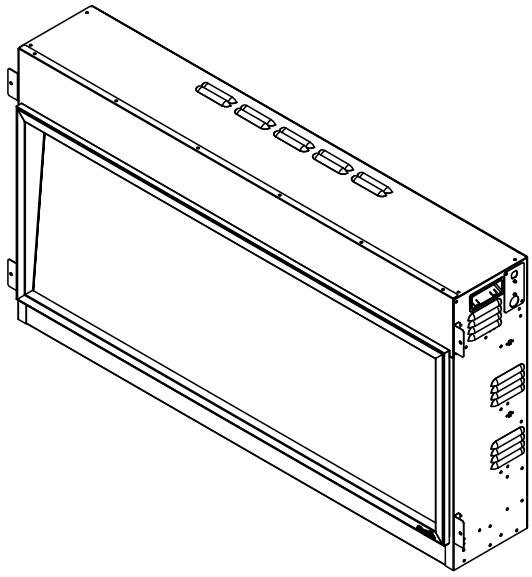
Owner's Manual
Installation and Operation

Scion Series:

Model(s):
SF-SC43-BK
SF-SC55-BK
SF-SC78-BK



NOTICE



DO NOT DISCARD THIS MANUAL

- Important operating and maintenance instructions included.
- Read, understand and follow these instructions for safe installation and operation.
- Leave this manual with party responsible for use and operation.



Congratulations!

Congratulations on selecting a SimpliFire Electric Fireplace, an elegant and clean alternative to wood and gas burning fireplaces. The SimpliFire electric fireplace you have selected is designed to provide the utmost in safety, reliability, and efficiency.

READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE, OR MAINTAIN THIS PRODUCT.

PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE.

⚠ WARNING: To reduce risk of fire, electrical shock, or personal injury, read and understand all instructions, including safety information before plugging in and using this appliance.

SimpliFire, a brand of Hearth & Home Technologies
7571 215th Street West, Lakeville, MN 55044
www.hearthnhome.com

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1 IMPORTANT INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING! Risk of Fire! Risk of Burns! Risk of Electrical Shock!

DO NOT:

- *Install or operate damaged heater*
- *Modify heater*
- *Operate the heater without fully assembling all components*

Hearth & Home Technologies disclaims any responsibility for, and the warranty and agency listing will be voided by the above actions.

WARNING! DO NOT operate appliance before reading and understanding operating instructions. *Failure to operate appliance according to operating instructions could cause fire or injury.*

WARNING! Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. *Failure to install appliance according to Owner's Manual could cause property damage or injury.*

NOTICE! *This appliance is not intended for use as a primary heat source and should not be factored as such in residential heating calculations.*

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 installing this appliance.
- This appliance is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials such as furniture, pillows, bedding, papers, clothes, etc., and curtains at least 3 ft. (0.9 m) from the front of the appliance and keep them away from the sides and rear.
- Extreme caution is necessary when any appliance is used by or near children or other at risk individuals and whenever the appliance is left operating and unattended.
- Do not operate any appliance if it malfunctions. Disconnect power at service panel and have appliance inspected by a reputable electrician before reusing.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire, or damage the appliance.
- To prevent a possible fire, do not block appliance fan air intakes or exhaust in any manner.
- A heater has hot and sparking parts inside. Do not use it in areas where gasoline, paint, flammable vapors or liquids are used or stored.
- Use this appliance only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Do not operate any appliance with a damaged cord, plug after the appliance malfunctions, has been dropped or damaged in any manner. Return appliance to authorized service facility for examination, electrical or mechanical adjustment or repair.
- Do not use outdoors.
- Never locate appliance where it may fall into a bathtub or water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or the like. Arrange cord away from traffic areas and where it will not be tripped over. Do not tightly coil cord.
- Always use properly grounded, fused and polarized outlets.
- Always use ground fault protection where required by electrical code.
- To disconnect appliance, turn controls to "OFF" then remove plug from outlet.
- Always disconnect power before performing any cleaning, maintenance or relocation of the appliance.
- To prevent electrical shock or fire, always use a certified electrician should new circuits be required.
- When transporting or storing the appliance, keep in a dry place free from excess vibration to avoid damage.
- Avoid use of an extension cord because an extension cord may overheat and cause a fire. However if you have to use an extension cord, the cord should be No. 14 AWG minimum size and rated to not less than 1875 watts.

SAVE THESE INSTRUCTIONS

⚠ Safety Alert Key:

- ***WARNING!*** *Indicates a hazardous situation which, if not avoided could result in death or serious injury.*
- ***CAUTION!*** *Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.*

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A. Warranty

Hearth & Home Technologies LLC
LIMITED LIFETIME WARRANTY

Hearth & Home Technologies LLC ("HHT") extends the following warranty for HHT gas, wood, pellet and electric hearth appliances (each a "Product" and collectively, the "Product(s)") and certain component parts set forth in the table below ("Component Part(s)") that are purchased from a HHT authorized dealer or distributor.

WARRANTY COVERAGE:

HHT warrants that the Products and their Component Parts will be free from defects in materials and workmanship for the applicable period of Warranty coverage set forth in the table below ("Warranty Period"). If a Product or Component Parts are found to be defective in materials or workmanship during the applicable Warranty Period, HHT will, at its option, repair the applicable Component Part(s), replace the applicable Component Part(s), or refund the purchase price of the applicable Product(s). The maximum amount recoverable under this Warranty is limited to the purchase price of the Product. This Warranty is transferable from the original purchaser to subsequent owners, but the Warranty Period will not be extended in duration or expanded in coverage for any such transfer. This Warranty is subject to conditions, exclusions, and limitations as described below.

WARRANTY PERIOD:

Warranty coverage begins at the date of installation. In the case of new home constructions, Warranty coverage begins on the date of first occupancy of the dwelling or six months after the sale of the Product(s) by an independent, authorized HHT dealer or distributor, whichever occurs earlier. However, the Warranty coverage shall commence no later than 24 months following the date of Product shipment from HHT, regardless of the installation or occupancy date.

The term "Lifetime" in the table below is defined as: 20 years from the beginning date of warranty coverage for gas appliances, 10 years from the beginning date of warranty coverage for wood and pellet appliances, and 5 years from the beginning of warranty coverage for standalone gas log sets. These time periods reflect the minimum expected useful lives of the designated Component Parts under normal operating conditions.

Warranty Period		**HHT Manufactured Appliances and Venting**					
Component Parts	Labor	Gas	Pellet	Wood	Electric	Venting	Component Parts Covered by this Warranty
1 Year		X	X	X		X	All parts including handles, external enameled components and other material except as covered by Warranty Conditions, Warranty Exclusions, and Warranty Limitations listed
2 Years					X		All parts except as covered by Warranty Conditions, Warranty Exclusions, and Warranty Limitations listed
2 years			X	X			Igniters, Auger Motors, Electronic Components, and Glass
		X					Electrical components limited to modules, remotes/wall switches, valves, pilots, blowers, junction boxes, wire harnesses, transformers and lights (excluding light bulbs)
		X		X			Molded Refractory Panels, Glass Liners
3 years			X				Firepots, burnpots, mechanical feeders/auger assemblies
5 years		X					Burners and logs for standalone gas log sets (Vented and Vent Free gas log sets not sold as components of the fireplace or stove)
5 years	1 year	X					Vent Free Burners and Vent Free Log components of HHT manufactured fireplaces or stoves
			X	X			Castings, Medallions and Baffles
6 years	3 years			X			Catalysts
7 years	3 years		X	X			Manifold tubes, HHT Chimney and Terminations
10 years	1 year	X					Burners, logs and refractory components of HHT manufactured fireplaces or stoves
Limited Lifetime	3 years	X	X	X			Firebox and heat exchanger, FlexBurn® System (engine, inner cover, access cover and fireback)
1 Year	None	X	X	X	X	X	All purchased replacement parts

4021-645M 9/21

WARRANTY CONDITIONS:

- Because HHT cannot control the quality of any Products sold by unauthorized sellers, this Warranty only covers Products that are purchased through an HHT authorized dealer or distributor unless otherwise prohibited by law; a list of HHT authorized dealers is available on the HHT branded websites.
- This Warranty is only valid while the applicable Product remains at the site of original installation.
- This Warranty is only valid in the country in which the HHT authorized dealer or distributor that sold the applicable Product is authorized to sell applicable Product.
- Contact your installing distributor or dealer for Warranty service. If the installing dealer or distributor is unable to provide necessary parts, contact the nearest HHT authorized dealer or supplier. Additional service fees may apply if you are seeking Warranty service from a dealer other than the dealer from whom you originally purchased the applicable Product.
- No HHT consumer should bear cost of warranty service or costs incurred while servicing warranty claims (i.e., travel, gas, or mileage) when the service is performed within the terms of this Warranty. Check with your dealer or distributor in advance for any costs to you when arranging a warranty call. Travel and shipping charges for parts are not covered by this Warranty.

