



IMPORTANT INSTRUCTIONS & OPERATING MANUAL



E-RIDIUM 1500 **E-RIDIUM 1800**



IMPORTANT INSTRUCTIONS

When using electrical appliances basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

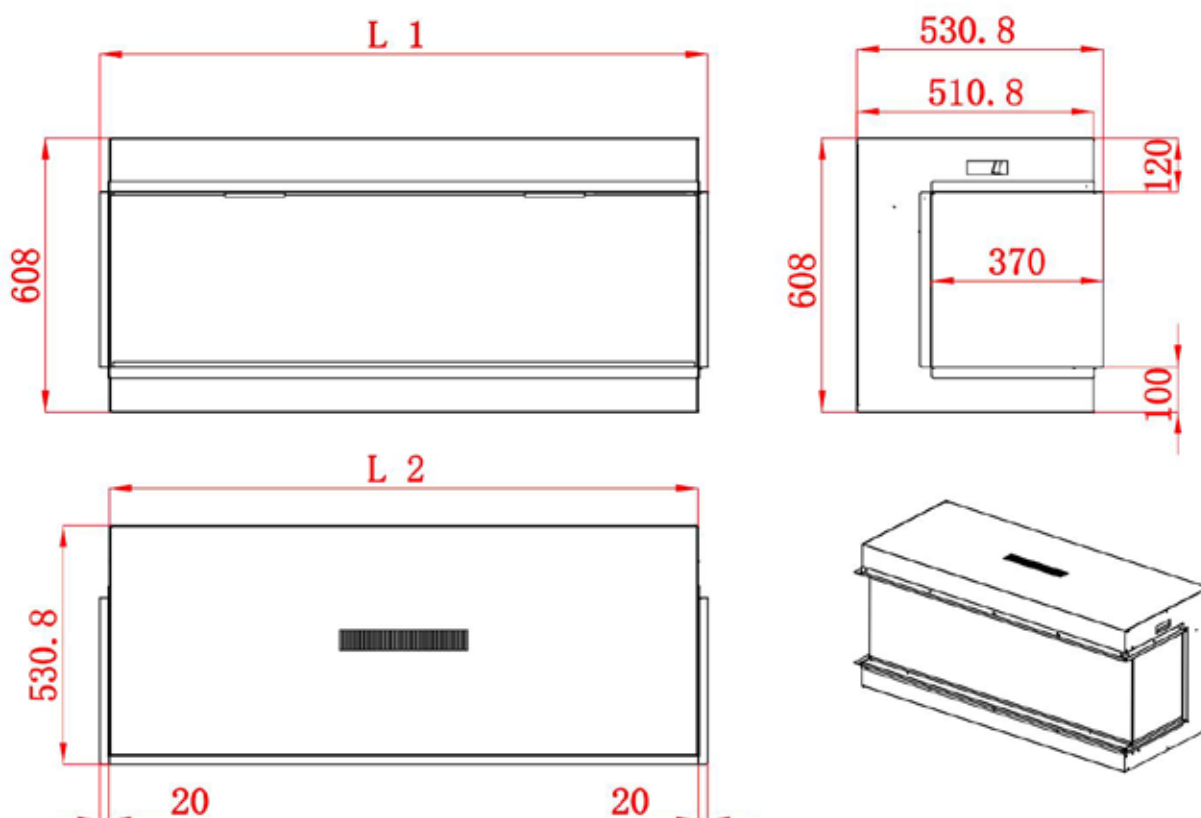
- Read all instructions before using this heater.
- This heater is hot when in use. To avoid burning, do not touch hot surface. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 1m from the front of the heater and keep them away from the sides and rear. In order to avoid overheating, do not cover the heater.
- Extreme caution is necessary when any heater is used near children or the infirm and whenever the heater is left operating and unattended.
- Always unplug heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner, return heater to authorised service facility for examination, electrical or mechanical adjustment, or repair.
- Do not use outdoors.
- This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tipped over.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Do not inset or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, or flammable liquids are used or stored.
- Use this heater only as describes in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- DANGER-HIGH Temperatures may be generated under certain abnormal conditions. Do not partially or fully cover or obstruct the front of this heater.
- Replacement of the lamps should be done only while the heater is disconnected from the supply circuit.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or 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 that they do not play with the appliance.
- **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

IMPORTANT

It is important to read these instructions carefully before using the appliance for the first time. Keep the instructions safe so that you can refer to them later if necessary.

