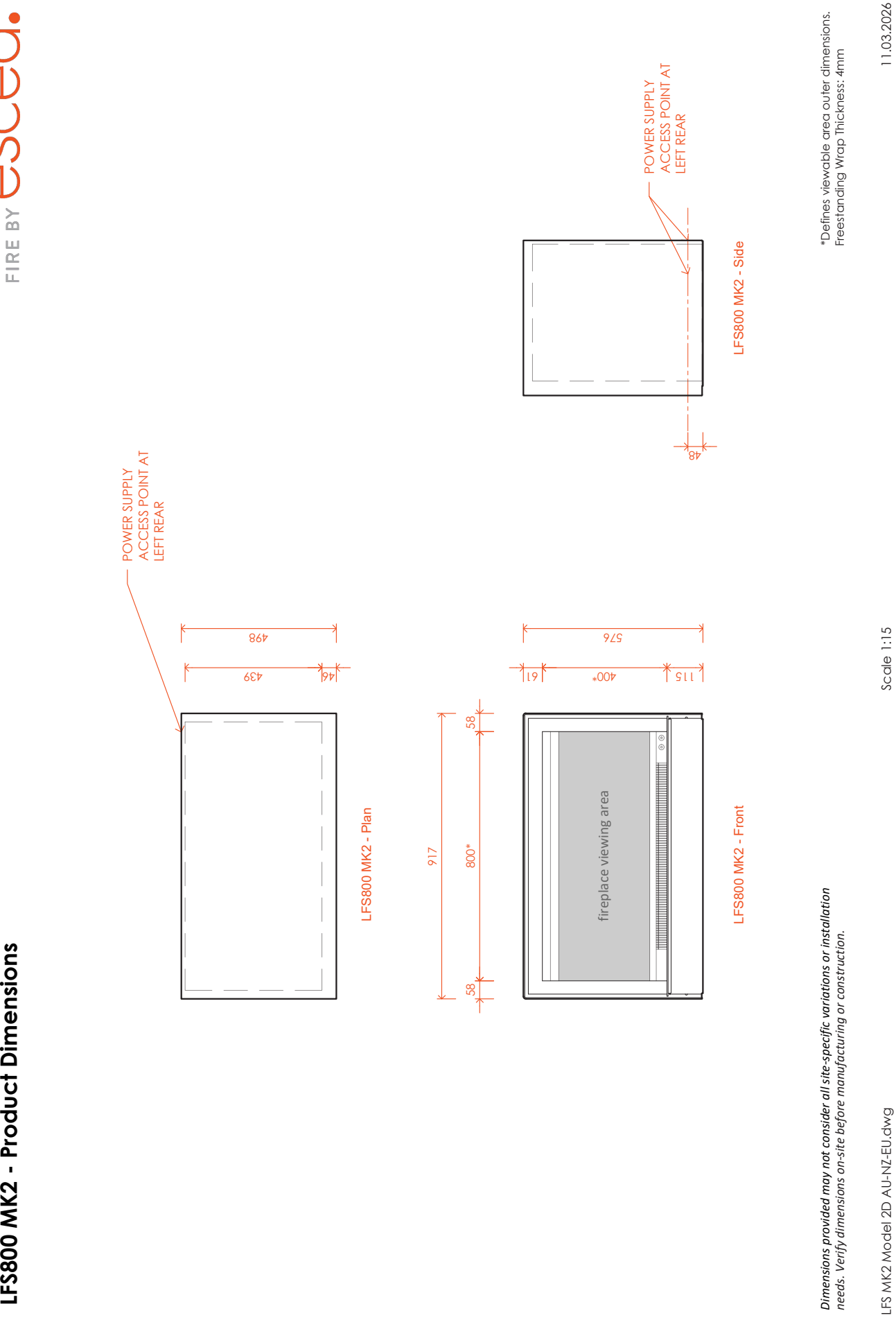
All metal components of the LFS MK2 Freestanding Console are painted with Senotherm UHT 600 Matt Black paint. Escea provides a Senotherm UHT 600 Aerosol Spray Can (*Part No. 803064)* to repair any marks or scratches that may develop.

D3. TROUBLESHOOTING

Refer to the LE/LR Series Service Manual available from the Escea website: www.escea.com/technical

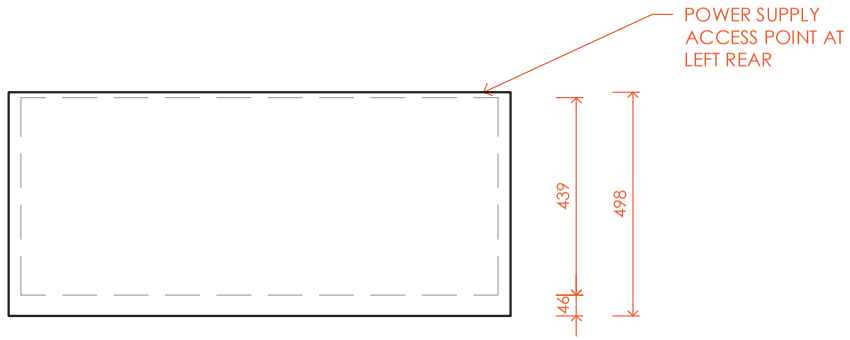
E APPENDIX - PRODUCT DIMENSIONS

E1. LEFS800 DIMENSIONS

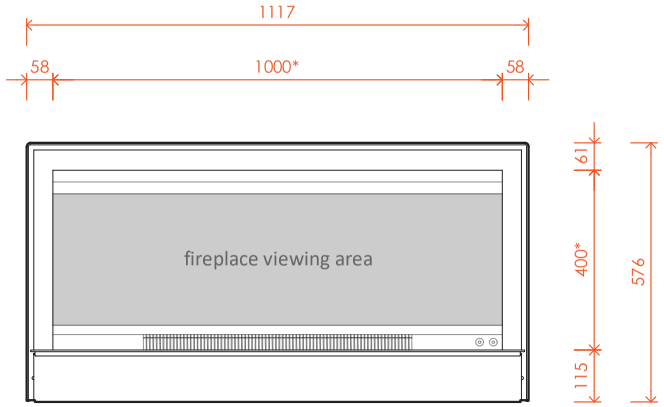


LFS1000 MK2 Product Dimensions

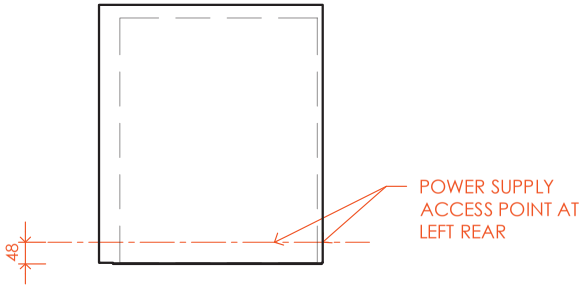
FIRE BY escea.



LFS1000 MK2 - Plan



LFS1000 MK2 - Front



LFS1000 MK2 - Side

Dimensions provided may not consider all site-specific variations or installation needs. Verify dimensions on-site before manufacturing or construction.

*Defines viewable area outer dimensions.
Freestanding Wrap Thickness: 4mm

LFS MK2 Model 2D AU-NZ-EU.dwg

Scale 1:15

11.03.2026