

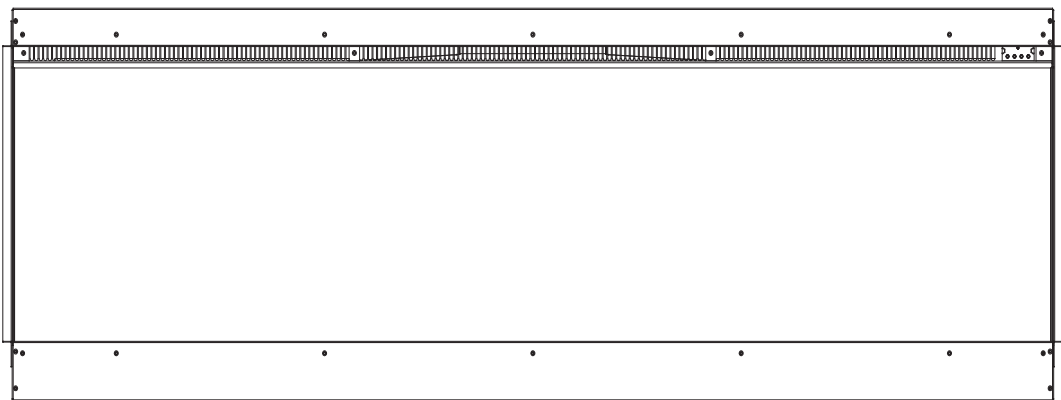


support@hiresc.com

HSA SERIES ELECTRIC FIREPLACE HEATER USER’S MANUAL

Three Sided Electric Fireplace

RYJ-50A-01
RYJ-60A-01
RYJ-72A-01
RYJ-80A-01
RYJ-100A-01



50" 60" 70" 80" 100"
AC 110-120V 60Hz 750W/1500W

 WARNING	Read and understand this entire owner’s manual including all safety information, before plugging in or using this product. Failure to do so could result in fire, electric shock, or serious personal injury.
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 CAUTION	Keep this owner’s manual for future reference. If you sell or give this product away, make sure this manual accompanies this product.
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IMPORTANT SAFETY INFORMATION

WARNING

- **THIS FIREPLACE IS HOT WHEN IN OPERATION AND CAN CAUSE SEVERE BURNS**
- Do not operate fireplace before reading and understanding operation instructions. Failure to operate fireplace according to operation instructions could cause fire or injury.
- Risk of burns. This fireplace is HOT when in operation and heating element is ON. Power to the fireplace should be turned off and the fireplace allowed to cool before servicing. To disconnect power to the fireplace, turn controls to off, then remove plug from outlet.
- Do not install damaged or incomplete, or substitute components.
- Young children should be carefully supervised when they are in same room with fireplace. Toddlers, young children and others may be susceptible to accidental contact burns. A physical barrier is recommended if there are at risk individuals in the house. To restrict access to the fireplace, install an adjustable safety gate to keep toddlers, young children and other at risk individuals away from the fireplace and hot surfaces.
- Clothing and other flammable material should not be placed on or near the fireplace.
- Due to high temperatures, the fireplace should be located out of traffic and away from furniture and draperies.
- Ensure that you have incorporated adequate safety measures to protect infants/toddlers from touching hot surfaces.
- It is imperative that the control compartments, circulating blower, and its passageway is kept clean.
- Under no circumstances should this fireplace be modified.
- Do not use the fireplace if any part has been under water.
- Do not operate the fireplace with the glass panel removed, cracked or broken.
- Keep the packaging material out of the reach of children. As with all plastic bags, these are not toys and should be kept away from children and infants.
- Servicing should only be done while the fireplace is disconnected from the power outlet.
- Unplug fireplace if not being used for an extended period of time.
- Do not operate this fireplace with a damaged cord or plug after the fireplace malfunctions, has been dropped, or damaged in any manner.
- Do not use outdoors.
- Never locate fireplace where it may fall into a bathtub or other water container.
- Do not run the cord under carpeting. Do not cover cord with throw rugs, runners, or the like. Arrange cord away from traffic area and where it will not be tripped over.
- Connect to properly grounded outlets only.
- Do not insert foreign objects into any ventilation or exhaust opening as this may cause an electric shock, fire, or damage to the fireplace.
- To prevent a possible fire, do not block the air intakes or exhaust in any manner. Do not use on soft surfaces, like a carpet, where openings may be blocked.
- Ensure clearances to combustibles are maintained when building a mantel or shelves above the fireplace. Elevated temperatures on the wall or in the air above the fireplace can cause melting, discoloration or damage to the decorations, a TV or other electronic components.

Parts and Hardware

Tools Required

- Phillips screwdriver
- Stud finder
- Level
- Tape measure
- Electric drill
- Wood drill bit

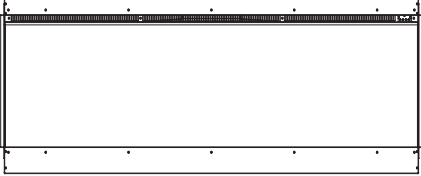
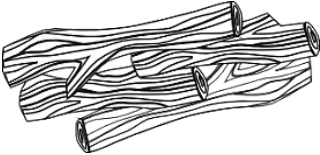
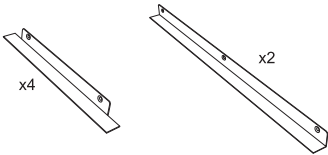
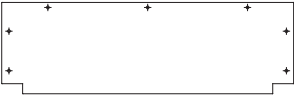
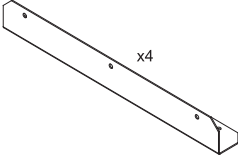
Unpacking and Setup

Unpacking Instructions

- Remove all parts and hardware from the carton and place them on a clean, soft, dry surface. Check the parts list to make sure no parts are missing. If parts are missing, please contact technical support for replacement parts.