WARRANTY EXCLUSIONS:

This Warranty does not cover the following:

- Changes in surface finishes as a result of normal use. As a heating appliance, some changes in color of interior and exterior surface finishes may occur. This is not a flaw and is not covered under the Warranty.
- Damage to printed, plated, or enameled surfaces caused by fingerprints, accidents, misuse, scratches, melted items or other external sources and residues left on the plated surfaces from the use of abrasive cleaners or polishes.
- Repair or replacement of parts that are subject to normal wear and tear during the Warranty Period are not covered. These parts include: paint, wood and pellet gaskets, firebricks, grates, flame guides, batteries and the discoloration of glass.
- Minor expansion, contraction, or movement of certain parts causing noise. These conditions are normal and complaints related to this noise are not covered by this Warranty.
- Damages resulting from: (1) failure to install, operate, or maintain the applicable Product in accordance with the installation instructions, operating instructions, and listing agent identification label furnished with the applicable Product; (2) failure to install the applicable Product in accordance with local building codes; (3) shipping or improper handling; (4) improper operation, abuse, misuse, continued operation with damaged, corroded or failed components, accident, or improperly/incorrectly performed repairs; (5) environmental conditions, inadequate ventilation, negative pressure, or drafting caused by tightly sealed constructions, insufficient make-up air supply, or handling devices such as exhaust fans or forced air furnaces or other such causes; (6) use of fuels other than those specified in the operation instructions; (7) installation or use of components not supplied with the applicable Product or any other components not expressly authorized and approved by HHT; (8) modification of the appliance not expressly authorized and approved by HHT in writing; and/or (9) interruptions or fluctuations of electrical power supply to the applicable Product.
- Non-HHT venting components, hearth connections or other accessories used in conjunction with the applicable Product.
- Any part of a pre-existing fireplace system in which an insert or a decorative gas applicable Product is installed.
- HHT's obligation under this Warranty does not extend to the Product's capability to heat the desired space. Information is provided to assist the consumer and the dealer in selecting the proper Product for the application. Consideration must be given to the Product location and configuration, environmental conditions, insulation and air tightness of the structure.

This warranty is void if:

- The applicable Product has been over-fired, operated in atmospheres contaminated by chlorine, fluorine, or other damaging chemicals. Over-firing can be identified by, but not limited to, warped plates or tubes, deformation/warping of interior cast iron structure or components, rust colored cast iron, bubbling, cracking and discoloration of steel or enamel finishes.
- The applicable Product is subjected to prolonged periods of dampness or condensation.
- There is any damage to the applicable Product due to water or weather damage which is the result of, but not limited to, improper chimney or venting installation.

LIMITATIONS OF REMEDIES AND LIABILITY:

- **EXCEPT TO THE EXTENT PROVIDED BY LAW, HHT MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. The owner's exclusive remedy and HHT's sole obligation under this Warranty or in contract, tort or otherwise, shall be limited to replacement of the Component Part(s), repair of the Component Part(s), or refund of the original purchase price of the applicable Product(s), as specified above; provided, however, that (i) if HHT is unable to provide replacement of the Component Part(s) and repair of the Component Part(s) is not commercially practicable or cannot be timely made, or (ii) the customer is willing to accept a refund of the purchase price of the applicable Product(s), HHT may discharge all such obligations by refunding the purchase price of the applicable Product. In no event will HHT be liable for any incidental or consequential damages caused by defects in the applicable Product. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from State to State. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE EXPRESSED WARRANTY SPECIFIED ABOVE FOR THE APPLICABLE PRODUCT. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.**

2 GENERAL INFORMATION

A. Appliance Certification

MODELS: **SF-SC43-BK, SF-SC55-BK, SF-SC78-BK**

LABORATORY: **CSA International and Underwriters Laboratories, Inc (UL)**

TYPE: **Electric Air-Heaters; Fixed and Location-Dedicated Electric Room Heaters**

STANDARD: **CSA C22.2 No 46-13; UL 2021 (4nd Edition)**

NOTICE: *This installation must conform with local codes.*

NOT INTENDED FOR USE AS A PRIMARY HEAT SOURCE. This appliance is tested and approved as either supplemental room heat or as a decorative appliance. It should not be factored as primary heat in residential heating calculations.

Note: The 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, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may 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:

- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

WARNING: This product can expose you to Di-(2-ethylhexyl) phthalate, which is known to the State of California to cause cancer and reproductive harm. For more information go to: www.P65Warnings.ca.gov.

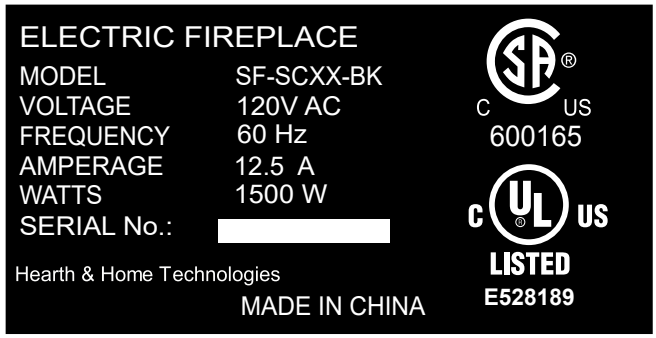
B. Unpacking and Inspecting Appliance

WARNING! DO NOT use this Electric Fireplace if any part has been under water. *Immediately call a qualified service technician to inspect and to replace any part of the electrical system if necessary. Keep plastic wrapping away from children.*

- Carefully remove the appliance and components from the packaging. Discard packaging.
- Carefully inspect components for any damage.
- Reference parts list to verify all parts have been received.
- Read all the instructions before starting the installation. Follow these instructions carefully during the installation to ensure maximum safety and benefit.

C. Model and Serial Number Information

The model and serial number information is located on the rating plate. The rating plate is located behind the glass on the top interior surface of the viewing area.



Homeowner Reference Information

We recommend that you record the following pertinent information about your fireplace.

Model Name: _____ Date purchased/installed: _____

Serial Number: _____ Location of fireplace: _____

Dealership purchased from: _____ Dealer Phone: _____

Notes: _____

3 GETTING STARTED

A. Parts and Hardware

Parts and Hardware List	
Part	Quantity
Appliance	1
Instruction Manual	1
Remote Control	1
AAA Battery	2
Small Crystal Stones - Clear	1
Large Crystal Stones - Clear	1
Finishing Embers Black	1
Log set (12 per set) - SF-SC43-BK	1
Log set (14 per set) - SF-SC55-BK	1
Log set (19 per set) - SF-SC78-BK	1
Mounting Brackets (shipped on appliance)	4
Trim Ring / Front Assembly	1

C. Tools and Supplies Needed

Before beginning the installation be sure that the following tools and building supplies are available.