UNPACKING & TESTING APPLIANCE

Carefully remove the appliance from the box. Prior to installing the appliance, test to make sure the appliance operates properly by plugging the power supply cord into a conveniently located 110~120 Volt grounded outlet.



E-RIDIUM					
MODEL	L1		L2		POWER
	mm	inch	mm	inch	
E-RIDIUM 1300	1310	(51 1/2")	1270	(50")	750-1500W
E-RIDIUM 1500	1564	(61 1/2")	1524	(60")	
E-RIDIUM 1800	1869	(73 1/2")	1829	(72")	
110 -120V /60Hz 220-240V / 50Hz					

INSTALLATION

WARNING: Construction and electrical outlet wiring must comply with local building codes and other applicable regulations to reduce the risk of fire, electric shock and injury to persons.

To position of the E-Ridium Series use Visual-X Flame Technology, designed to achieve the best results when the ambient light level is low, if the Unit is installed in a bright area, strong reflections may weaken the flame, According to your specific application, it is very important to install the device at a height suitable for the audience to appreciate. It is recommended to use the following guidelines to locate the device.

NOTE: Measurements are to the bottom of the viewing area of the flame.

Plug-In Installation

You may run the power cord out of the framed wall opening to an existing outlet or install an outlet on a nearby wall stud within the wall. If the cord is not long enough to reach the outlet, a grounded extension cord minimum AWG No. 14 wiring and rated to a minimum or 1875 watts may be used.

Hard-wire Installation

E-Ridium are supplied in an assembled state and is designed to be permanently installed. The unit comes ready for plug-in installation.

WARNING: Do not attempt to wire your own new outlets or circuits. To reduce the risk of fire, electric shock or injury to persons, always use a licensed electrician.

WARNING: Ensure that the On/Off switch is set to the Off position (refer to Operation section) and that the circuit on which the Unit is to be installed has the power cut off at the service panel until installation is complete

WARNING:

ANY INSTALLATION AND SERVICE WORK CAN ONLY BE PERFORMED BY QUALIFIED AND AUTHORIZED PERSONNEL. ALL INSTALLATIONS MUST COMPLY WITH ALL LOCAL CODES AND BY-LAWS, AND INSPECTED AND APPROVED FOR OPERATION BY LOCAL GOVERNING AUTHORITY PRIOR TO USE.



SAFETY INSTRUCTIONS

Only use the appliance in accordance with the instructions in this manual! It cannot be used for any other purpose.

Never operate the appliance when the appliance itself or the main cable show any signs of damage. In order to avoid overheating, do not cover the heater.

Be responsible when handling the packing material.

Warning: plastic wrapping may be lethal to children.

Do not place the appliance next to a socket.

Never operate the heater on a program switch, timer switch or any other appliance for automatic operation.

The heater is only suitable for indoor use.

Never use the heater in the bathroom, shower or near a swimming pool.

The heater must not be located immediately below a socket-outlet

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Never leave small children unattended near the appliance.

In case of malfunction, disconnect the plug immediately.

When not in use for a considerable amount of time, unplug the appliance.

Components should only be serviced by an approved electric technician.