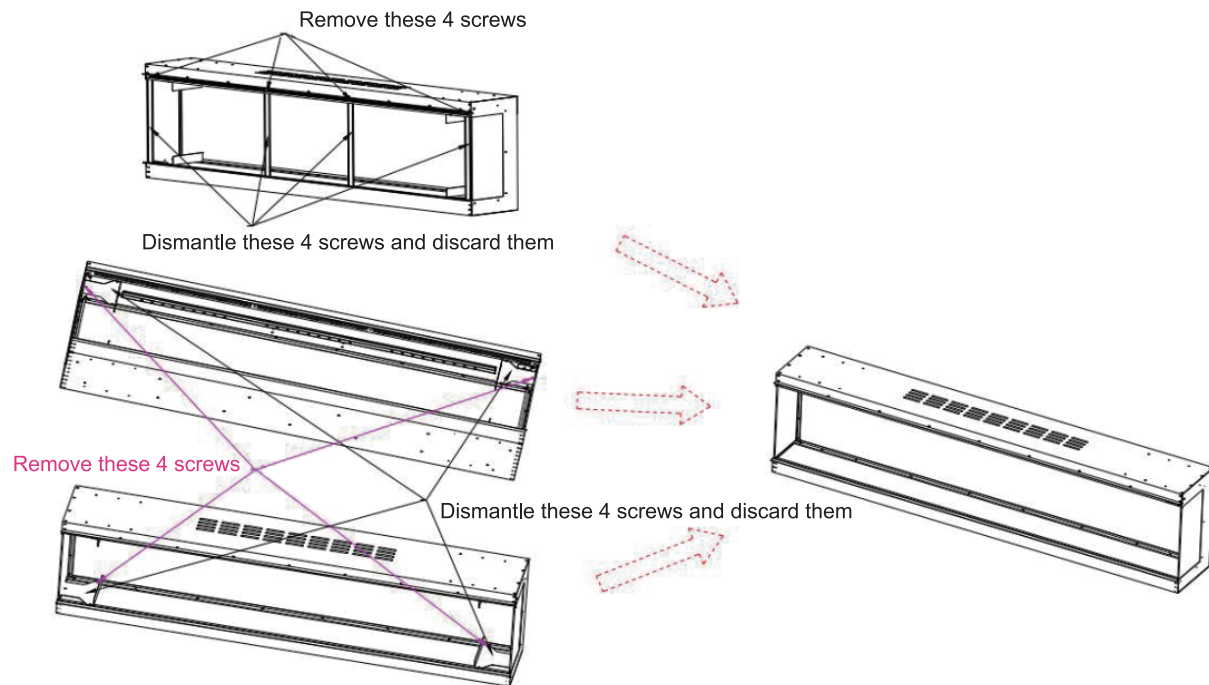
NOTE: Dispose of plastic bag, as it may cause choking hazard with young children. Do not let children play with plastic bag.