Tape measure

Gloves

Level

Square

Magnetic screwdriver, or electric screw gun with Phillips bit

Safety glasses

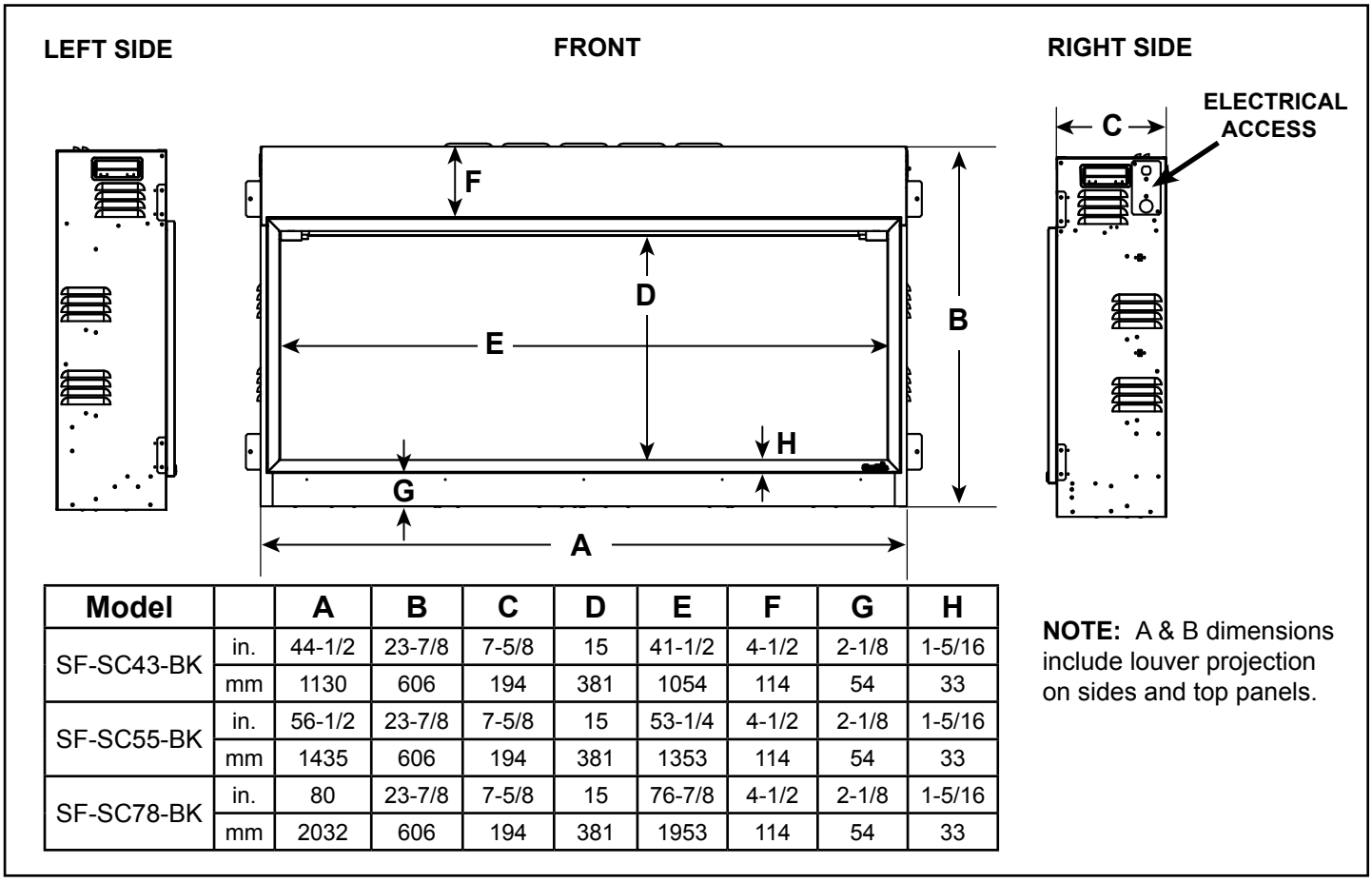
Drill

Type NM-B Wire Strain Relief

Flat blade screwdriver, size 3/32 slotted tip or equivalent, for activating wire terminal block

Four (4) #8 construction screws

B. Appliance Dimensions



Model		A	B	C	D	E	F	G	H
SF-SC43-BK	in.	44-1/2	23-7/8	7-5/8	15	41-1/2	4-1/2	2-1/8	1-5/16
	mm	1130	606	194	381	1054	114	54	33
SF-SC55-BK	in.	56-1/2	23-7/8	7-5/8	15	53-1/4	4-1/2	2-1/8	1-5/16
	mm	1435	606	194	381	1353	114	54	33
SF-SC78-BK	in.	80	23-7/8	7-5/8	15	76-7/8	4-1/2	2-1/8	1-5/16
	mm	2032	606	194	381	1953	114	54	33

NOTE: A & B dimensions include louver projection on sides and top panels.

Figure 3.1 Appliance Dimensions

D. Location

Note: If this unit is installed in a bathroom, it must be protected by GFI receptacle or circuit. If receptacle is used it must be readily accessible. This electrical appliance is not water tight. To prevent electrical shock, it must be installed as to prevent water from entering unit. It must be installed away from showers, tubs, or other water sources. Never locate the appliance where it may fall into a bathtub or other water container.

When choosing a location for your fireplace ensure that the following general rules are followed:

- For best results, install out of direct sunlight.
- Power supply service must be installed within proximity of electric fireplace prior to finishing to avoid reconstruction.
- See Figure 3.2 to determine location of appliance installation.

E. Clearance to Combustibles

See Section 4.A for framing dimensions.

Minimum Clearance to Combustible Construction

Sides.....0 in.
Floor.....0 in.
Top.....0 in.
Back.....0 in.
Front..... 36 in.
Mantel.....0 in.
Mantel Depth.....Unlimited.

See Figure 3.2.

WARNING! Risk of Fire! *Keep electrical cords, drapery, furnishings or other combustibles at least 3 ft. (0.9 m) from the front of the electric fireplace, and away from the sides or rear.*

F. Electrical Supply Circuit Requirements

Plan the location of the appliance so that it will have adequate electric power. A minimum 15 AMP, 120V/60Hz circuit is required. Additional appliances on the same circuit as this appliance may exceed the current rating of that circuit. A dedicated circuit is not required, but is preferred to prevent circuit breaker trips or fuse failure.