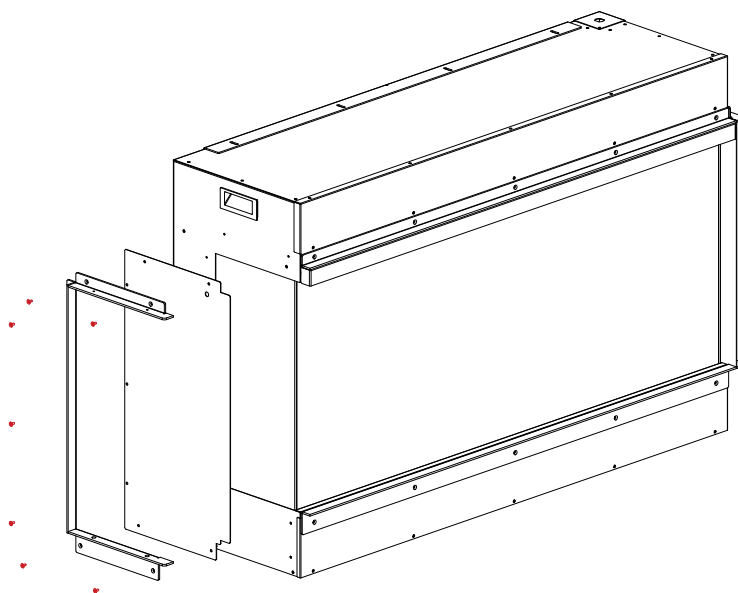
NOTE: To disconnect from mains - set the mains switch to 'O',
The mains (power) switch is located at the top right hand side of the appliance above the manual controls - see 'O/I' Figure 1.
Mains switch shall remain readily operable.

Figure 1



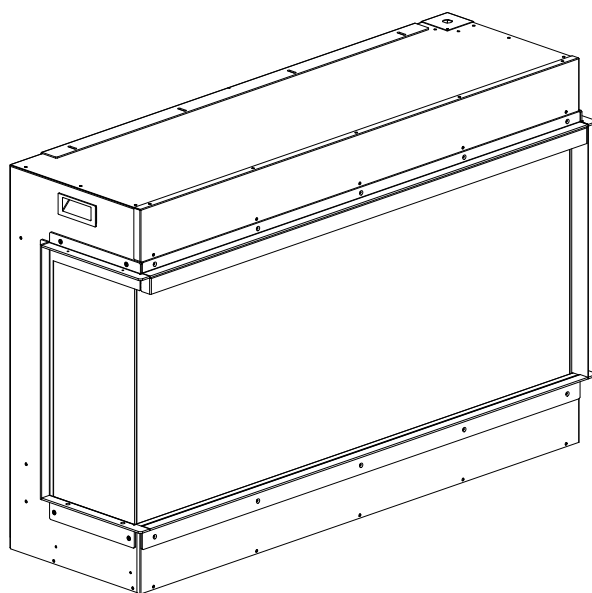
1, 2 & 3 SIDED INSTALLATION

The E-Ridium Range can be installed in three configurations: 1-sided (standard), 2-sided, or 3-sided. By default, the fire is supplied as a 1-sided model, with solid panels fitted on both sides. These can be removed to convert the fire to a 2 or 3-sided display.



01

To remove the side trims, remove the 7 screws securing the side trims on the desired side and lift away the blanking panel to open the side.



02

Refit the side trims back to the fire using the screws previously removed.

STUD WALL INSTALLATION

PRE-INSTALLATION NOTES

Use the tables to build your structure. You must install a header to make sure that the appliance does not support the weight of the finished wall. This is critical to smooth fitting and operation of the fire.

The fire should be placed on a stable, level surface in a clean, dust-free area.

If installing the product into an open chimney or flue, make sure the chimney or flue is sealed off to prevent drafts and falling debris that could affect the product's airflow.