BOX CONTENTS

		
1 Fireplace		
		
Front Glass	2 Side Glass Pieces	1 Remote Control
		
Canyon Driftwood Logs	Crystal Embers	Side Metal Brackets
		
2 Side Covers	Mantel Metal Brackets	Screws

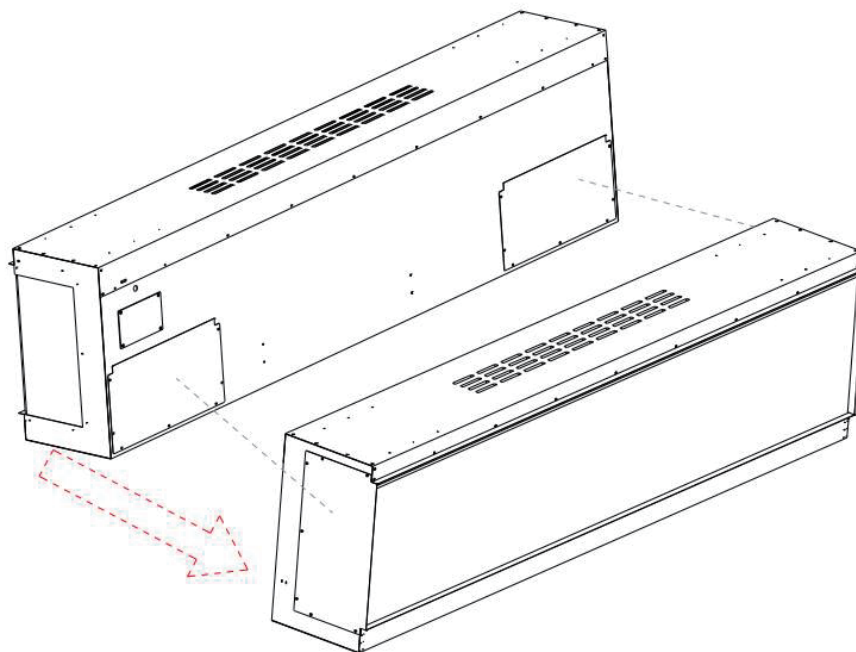
Unpacking Instructions

1. First,remove these screws and take out the unwanted parts for disposal.See Fig.1



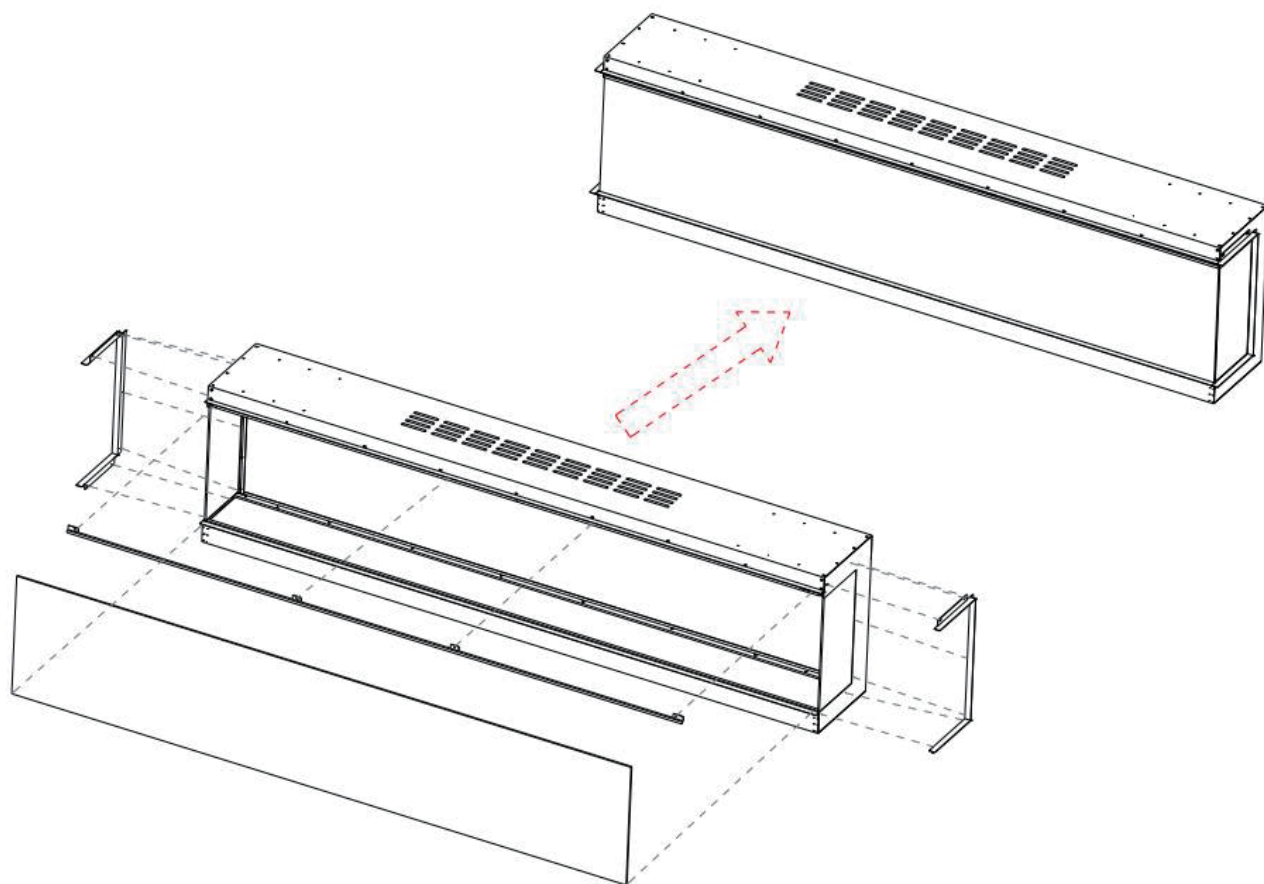
See Fig.1

2. For the installation of the left and right side panels, please refer to Figure 2.



See Fig.2

3. Installation of glass and left and right side strips is shown in Figure 3.



Wiring

The HSA series recessed fireplace can be plugged into a grounded 3 -prong outlet.

Testing the Fireplace Prior to Installation

Before installing the fireplace, test the fireplace to make sure that it operates properly. Due to the motor the fire will have a slight noise when in operation.

The remote will need syncing to the fire unit. This can be done in either of two ways.

1: when plugging the fire in for the first time you need to use the remote rather than the buttons on the unit. When first plugged in you should see an orange light come on and whilst this is on you tap the red power button at the top of the remote several times and this will sync the remote. If the fire is already plugged in -you can unplug the fire, leave the fire off for 20 seconds and try the above again.

OR

2: When the fire is plugged in turn on the fire using the red button on the fire. Then whilst the fire is on hold down the red button on the unit for 3-4 seconds and this should bring the orange light on and then tap the red power button at the top of the remote several times to sync.

Prong Outlet Installation

Only use this fireplace on a 110V ac, 14-Amp grounded circuit. Never overload the circuit. If this fireplace trips the circuit breaker, unplug all other appliances on the same circuit before the next use. Avoid plugging other appliances into the same circuit as this fireplace.

Always check the fireplace plug and connections before each use.

Never plug this fireplace into an outlet that is cracked or has any loose wires or connections. Plugging this fireplace into a faulty outlet could result in the outlet overheating or catching fire.