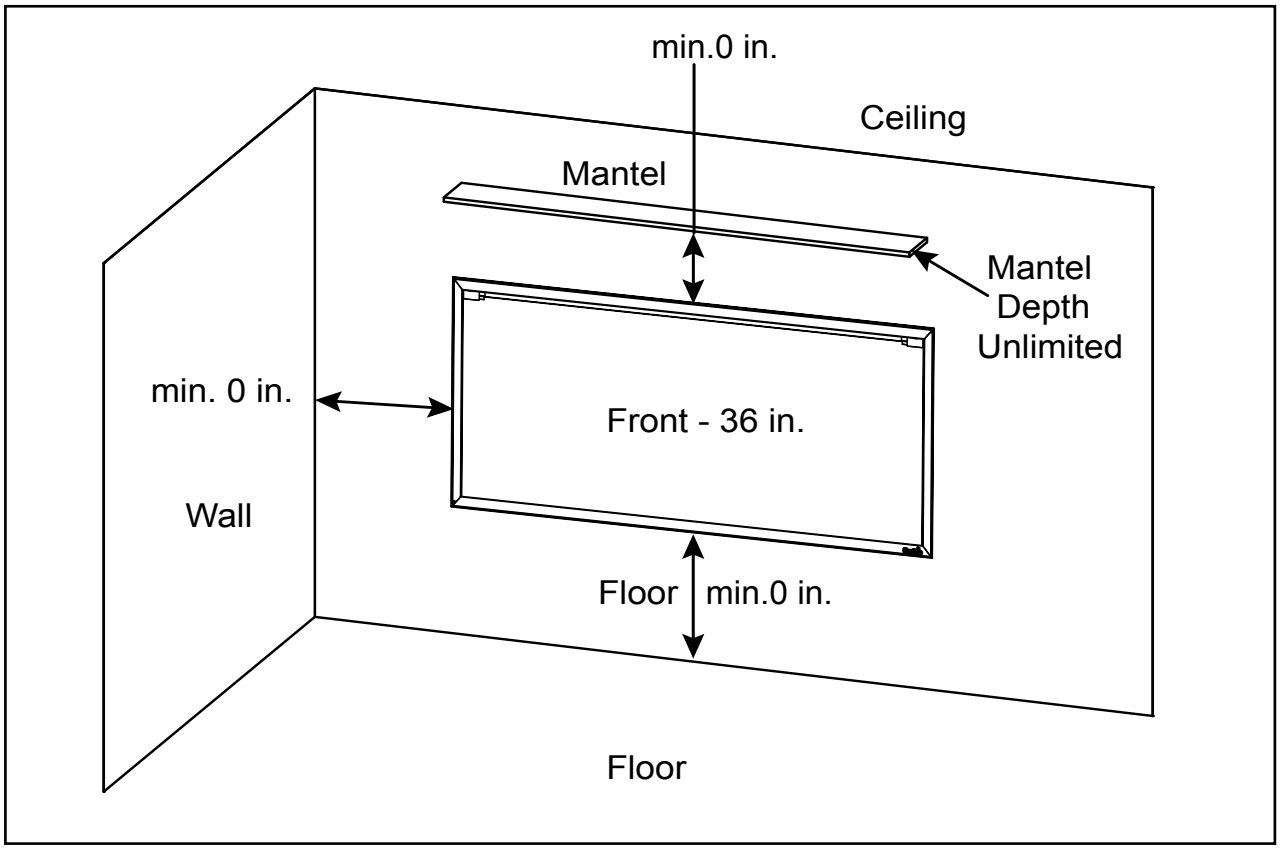


Figure 3.2 Location and Clearances Requirements

4 INSTALLATION

WARNING! Risk of Personal Injury or Property Damage! *Failure to install the appliance as instructed below may result in damage to the equipment and or may expose the user to the risk of fire, serious injury, illness or death.*

NOTICE: These instructions are not substitutes for the requirements of local building codes.

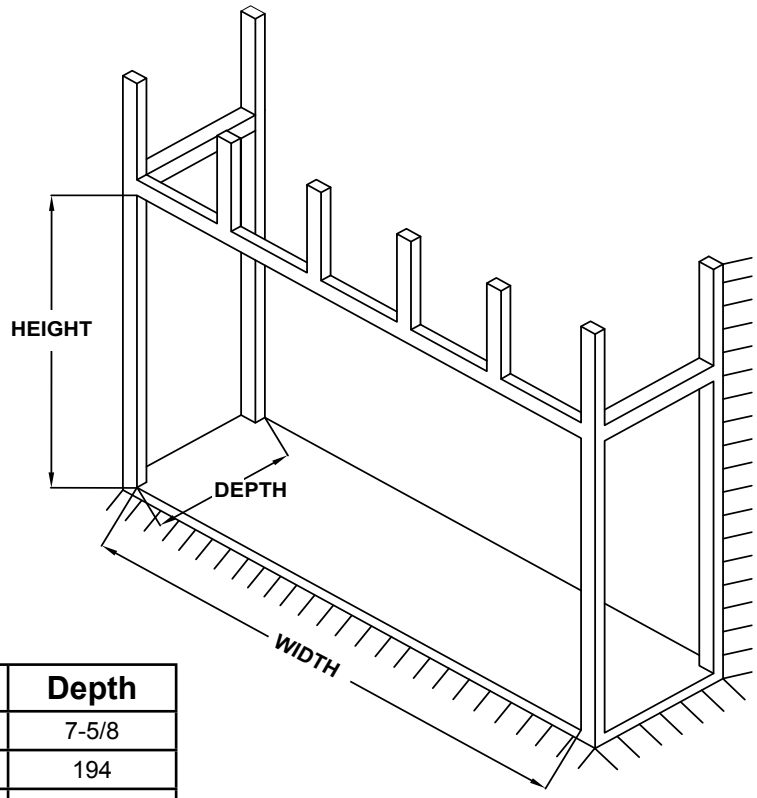
The appliance is designed to be built into the wall. Standard framing is required, see Section 4.A.

When installed in a recessed opening on an exterior wall in cooler climates, a chase may be required by local building codes to accommodate insulation. The chase should be constructed in a manner of all outside walls of the home to prevent cold air drafting problems. The chase should not break the outside building envelop in any manner. Walls, ceiling, baseplate, and cantilever floor of the chase should be insulated. Vapor and air infiltration barriers should be installed in the chase as per regional codes for the rest of the home. Additionally, in regions where cold air infiltration may be an issue, the inside surfaces may be drywalled and taped (or equivalent method may be used) to achieve maximum air tightness.

NOTICE: Insulation and other loose materials must be secured to maintain the air clearance between the appliance and interior envelope of the wall opening. This will ensure that the appliance can circulate air to its room temperature sensor for maximum performance of the Thermostat function.

A. Framing Dimensions

Note: Framing dimensions need to be adjusted for thickness of chase interior wall sheathing, if applicable.



Model		Height	Width	Depth
SF-SC43-BK	in.	24-1/4	45	7-5/8
	mm	616	1143	194
SF-SC55-BK	in.	24-1/4	57	7-5/8
	mm	616	1448	194
SF-SC78-BK	in.	24-1/4	80-1/2	7-5/8
	mm	616	2045	194

Note: Dimensions include louver projections on side and top panels.

Figure 4.1 Framing Dimensions

B. Installation into Construction Framing

1. Fold out the four mounting brackets. See Figure 4.2.
2. Connect to electrical service. Reference Section 4.C.
3. Install the appliance into the opening reference Figure 4.3. Ensure that weight of appliance is fully supported by floor or bottom framing member. Level with shims if necessary. Ensure that it is centered left to right, then fasten it directly to the framing with four (4) #8 construction screws, one through each of the four (4) mounting brackets. Screws are not included.

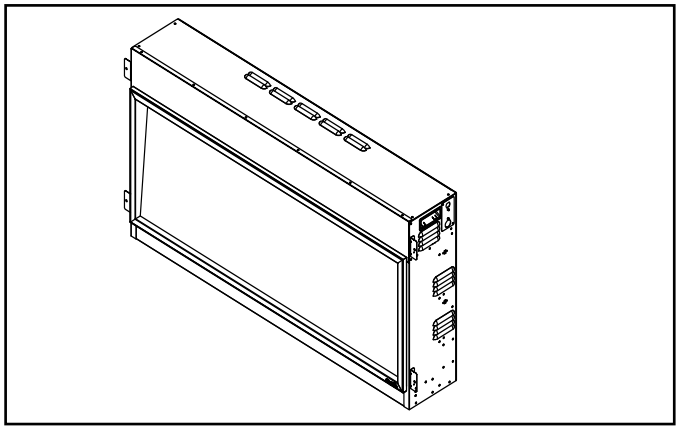


Figure 4.2 Mounting Brackets

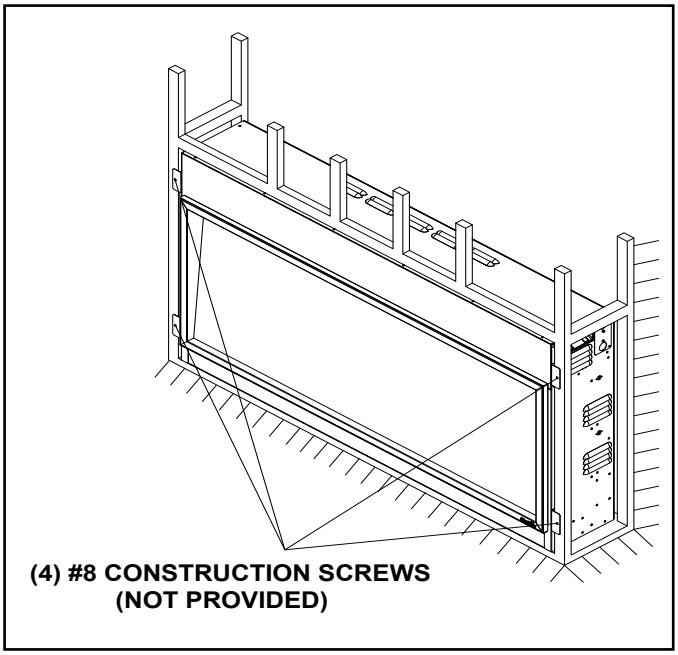


Figure 4.3 Install Appliance

C. Electrical Connection / Installation

Note: All wiring must be completed prior to finishing the unit.