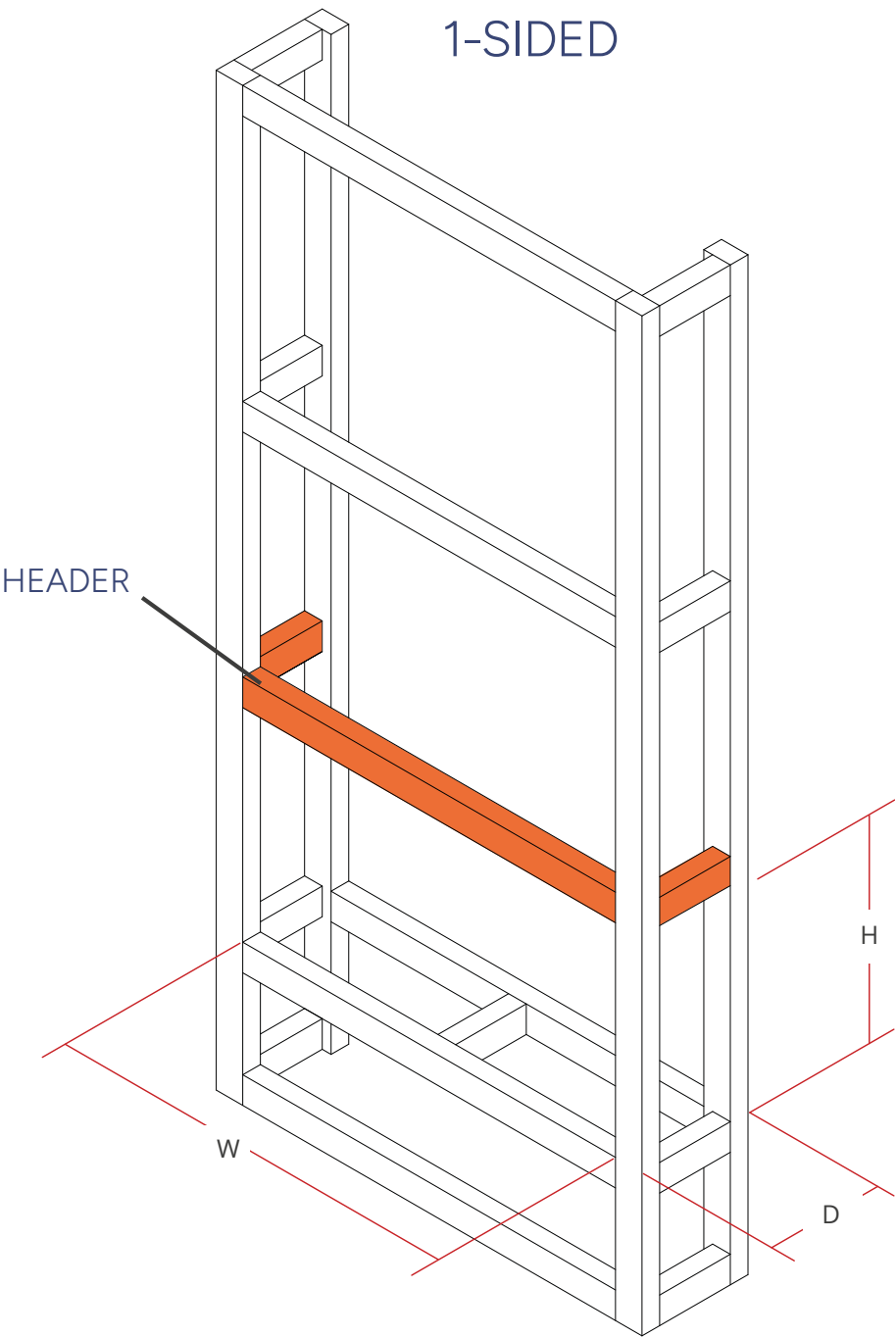
The power switch can not be hidden. It must have an easily accessible switch.

We recommend fitting the wall around the fire to allow for any manufacturing tolerances.

Any protruding headers must be made of a non combustible material.