Make sure this plug fits securely into the outlet. Faulty wall outlet connections or loose plugs can cause the outlet to overheat. If the outlet or face plate is hot, discontinue use immediately and have a qualified electrician inspect and/or replace the faulty outlet.

Power Data

Model	RYJ-50A-01	RYJ-60A-01	RYJ-72A-01	RYJ-80A-01	RYJ-100A-01
Voltage	110Vac	110Vac	110Vac	110Vac	110Vac
Watts	750/1500W	750/1500W	750/1500W	750/1500W	750/1500W
Amps	14AMP	14AMP	14AMP	14AMP	14AMP

Installation

WARNINGS

- Due to high temperatures, keep the fireplace out of high traffic locations.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 1M away from the front of the fireplace.
- Never install the fireplace where it may fall into a bathtub or other body of water.
- Wear safety gloves and safety glasses for protection during installation. Broken glass may cause injury or harm.
- Prevent contact with loose insulation. Do not install the fireplace against a vapor barrier or exposed insulation.
- Do not expose the fireplace to the elements (rain, etc).

Choosing Installation Location

Choosing Wall Location

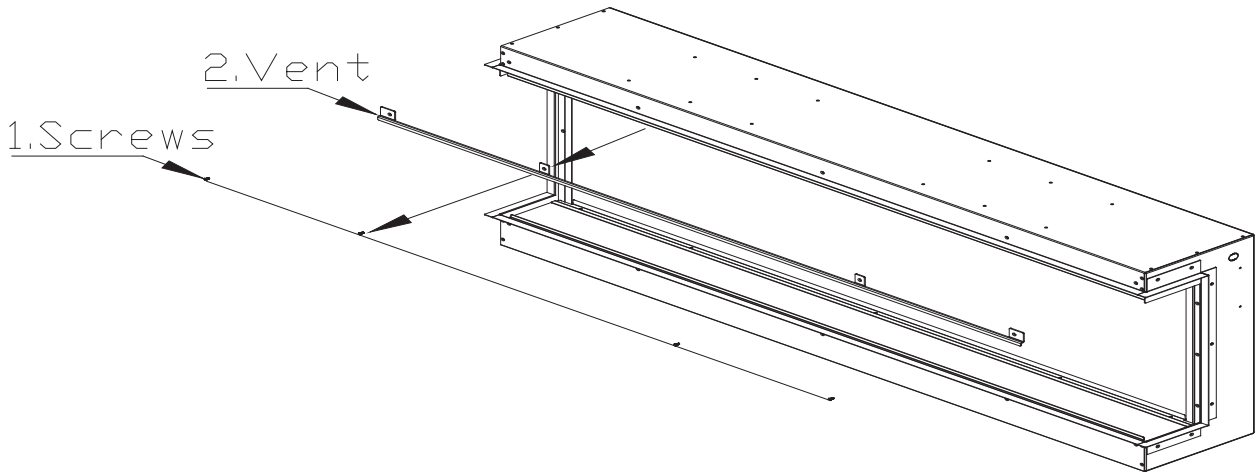
- Measure wall location to ensure that fireplace will fit on desired wall location.
- Minimum clearances (measurements taken from front of glass panel):

Bottom of Fireplace to Floor: 150mm	Top of Fireplace: 200mm to mantel
Sides of Fireplace: 0mm	Top of Fireplace: 200mm to TV
Back of Fireplace: 0mm	Top of Fireplace: 200mm to ceiling

- Select a location that is not prone to moisture and is located at least 1000mm away from combustible materials such as curtains, drapes, furniture, bedding, or other combustible materials.
- See Safety Information for warnings about safe placement, safe installation, and proper use of this product.

How to remove the glass panel bracket

1. There are 4 screws that fasten the glass panel bracket to the fireplace. Remove all 4 screws to remove the glass panel bracket.
2. After removing screws, the glass panel bracket away from the fireplace.

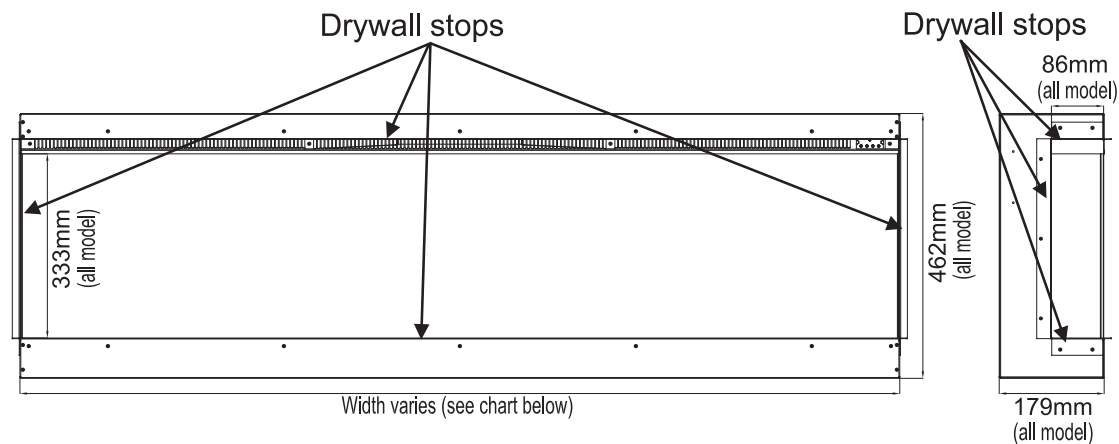


Recessed Installation

- Due to many different finish materials used on walls, it is highly recommended that you consult your local builder before you install this fireplace in the wall.
- Select a location that is not prone to moisture and is located at least 1000mm away from combustible materials such as curtains, drapes, furniture, bedding, or other combustible materials.
- In order to avoid the possibility of exposed insulation or vapor barrier coming in contact with the fireplace, it is recommended that the walls of the fireplace enclosure be "finished"(ie. Sheetrock, drywall, etc) as you would finish any other outside wall of your home. This will ensure that clearance to combustibles is maintained within the wall cavity.
- Never install fireplace into load-bearing walls. When recessing fireplace in a wall, recess into non-load bearing walls ONLY!