All electrical connections shall be performed by a qualified electrician.

WARNING! Risk of Fire, Electrical Shock and Injury! *Electrical wiring must comply with local building codes and other applicable regulations.*

WARNING! Risk of Shock! *Label all wires prior to disconnection when servicing the appliance. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.*

Note: The appliance must be connected and grounded in accordance with local codes and / or the current ANSI/NFPA 70 National Electric Code or CSA C22.1 Canadian Electrical Code.

This appliance has been designed to be hard-wired for 120V.

A minimum 15 AMP, 120V/60Hz circuit is required. Additional appliances on the same circuit as this appliance may exceed the current rating of that circuit. A dedicated circuit is not required, but is preferred to prevent circuit breaker trips or fuse failure.

Installation:

1. Remove terminal block cover plate located on the right end of the appliance. Keep screws for reassembly.
2. Install a wire strain relief bushing into the cover plate.
3. Terminate type NM-B wire to the terminal block, ensure connections are secure, and tighten the strain relief. Use 3/32 slotted head screwdriver, or equivalent, to depress the spring-loaded terminals for the conductors.
4. Replace terminal block cover plate and retaining screws.

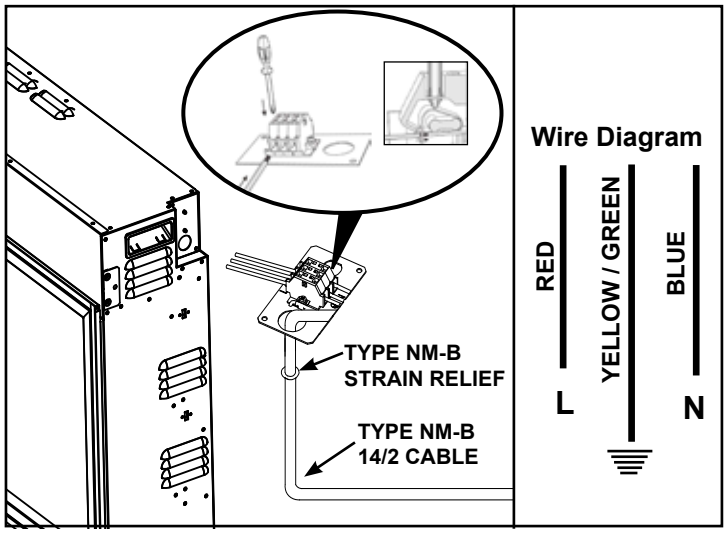


Figure 4.4 Electrical Connection / Installation

D. Finishing

This appliance installation can be finished in two optional configurations:

- Overlap fit with Front / Trim Ring. See Figure 4.7.
- Inside fit with Front and without Trim Ring. See Figure 4.8.

Overlap Fit with Trim Ring

This configuration is recommended when the wall is finished with ½ in. thick gypsum wallboard, or other facing material(s) not exceeding 9/16 in. thickness beyond the wall framing. The wallboard or facing material is finished up to the finishing stops on the face of the appliance. The Trim Ring will be installed on the Front, so that it overlaps the edges of the wall board or facing material.

1. Remove the Trim Ring/Front Assembly by pulling evenly to remove it from the appliance. Set the Trim Ring/Front Assembly aside in a clean and secure location.
2. Apply a protective masking over the outer glass panel to shield it from construction debris, drywall debris, paint, mortar, etc. The unit ships with a corrugated protective splatter guard that can be used for this purpose. The glass can also be protected by carefully wrapping it in the plastic bag that contained the appliance in its packaging.
3. If finishing with painted drywall, install ½ in. thick gypsum wallboard so that it mates with the finishing stops around the appliance opening. See Figure 4.5.
4. If finishing with another desired facing material up to 9/16 in. total thickness, install the material so it mates with the finishing stops around the appliance opening. See Figure 4.5.
5. Complete finishing of the wall, including any priming, painting, grouting, etc. Remove the protective masking that was covering the glass panel during finishing.

   NOTICE: To minimize possible dust contamination of the appliance interior, always use effective dust collection on wall finishing tools, such as rotary cutting spiral saws or sanders.
6. Test fit the Trim Ring/Front Assembly to the appliance opening. It should securely latch to the appliance at all magnets located at each corner and perimeter of the frame. There should be approximately 1/16 in. clearance between the front and the glass.
7. If necessary, adjust Trim Ring out in the Front to allow for additional clearance for the wall finishing thickness. Make the adjustment by loosening the screws, adjusting, the tightening the screws. See Figure 4.6.
8. After finishing any necessary adjustments, fit the Trim Ring/Front Assembly into the appliance opening. Verify that all magnets securely latch to the appliance. There should be approximately 1/16 in. clearance between the front and the glass.
9. The 1/2 in. Trim Ring will overlap the finishing stops by 1/4 in. See Figure 4.5 and 4.7.

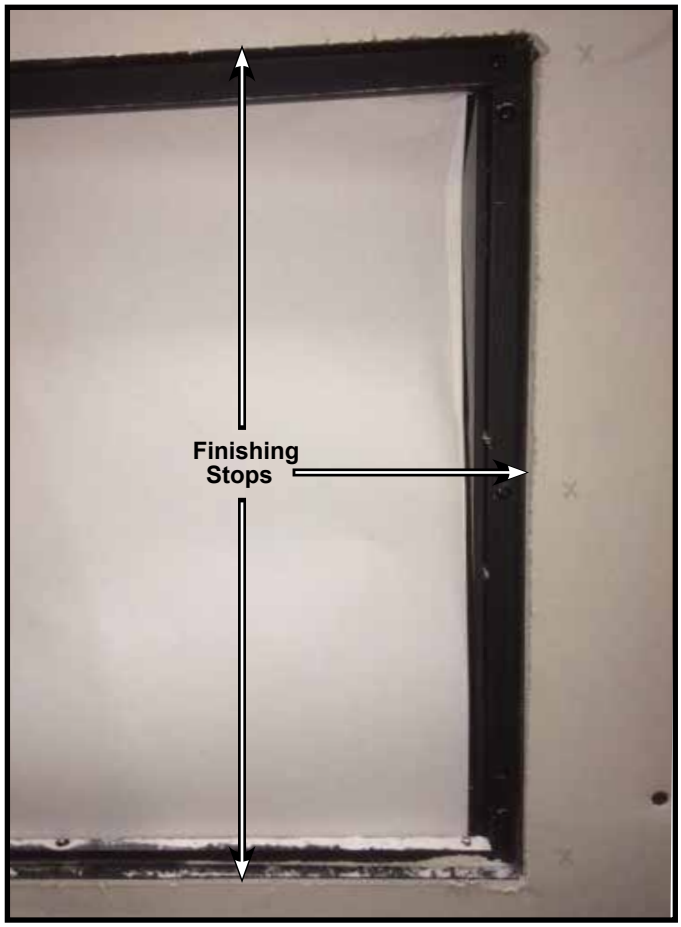


Figure 4.5 Wall Finishing Stop Locations and Dimensions

Finishing Stop Dimension		
	Height	**Width**
SF-SC43-BK	17-1/8 in.	43-5/8
	435 mm	1108
SF-SC55-BK	17-1/8 in.	55-3/8
	435 mm	1407
SF-SC78-BK	17-1/8 in.	79
	435 mm	2007

Inside Fit without Trim Ring

This configuration is recommended when it is desired for a finished appearance without the Trim Ring. This configuration is not recommended when the wall is to be finished with painted drywall. This configuration is recommended for installations finished with decorative mantels or alcoves, marble, stone, or some thicker tile products. The Trim Ring is removed from the Front, the Front is installed into the appliance, and the decorative facing material is finished up to the outer perimeter of the Front.