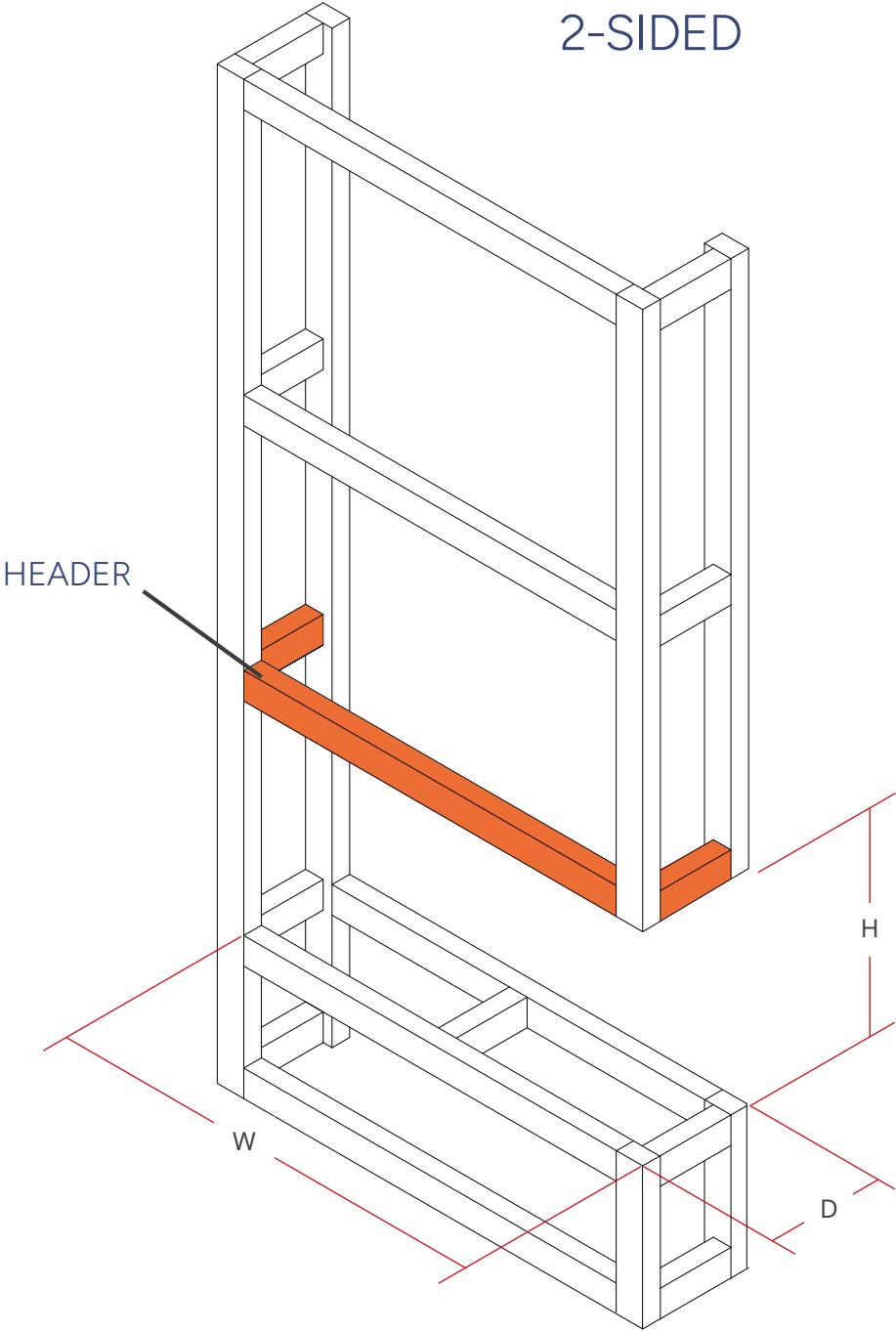
BEFORE FINISHING THE WALL MAKE SURE TO TEST THE APPLIANCE IS FULLY WORKING

STUD WALL INSTALLATION



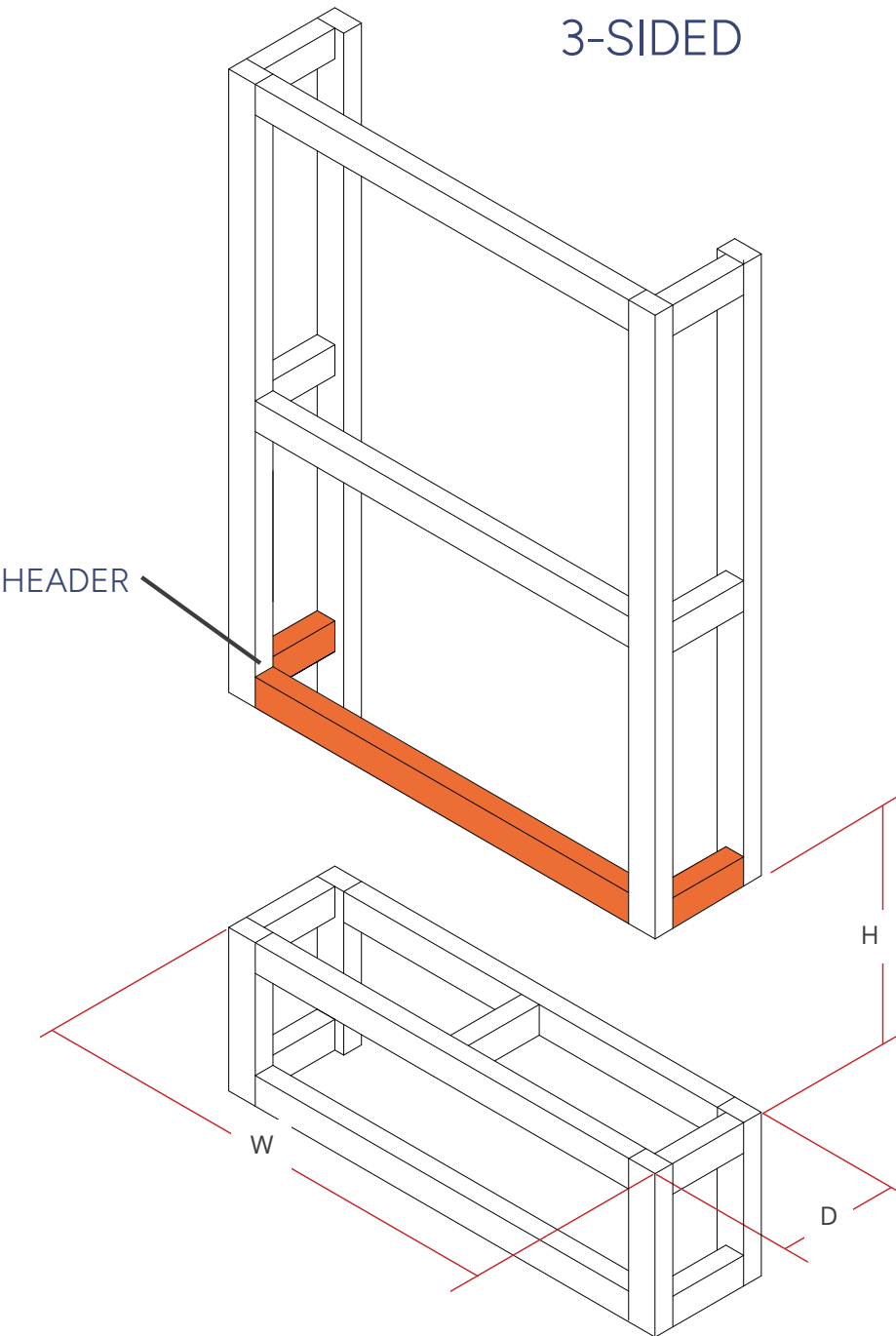
1 SIDED MINIMUM REQUIRED DIMENSIONS			
DIMENSION	1300	1500	1800
Height (H)	615mm/24 3/16"	615mm/24 3/16"	615mm/24 3/16"
Width (W)	1275/1230mm /50 3/16"	1525/1530mm/60 1/16"	1825/1830mm / 71 7/8"
Depth (D)	515mm / 20 1/4"	515mm / 20 1/4"	515mm / 20 1/4"