Instructions:

1. Choose a location in the wall to install fireplace.
2. Make an opening in the wall based on metal firebox size.

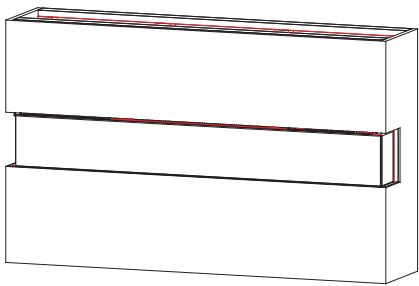
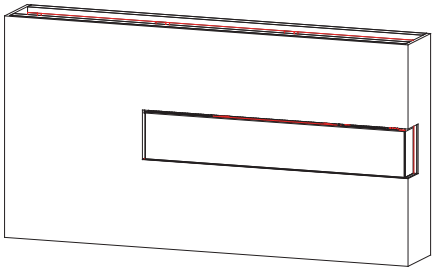
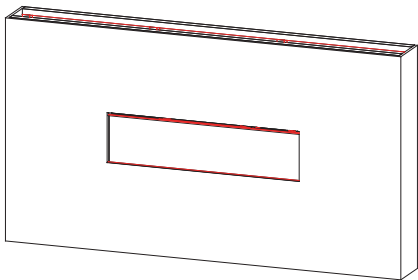
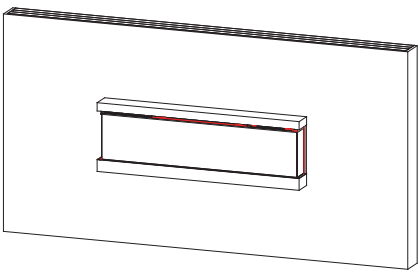
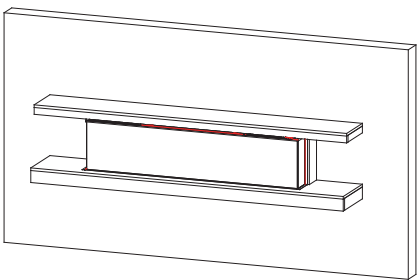


Fire Dimensions

Model	RYJ-50A-01	RYJ-60A-01	RYJ-72A-01	RYJ-80A-01	RYJ-100A-01
Fireplace Height Overall	460mm	460mm	460mm	460mm	460mm
Fireplace Height Recess	460mm	460mm	460mm	460mm	460mm
Fireplace Width Overall	1296mm	1526mm	1826mm	2058mm	2566mm
Fireplace Width Recess	1270mm	1500mm	1800mm	2032mm	2540mm
Fireplace Depth Overall	190mm	190mm	190mm	190mm	190mm
Fireplace Depth Recess	179mm	179mm	179mm	179mm	179mm

Recessed Installation Overview

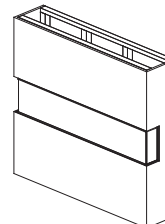
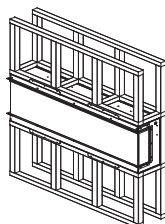
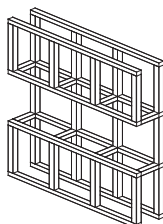
The HSA three-sided Electric Fireplace can be installed in five different recessed configurations:

 A perspective view of a fireplace unit installed in a wall. The unit is recessed into the wall, and the top, front, and right sides are visible, showing the glass front and the internal firebox structure.	Three-Sided Installation: • Glass exposed on the left, front, and right sides. • Fireplace is fully recessed into the wall with both sides open.
 A perspective view of a fireplace unit installed in a wall. The unit is recessed into the wall, and the front and left side are visible, showing the glass front and the internal firebox structure.	Two-Sided Installation: • Glass exposed on the front and left or right side. • Fireplace is fully recessed into the wall with one side open.
 A perspective view of a fireplace unit installed in a wall. The unit is recessed into the wall, and the front is visible, showing the glass front and the internal firebox structure.	Single-Sided Installation: • Glass exposed in the front of the fireplace. • Fireplace is fully recessed into the wall.
 A perspective view of a fireplace unit installed in a wall. The unit is recessed into the wall, and the front and right side are visible, showing the glass front and the internal firebox structure.	Partial Recess Installation: • Glass exposed on the left, front, and right sides. • Fireplace is fully recessed into the wall with both sides open.
 A perspective view of a fireplace unit installed in a wall. The unit is recessed into the wall, and the front and right side are visible, showing the glass front and the internal firebox structure.	Slide-in cabinet Installation: • Glass exposed on the left, front, and right sides. • Fireplace is fully recessed into the wall with both sides open.