1. Remove the Trim Ring/Front Assembly by pulling evenly to remove it from the appliance.
2. Remove the Trim Ring from the Front. Remove the screws that attach the two parts. See Figure 4.6. Carefully disengage the Trim Ring and remove it from the area.
3. Apply a protective masking over the outer glass panel to shield it from construction debris, drywall debris, paint, mortar, etc. The unit ships with a corrugated protective splatter guard that can be used for this purpose. The glass can also be protected by carefully wrapping it in the plastic bag that contained the appliance in its packaging.

   NOTICE: To minimize possible dust contamination of the appliance interior, always use effective dust collection on wall finishing tools, such as rotary cutting spiral saws or sanders.
4. Complete finishing of the wall around the appliance. Decorative facing materials can be installed up to the finishing stops. See Figure 4.5. There is no limitation to thickness of facing materials.

   NOTICE: Do not allow wall facing materials to go beyond finishing stops. Facing materials should be installed so that the Front can be removed for possible service during the product design life.
5. Once the wall finishing project is complete, remove the protective masking from the outer glass panel.
6. The Front should fit inside the finished perimeter of the recessed opening and securely latch to the appliance. There should be approximately 1/16 in. clearance between the edge of the Front and the outer glass panel. See Figure 4.8.

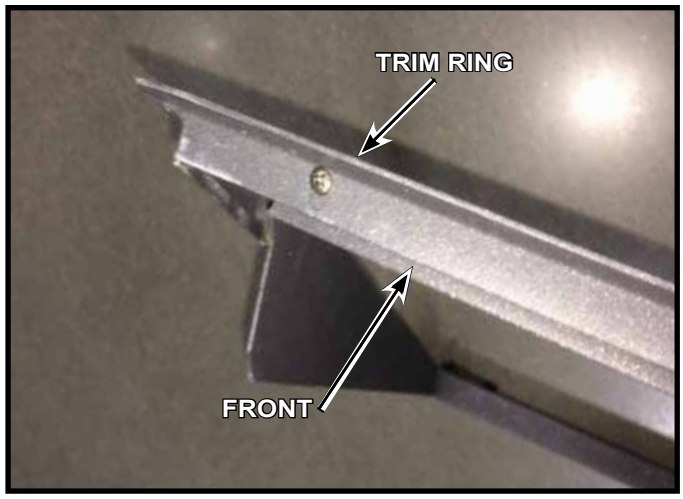


Figure 4.6 Trim Ring Depth Adjustment



Figure 4.7 Front / Trim Ring Installed to Overlap Wall



Figure 4.8 Front (without Trim Ring) Finished Inside Fit

E. Appliance Final Setup

Glass Removal:

Remove the two (2) ST5X8 thumb screws and retaining brackets. See Figure 4.12. Carefully remove glass panel. Set glass aside by placing one edge on a soft surface.

Media Placement:

Note: There are no specific requirements for media installation. Crystal and log media are included, but not required. The placement instructions provided are the most popular configurations to display the included media.

Clear Crystal Media Placement:

Carefully spread the small clear crystals across the ember bed. Then evenly arrange the large crystals on top of or within the small crystal media. See Figure 4.9.



Figure 4.9 Media Installation

Log Media Placement:

1. Evenly spread the black embers and clear small crystals across the ember bed. The black embers provide a more realistic ember look with the logs. Clear crystals can be mixed in if desired. Adjustments can be made for your individual preference.
2. Place the smaller logs evenly spaced on the ember bed as shown in Figure 4.10.



Figure 4.10 Media and Small Logs Installation

3. Arrange the larger logs so that one end rests on top of a smaller log. Refer to Figure 4.11 as an example.



Figure 4.11 Larger Log Installation

Glass Installation:

1. Thread the two (2) ST5X8 thumb screws into the threaded holes on the glass panel. Check the alignment of the glass panel and securely tighten the screws. See Figure 4.12.

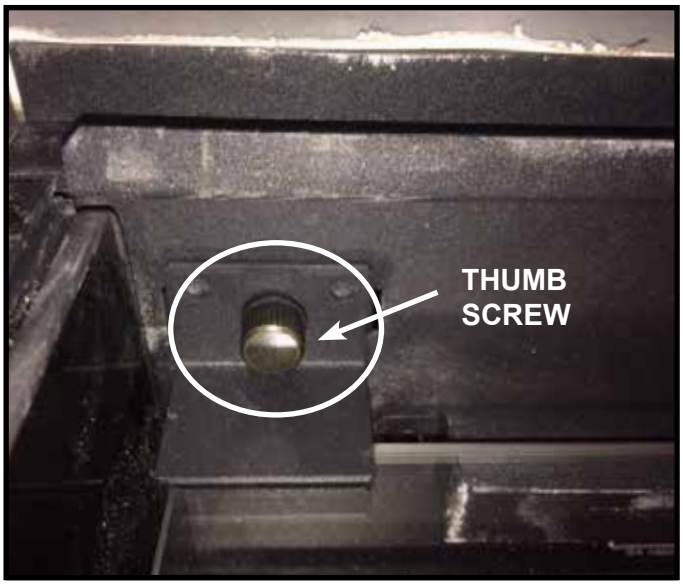


Figure 4.12 Glass Removal and Installation

Front Installation:

Install the Front into the opening of the appliance. Press along the perimeter to ensure that all attaching magnets make full contact with the appliance. See Figure 4.13.



Figure 4.13 Front Installation

5 OPERATING INSTRUCTIONS

WARNING! Risk of Fire, Electrical Shock, and Injury! *Do not operate the unit if it is damaged or has malfunctioned. If you suspect the unit is damaged, call a qualified service technician to inspect and replace any part of the electrical system if necessary.*

A. Manual Switch Function

The appliance can be operated by both remote control and manual button located on appliance. Once the circuit breaker is switched ON, the main power switch can be switched to the 'ON' position. A beep should be heard when the power is first applied. See Figure 5.1.

Power Button

The Power button turns the power of the appliance 'ON or OFF'.

Flame Button

By pressing the FLAME button, the unit will cycle through four flame effects.

Heater Button

The HEATER button provides three heater functions. Press once and the heater will function on LOW. Press again and the heater will function on HIGH. Press again and the heater will turn OFF. There is an eight second delay for the heater to switch ON and OFF.

Fuel Bed Button

The Ember Bed LED light button will turn on the LED lights and cycle through 14 color themes (13 colors and a color rotating option).