STUD WALL INSTALLATION



2 SIDED MINIMUM REQUIRED DIMENSIONS			
DIMENSION	1300	1500	1800
Height (H)	615mm / 24 3/16"	615mm/24 3/16"	615mm/24 3/16"
Width (W)	1275/1230mm /50 3/16"	1525/1530mm/60 1/16"	1825/1830mm / 71 7/8"
Depth (D)	515mm / 20 1/4"	515mm / 20 1/4"	515mm / 20 1/4"

STUD WALL INSTALLATION

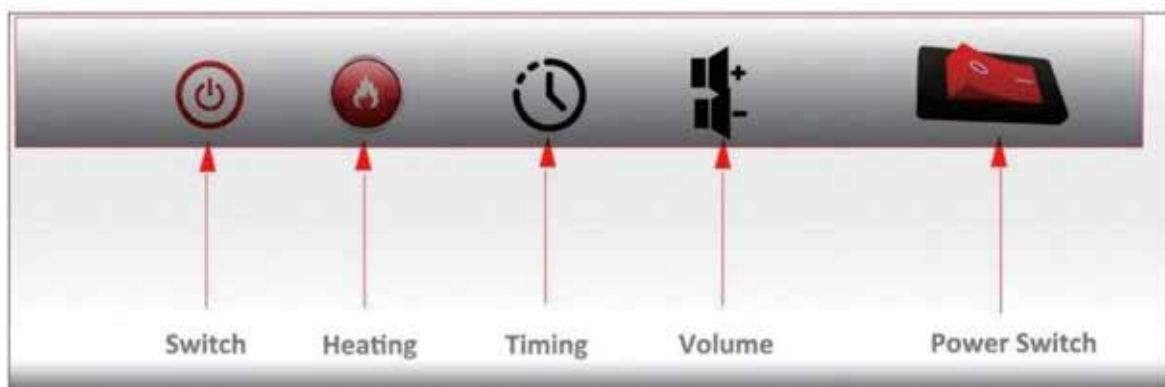


3 SIDED MINIMUM REQUIRED DIMENSIONS			
DIMENSION	1300	1500	1800
Height (H)	615mm/24 3/16"	615mm/24 3/16"	615mm/24 3/16"
Width (W)	1275/1230mm /50 3/16"	1525/1530mm/60 1/16"	1825/1830mm / 71 7/8"
Depth (D)	515mm / 20 1/4"	515mm / 20 1/4"	515mm / 20 1/4"

HOW TO ACCESS CONTROL PANEL

The appliance can be operated either by the switches located on the top right hand side of the fire or by supplied remote control.

1. The POWER SWITCH must be first switched on
It takes some time for the receiver to respond to the transmitter. **Do not** PRESS the buttons more than once within two seconds for correct operation.
2. Press ON/OFF button once on the remote control.
This turns the appliance and fire effect ON or OFF.
3. Press the HEAT button once for the LOW heat setting (750W); press twice for the HIGH heat setting (1500W); press a third time to TURN OFF the heater. Fan will turn off in 10 seconds.
4. TIME setting. The timing function is superimposed for 1 hours each time until 2 hours and for every hour above 2 hours (maximum 8 hours).
5. Volume adjustment from 0-100% in 5 levels.



REMOTE CONTROL

Control Panel / Remote Control Operation

(Control panel POWER switch must be ON to use remote control.)

The appliance can be operated either by the switches located on the top right hand side of the fire or by supplied remote control.

POWER		ON: Enables control panel functions and remote control. Turn on flame effect. OFF: Disables control panel functions and remote control. Turn off flame effect.
VOLUME		Volume button: Adjust the flame sound effect.
FLAME		Flame colour.
		
LOG BED		Ember log bed switch.
		Ember flame bed light.
TOP LIGHT		Ember top light.
FLAME BRIGHTNESS		Controls flame brightness.
TIMER		The timing function is superimposed for 0.5 hours each time until 2 hours, and for every hour above 2 hours (maximum 8 hours).
TEMPERATURE		Temperature setting, off -76°F -80°F -84°F -88°F, five gear setting. When the indoor temperature is equal to or greater than the set temperature value, the heating function automatically shut down.
HEATER		HEATER BUTTON: Turn heater on and off. NOTE: To prevent overheating, the heater fan will blow out cool air for 10 seconds after the heater turns off. 1. Press once. Indicator lights up. 750W heater turns on and blows warm air. 2. Press again. Indicator lights up. 1500W heaters turns on and blows hot air. 3. Press again. Heaters turn off. The fan blows cool air for 10 seconds to allow heater to cool down, then turns off.