Recessed Installation

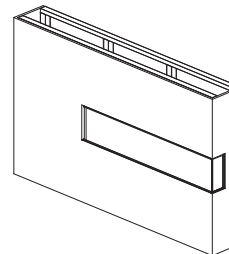
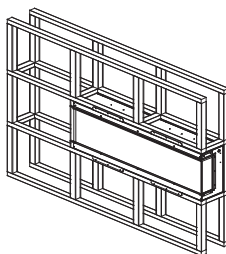
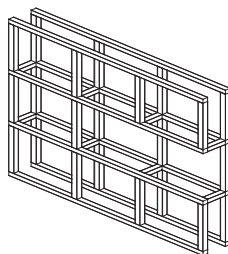
Three-Sided Installation

1. Prepare the framed opening according to the Rough Opening Dimensions chart. Provide a 110 Vac 14amp circuit for wire install at the top right of the framed opening.
2. Install Metal Bracket.
3. Install the fire unit in the framed opening with a minimum 1 ¼ drywall screws to secure the unit.
4. Mask the exposed fire unit during the drywall process. Install drywall to the drywall stops on the perimeter of the fire box.



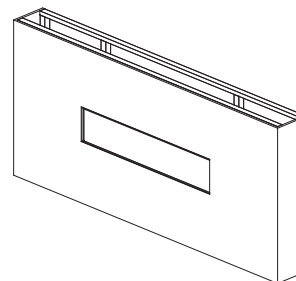
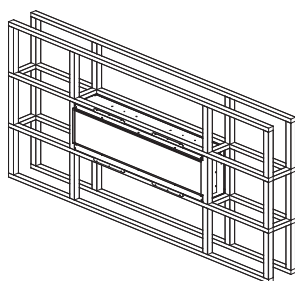
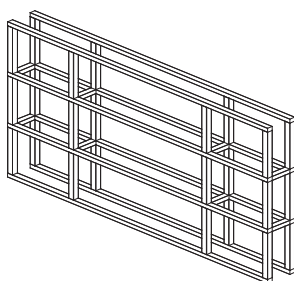
Two-Sided Installation

1. Follow steps 1 & 2 from the three-sided installation instructions.
2. Install the corresponding side cover on the fire unit according to your installation.(No need to remove the side glass.)
3. Install the fire unit in the framed opening with a minimum 1 ¼ drywall screws to secure the unit.
4. Mask the exposed fire unit during the drywall process. Install drywall to the drywall stops on the perimeter of the fire box.



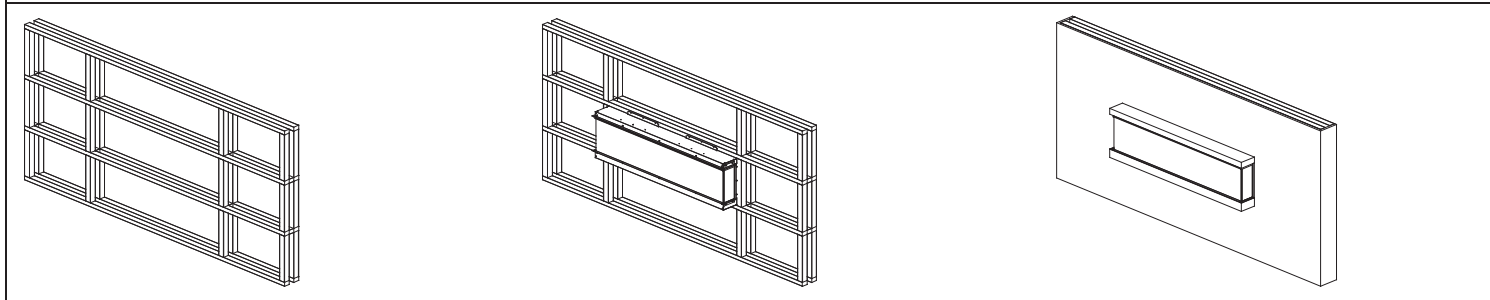
Single-Sided Installation

1. Follow steps 1 & 2 from the three-sided installation instructions.
2. Install the side covers on both sides of the fire unit.(No need to remove the 2 side glass.)
3. Install the fire unit in the framed opening with a minimum 1 ¼ drywall screws to secure the unit.



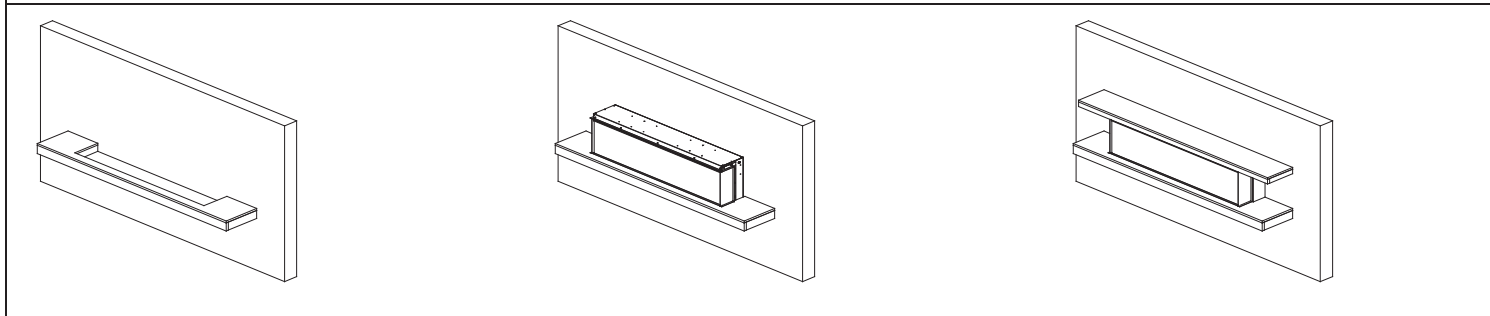
Partial Recess Installation(Optional):

Follow the directions included with the Partial Recess.