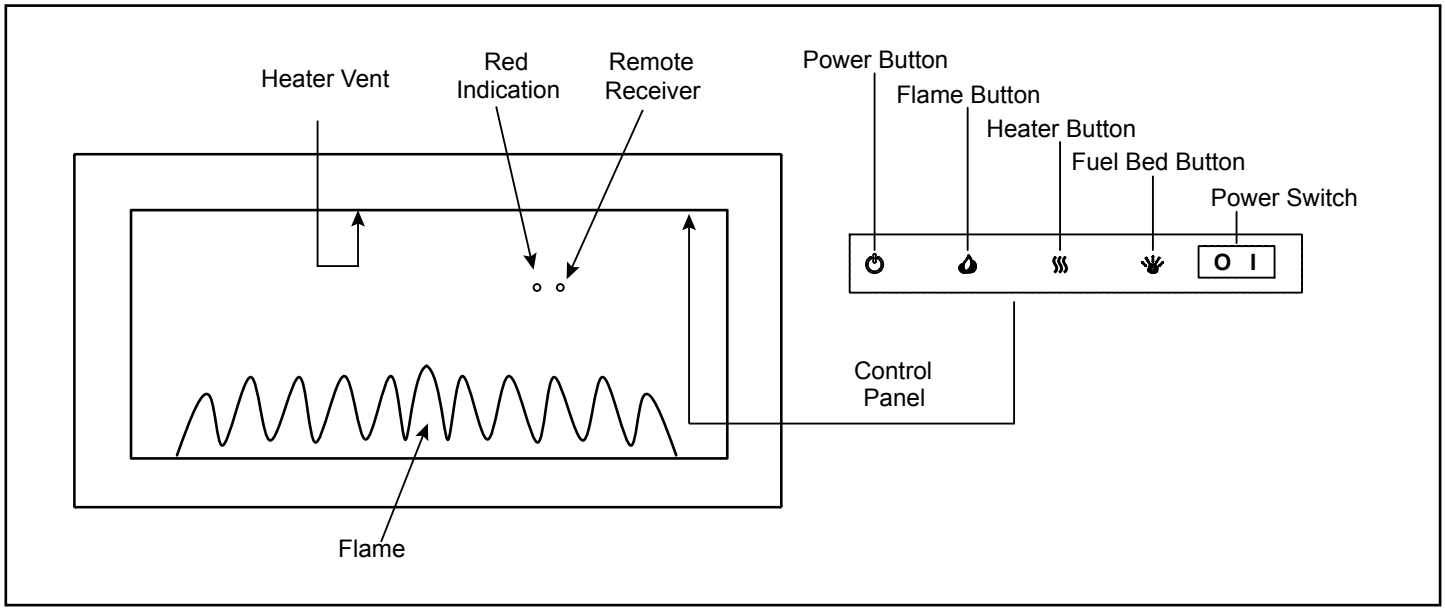


Figure 5.1 Manual Operating Switches and Indicator Lights

B. Operating by Remote Control

- The appliance Main Power Switch must be in the “ON” position for the remote control to function.
- Make sure batteries are properly installed in Remote Control.
  - Battery requirements 2 x AAA batteries (included).
- The effective range of the remote is up to 16 ft.
- The remote control must be within the 16 ft. range and also be pointed directly at the face of the appliance. For best results, point the remote control toward the remote receiver location. See Figure 5.1.



ICON	TITLE	FUNCTION	REMOTE LCD DISPLAY	FIREPLACE RESPONSE
	POWER	The POWER button will turn the fireplace on. It will also put the fireplace in a standby mode. This will turn off all functions at once but will hold the settings in memory except Timer function. The unit will turn on at the same settings by pressing the power button again.	LCD illuminates and displays flame status Icon and temperature set point.	Fireplace emits single audible beep to confirm command to transition to ON or STANDBY state.
	FLAME	By pressing the FLAME button, the unit will cycle through four flame effects.	LCD illuminates and displays flame status icon.	Fireplace emits single audible beep to confirm command to transition between four FLAME states.
	HEATER	Press Heater button once, heater turns on LOW. Press Heater button twice, heater turns on HIGH. Press Heater button three times, heater turns off.	LCD illuminates and displays heater status icon.	Fireplace emits single audible beep to confirm command to transition between HEATER states. Fireplace displays one red LED for 10 seconds to confirm low heater command. Fireplace displays two red LED for eight (10) seconds to confirm high heater command.
	THERMOSTAT	Pressing the Temperature button adjusts the heaters response to the ambient temperature conditions in the room. Temperature adjusts from 16 °C - 28 °C (60 °F - 84 °F). Power button must be on to set °C to °F. Hold for 3 seconds and the LCD display from °C to °F.	Remote displays the temperature. If in Stand-by mode, temperature displays but cannot be adjusted. The thermostat function only works when heater is ON	Fireplace emits single audible beep to confirm command to change desired temperature set point.
	TIMER	Pressing the Timer button sets the time desired for the fireplace to run. The Timer can be set from .5 hour up to nine (9) hours in one (1) hour increments.	Remote will display the time setting selected. If in Stand-by mode time will display but cannot be adjusted.	
	FUEL BED	Pressing the Light button changes the ember bed colors (14 color themes available - 13 colors and a color rotating option), and turns it on/off.	No indicator.	

C. Room Temperature and Thermostat Function

The temperature display on the remote control is a set point for the desired temperature of the room in which the appliance is installed. The Thermostat button on the remote can be used to set the desired room temperature. The heater will only operate if the remote control temperature set point is higher than the actual room temperature. The heater will not operate if the actual temperature is greater than the remote control temperature set point.

This function can also be used as a thermostat, under the following conditions:

- When the remote control display is set to a desired room temperature using the thermostat button, the appliance heater will turn OFF automatically when the room temperature reaches the set point.

- The heater will turn ON automatically if the room temperature falls below the set point.

Note: The actual room temperature is measured by a hidden sensor located behind the glass front of the appliance. During certain situations, this sensor temperature can be slightly different than either the remote control location, or the overall space being heated. For this reason, the remote control set point temperature may need to be set slightly higher or lower than expected room temperature for the heater function to work as desired.

D. Resetting Temperature Cutoff Switch

The heater is protected with a safety device to prevent overheating. Should the heater overheat, an automatic cutoff will turn the heater OFF. It will not turn ON automatically without being reset. If it overheats for any reason, it can be reset by:

1. Turn appliance to OFF.
2. Shut-off power at the circuit breaker.
3. Wait 30 minutes.
4. Turn on power at the circuit breaker.
5. Turn on appliance with manual switch or remote control.

CAUTION: *If appliance overheats repeatedly, discontinue use and call customer / technical support.*

CAUTION: *If you need to continuously reset the heater, contact your dealer for service.*

6 MAINTENANCE

A. Maintenance

WARNING! Risk of Shock! *Always remove power before moving or servicing. Do not immerse appliance in water.*

- Before cleaning or servicing, always turn off appliance and remove power, by either unplugging from the wall outlet or shutting off circuit breaker.
- Light accumulated dust may be removed from the appliance exterior with a soft cloth or vacuum cleaner.
- Wipe the exterior surfaces of the appliance occasionally with a slightly damp micro fiber cloth using a solution of mild detergent and water. Dry thoroughly before operating the appliance.

CAUTION! *Do not allow water to run into the interior of the appliance as this could create a fire or electric shock. Always remove power before moving or servicing.*

- The fan motor is factory lubricated for life and will not require further lubrication.
- Store appliance in a clean dry place when not in use.

WARNING! Risk of Fire! *To reduce risk of fire, do not store or use gasoline or any other flammable vapors or liquids in the vicinity of the appliance.*

WARNING! Risk of Electrical Shock! *Any other servicing needed must be performed by an authorized service technician. Do not attempt to service the unit yourself.*

B. Cleaning

Glass

Dust particles can be removed by buffing lightly with a clean dry cloth. Fingerprints and other marks can be cleaned with a cloth dampened with a quality household glass cleaner. The glass should be completely dried with a lint free cloth or paper towel. Do not use abrasive cleaners on glass surface. Do not spray liquids directly onto any surface.

Metal Surface

Dust particles can be removed by buffing lightly with a clean dry cloth. A damp cloth can be used to clean painted surfaces. Do not use abrasive cleaners or chemical household cleaners. Do not spray liquids directly on to any surface.

Vents

Use a vacuum cleaner to remove dirt and dust from heater and vent areas.

C. Servicing

Except for cleaning, an authorized service technician should perform any other service.