⚠ NOTICE:

When the heater is first turned on, a slight odour may be present. This is normal and should not occur again unless the heater is not used for a long period of time.

⚠ NOTICE:

To improve operation, aim the remote control at the front of the fireplace. **DO NOT** press the buttons too quickly. Give the unit time to respond to each command.

CARE & MAINTENANCE

Remote Control Battery Information.

- This remote control uses two button cell battery (Not included).
- Instructions for battery installation are on the Remote Control battery compartment.

Care and Maintenance

- **ALWAYS** turn the heater **OFF** and unplug the power cord from the outlet before cleaning, performing maintenance, or moving this fireplace. Failure to do so could result in electric shock, fire, or personal injury.
- **NEVER** immerse in water or spray with water. Doing so could result in electric shock, fire, or personal injury.

LED Light Bulbs Replacement:

- When disassembling the equipment in any case, ensure that the power is cut off. Remove the ember bed cover plate below the inclined glass and replace the lamp strip.

Note: The flame effect on this electric fireplace insert is created by LCD display screen.

The life of these LCD displays will be 100,000 hours. The users are not recommended to replace the LCD displays. For any reason should the bulbs stop working properly, contact a qualified technician.

IMPORTANT

NEVER dispose of batteries in fire. Failure to observe this precaution may result in an explosion. Dispose of batteries at your local hazardous material processing centre.

WARNING

Disconnect power before attempting any maintenance or cleaning to reduce the risk of fire electric shock or damage to persons.

LIMITED WARRANTY & TROUBLE SHOOTING

This warrants to the original purchaser that this product is free from defects in material and workmanship as of the date of purchase and that it will, under normal use and proper care, remain so for one year from the date of purchase. Missing or initially defective parts will be replaced free of charge during the period of this limited warranty. If parts are unavailable, comparable replacement or refund will be given. **The original dated sales receipt is required for all warranty claims.** This warranty does not cover damage which has occurred during transport from the point of purchase to the consumer's home. This warranty does not cover glass, light bulbs, batteries, transportation. Labour, or other issues not associated with the manufacture of the product. This product is for residential use only. Any and all commercial use of this product voids all warranties, and frees the manufacturer from all liability.

Read and understand all assembly and operating instructions, and all safety information and warnings, before use. The following will void this warranty: Damage caused from tampering with, modifying, or altering the fireplace insert in any manner, Damage due to incorrect assembly, improper care, misuse, or abuse; Damage from being used with the wrong power source; Water damage; Damage caused from this insert being used outdoors; Damage caused from this insert being used for excessive periods of time; Damage caused by the insert being used in a commercial application; Damage from use as a primary heat source; Other misuse or abuse not specifically listed herein.

**This product is not intended to be used as a primary heat source.
It is for supplemental heating purposes only.**

	TROUBLE-SHOOTING	
SYMPTOM	INSPECTION ITEMS	SOLUTION
The power indicator is off.	Power on or not; Whether the power plug is the power indicator is off. Disconnected or short-circuited.	Turn on the power; Connect the plug or replace the Plug
There's a flame, but no heating.	Overheat protection start; Whether there are obstacles blocking the air inlet.	Wait for the heater to cool down before restarting; Clear the air intake barrier.

Model: E-RIDIUM 1300/E-RIDIUM 1500/E-RIDIUM 1800

Supply: 110-120V/220-240V, 50/60HZ Power

Consumption: 750W/1500W

Protection class: I

Light bulb: LED

NOTES

NOTES

NOTES

www.sustainablehearth.com

Sustainable Hearth

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