Slide-in cabinet Installation(Optional):

Follow the directions included with the Slide-in Cabinet.



Installing the Crystal Ember and Log-set

Once the fireplace is installed in the wall,place crystal media stones and artificial logs in the fireplace.

Installing the Crystal Embers

1. Carefully place crystal embers on plastic strip.Apply an even layer from side to side.Randomly place the crystals on top of the crystals to add an extra dimension to the ember bed.

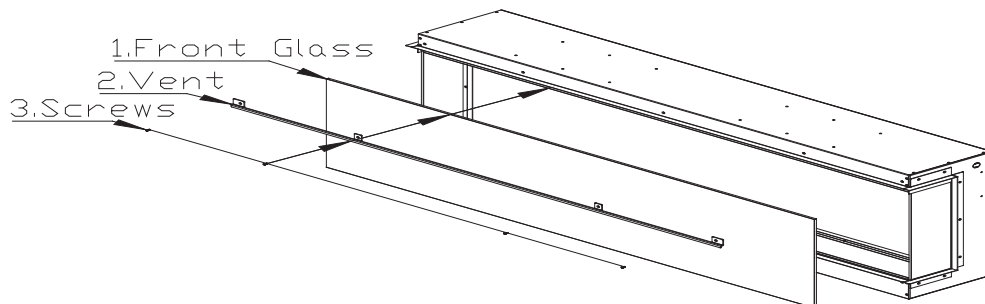
Installing the Log-set

1. Carefully place the log set in the designed ember slot.

Reinstalling the Glass Panel

Once completed installing crystal embers or fire log,you are now ready to reinstall the glass panel.

1. Place the glass panel back inside the fireplace and push the glass panel into place.
2. Reattach the screws holding the glass panel in place,as shown below.



Your HSA fireplace is now ready for use!

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Operating Fireplace

Once the fireplace has been plugged into a grounded outlet, the fireplace is now ready for operation. Ensure that the house circuit breakers for the power supply are turned on.

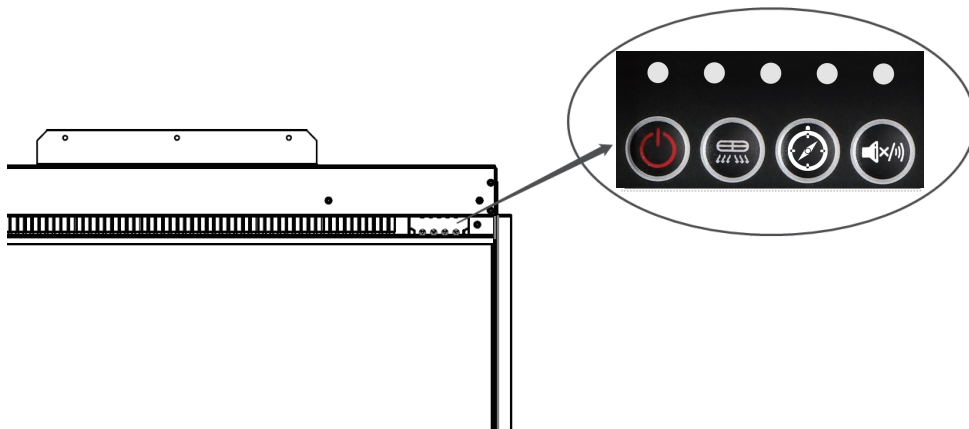
Power

Plug the power cable into a 110v 14 amp grounded outlet. Make sure the outlet is in good condition and that the plug is not loose. **NEVER** exceed the maximum amperage for the circuit **DO NOT** plug other appliances into the same circuit.

Methods of Operation

This electric fireplace can be operated by the CONTROL PANEL, located in the upper right hand corner of the fireplace, or by the WIRELESS REMOTE CONTROL. The operation and functions of both methods are the same.

Control Panel

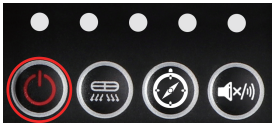
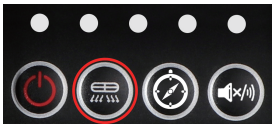
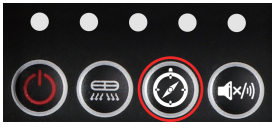
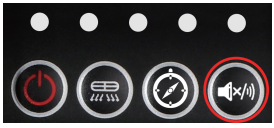


Wireless Remote Control



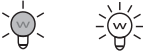
Method of Operation

Control Panel Functions

BUTTON	FUNCTION	ACTION & INDICATION
 POWER	ON: Enables control panel functions and remote control. Turns on flame effect. OFF: Disables control panel functions and remote control. Turns off flame effect.	1. When the fireplace is powered on, all indicator lights flash three times, then LED1 remains lit. After pressing the power button once to turn on the fireplace, LED1 turns off. 2. Press again. The flame effect is turned off. The device enters standby mode. All functions are turned off, and LED1 remains on for a long time. 3. Long press and hold 3S to enter code matching mode (At the same time, the power on code checking function is retained, so the indicator light flashes simultaneously during code checking. After 5 seconds of no code checking operation, exit the codechecking mode)
 HEATER	Heater button: Turns heater on and off-cycle. NOTE: To prevent overheating, the heater blows cool air for 30 seconds after it turns off.	1. Press once. The indicator light LED2 lights up. Turn on the low heater and blow out warm air. 2. Press again. The indicator light LED3 comes on. Turn on the high-pressure heater and blow out hot air. 3. Press again. The heater is turned off, while LED2 and LED3 are extinguished. The fan blows cold air for 30 seconds and then turns it off.
 Time	Time button: preset fireplace working hours among 0.5-12 hours by pressing this timer button	1. Press this button to activate the timing function. When the timer is activated, the timer indicator LED 4 will remain on for a long time, the default setting is 0.5 hours. 2. When continuously pressing this keys, the timed duration indicator light LED5 flashes. The time gap between 1-12 hours is 3 seconds, LED5 flashes the number of times corresponding to the set hours.
 Sound	Sound button: Enable or disable the fires crackle sound.	1. Connect and press this button to turn on or off the sound of crackle fire. 2. Press once for default volume level. Press twice to activate second volume level. Press three times to activate third volume level. Press once more to mute the sound.

Method of Operation

Wireless Remote Control Functions

	Power button	The machine can be turned on and off cyclically
	Color ring	Adjustable single group color
	Dimmer	Adjustable single group brightness(9-level)
	Flash speed adjustment button	Adjust the speed of light flashing in dynamic light mode
	Mode button	Adjustable light flashing mode
	Timer button	0.5-12H timer setting
	Heater	Heater switch low-high-off continuous cycle
	Sound button	Crackle sound ON/OFF(3-level)
Reset	Reset	Reset to default state



Remote Control Operation

- This remote control uses 1 CR2032 batteries
- To improve operation of the remote control, 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.
- NOTICE: 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 center.

Care and Maintenance

Cleaning

- ALWAYS turn the heater OFF and unplug the power cord from the outlet before cleaning, performing maintenance, or moving the 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.

Metal:

- Buff using a soft cloth, slightly dampened with citrus oil-based product.
- DO NOT use brass polish or household cleaners, as these products will damage the metal trim.

Glass:

- Use a good quality glass cleaner sprayed onto a cloth or towel. Dry thoroughly with a paper towel or lint-free cloth.
- NEVER use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Vents:

- Use a vacuum or duster to remove dust and dirt from the heater and vent areas.

Plastic:

- Wipe gently with a slightly damp cloth and a mild solution of dish soap and warm water.
- NEVER use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Maintenance

- RISK OF ELECTRIC SHOCK! DO NOT OPEN any panels. No user-serviceable parts inside!
- ALWAYS turn the heater OFF and unplug the power cord from the outlet before cleaning, performing maintenance, or moving the fireplace. Failure to do so could result in electric shock, fire, or personal injury.

Electrical and Moving Parts:

- The fan motors are lubricated at the factory and will not require lubrication.
- Electrical components are integrated in the fireplace and are not serviceable by the customer.

Storage:

- Store fireplace in a clean, dry place when not in use.

Friendly FAQ

Q: How much temperature can this fireplace be adjusted?

A: The temperature of fireplace can be adjusted from 50°F-99°F or 10°C-37°C

Q: What is an acceptable heating distance?

A: If you would like to feel the heat in front of you, 1.5 meters is great, but if you want to be sit without feel the heat, 2.5 metes is perfect.

Q: How to remove the panel to add crystals?

A: Friendly reminder: The screw is located in the recess at the front of the glass - it is on the left side of the hole. Then, you can lift the glass to add exquisite crystals

Q: What distance can the remote be used from the fireplace?

A: Optimal distance for the remote control is within 6 meters.

Q: Is this electric fireplace rated for use in bathrooms and outdoor?

A: This electric fireplace cannot be used in the bathroom and outdoor.

Q: Can this electric fireplace use the heat without the flames?

A: Surely, the heating and flame functions are separate, they can be turned on/off separately or together

Q: Will this electric fireplace be quiet when heated?

A: Yes, Less than 28db, So silent heating, bring your family comfortable sleep.

Q: How to Clean the electric fireplace?

A: Our User Mannual of the electric fireplace have shown in detail the operation of cleaning the fireplace. Including metal, glass, vent and plastic.

Q: Do you have 220V Electric Fireplace model?

A: No, we do not produce electric fireplace that is 220V.

Q: Is this fireplace cool to the touch when opening heating modes?

A: When our Electric Fireplace operating the heat, the air outlet is hot, and other places are cool.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference.
- (2) this device must accept any interference received, including interference that may cause undesired operation.

STOP Contact us ASAP **STOP**

DO NOT RETURN TO STORE

Please Email us at: support@hiresc.com

Warranty

Our electric fireplaces are to be free of defects in material and workmanship for one year from the date of purchase. This warranty only covers manufacturing faults.

This warranty does not cover damages, accidents, lack of maintenance, abuse or neglect. The warranty does not cover paint scratches, cosmetic blemishes, dents, corrosion or other normal wear and tear associated with the fireplace. Damage to the fire or other components due to water, weather damage, long periods of dampness or condensation. Damaging chemicals or cleaners are not covered under warranty.

1. Please do not discard the packaging until you have verified that the product is in good condition, in case a return is necessary.
2. If any accessories are damaged during shipping, please take photos immediately and contact us for a replacement.