WARNING! Risk of Electrical Shock! *Do Not Open! No user serviceable parts inside. Always turn heater off and disconnect power before performing maintenance, service, or removal from the framed wall opening.*

D. SimpliFire Troubleshooting Guide

Symptom	Possible Cause	Corrective Action
Circuit breaker trips or fuse blows when unit is turned on	Exceeding current rating of the circuit breaker or fuse, perhaps from operating other appliances on the same circuit as the fireplace	Install unit onto a dedicated 15 amp circuit.
Lights in room dim while the unit is on	Unit is drawing close to circuit current rating	Install unit onto a dedicated 15 amp circuit.
Fireplace will not come on when using the manual controls on the unit	Appliance is not plugged into an electrical outlet	Ensure plug is connected to a working outlet.
	Hard-wire connections not correct (if applicable)	Review wiring instructions to ensure correct connection.
	No incoming power from the electrical outlet or electrical box	Check fuse/breaker panel.
	Defect in control board (PCB)	Replace the control board (PCB).
Remote control does not work	Low/dead batteries	Replace batteries in the remote.
	Remote receiver is blocked, or remote is not pointed directly at the receiver.	Ensure receiver is not blocked. Move closer to the appliance.
	Appliance power switch is in the off "O" position (if equipped)	Turn the power switch on, to the "I" position (if equipped).
	Control board (PCB) malfunction	Replace control board (PCB).
Heater will not turn on, but flame is functioning	Remote is in thermostat mode and room temperature (temperature at appliance thermistor) is higher than the set point on the remote	Increase thermostat set point on the remote, or exit thermostat mode (press the thermostat button until no temperature set point is displayed on the remote). See "Room Temperature and Thermostat Function" section of the manual.
	Appliance has overheated and safety thermal switch has tripped	Unplug or turn off power at circuit breaker and allow it to cool for 15 minutes. Then plug in the unit or turn power back on at circuit breaker and turn unit back on.
	Defective main control board	Replace control board (PCB).
	Defective heater assembly	Replace heater assembly.
Heater shuts off automatically or won't stay on	Room temperature (temperature at the appliance thermistor) is higher than the set point on the remote	Increase thermostat set point on the remote, or exit thermostat mode (toggle the thermostat button until no temperature set point is displayed on the remote). See "Room Temperature and Thermostat Function" section of the manual.
	Appliance has overheated and safety thermal switch has tripped	Unplug or turn off power at circuit breaker and allow it to cool for 15 minutes. Then plug in the unit or turn power back on at circuit breaker and turn unit back on.
Heater emits an odor	Normal operation	It is normal for the heater to emit an odor for a brief amount of time after turning on. It is burning off dust that has accumulated on the heater.
Flame does not move at all	Flame rotisserie motor is stalled or malfunctioning	Cycle unit on or off. If problem persists inspect rotisserie and motor for blockage or interference. If no interference, replace the control board (PCB) and rotisserie motor.
Flame shudder	Flame rotisserie contacting other internal components when spinning	Ensure rod is straight and mounted properly and is spinning freely without spindles hitting other components.
	Defective flame rotisserie motor	Replace rotisserie motor.
Ember bed does not light up	Ember bed is turned off	Refer to operation section of the user manual.
	Loose wiring	Check wiring to ember bed LEDs.
	Defective control board (PCB)	Replace control board (PCB).
	Defective LED lights	Replace ember bed LED lights.

SimpliFire Troubleshooting Guide (continued)

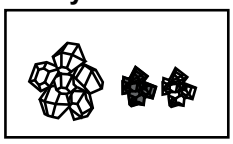
Symptom	Possible Cause	Corrective Action
Fireplace turns on by itself	Defective control board (PCB)	Replace control board (PCB).
	Similar infrared signal from another remote causing unit to turn on (pre-2019 manufactured units only)	Some TV remotes may cause the fireplace to turn on for appliances manufactured before 2019. Replace control board (PCB).
Excessive noise with heater on	Interference with fan blade	Inspect heater assembly and fan for obstructions or interference.
	Defective blower motor	Replace heater assembly.
Grinding or rubbing noise (when heater is off)	Rotisserie hitting or rubbing against internal components	Ensure rotisserie rod is straight and mounted properly and is spinning freely without spindles hitting other components. If sound is coming from friction with the rotisserie bracket, apply grease to contact point.

SF-SC43-BK

43" Scion Electric Fireplace

Beginning Manufacturing Date: Dec 2018
Ending Manufacturing Date: Active

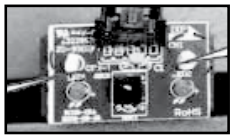
#1 Crystal Media



#2 Black Glass



#3 Receiver



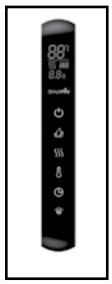
#4 Motor



#5 PCB Board



#6 Remote



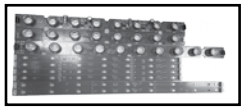
#7 Log Assembly



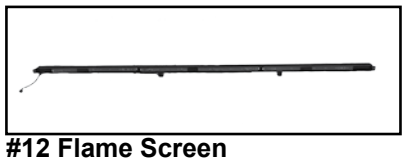
#8 Heater



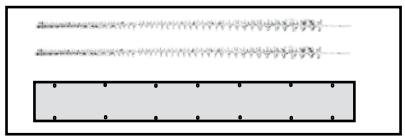
#9 LED



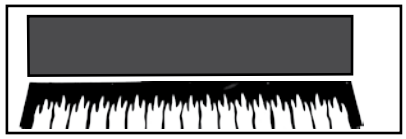
#10 Accent LED



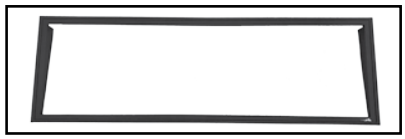
#11 Rotisserie



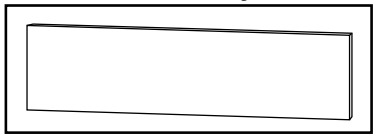
#12 Flame Screen



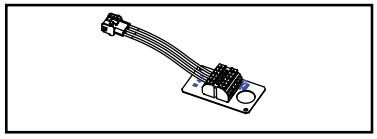
#13 Front



#14 Glass Assembly



#15 Junction Block



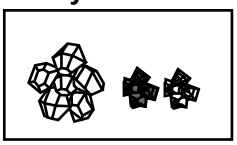
IMPORTANT: THIS IS DATED INFORMATION. Parts must be ordered from a dealer or distributor. **Hearth and Home Technologies does not sell directly to consumers**. Provide model number and serial number when requesting service parts from your dealer or distributor.



ITEM	DESCRIPTION	COMMENTS	PART NUMBER	Stocked at Depot
1	Crystal Media (Clear Small, Clear Large, & Black Small)		CRYSTAL-SCION	Y
2	Black Glass Embers		EMBER-SCION	Y
3	Remote Receiver		RECEIV-ALLUS-E	Y
4	Allusion Motor		MOTOR-ALLUS	Y
5	PCB Board Assembly		PCB-SCION	Y
6	Remote		REMOT-ELECT-ALL	Y
7	Log Assembly		LOGS-SCION	Y
8	Heater Assembly	Heater & Fan	HEATER-SCION	Y
9	LED Assembly	Emberbed & Flame(Accent LED Not Included)	LED-SC43	Y
10	Accent LED		ACCENT-SC43	Y
11	Rotisserie	Rods & Cover	ROTISS-SC43	Y
12	Flame Screen		FLAME-SC43	Y
13	Front		FRONT-SC43	Y
14	Glass		GLA-SC43	Y
15	Hardwire Junction Block Replacement		SF-JBLOCK	Y
	Reflective Panels	Qty 2 req	PANELS-SCION	Y
	Electric Hardware Pack (Glass Retaining Brackets and Thumb Screws)		HDWR-LINEAR	Y

7/23

#1 Crystal Media



#2 Black Glass



#3 Receiver



#4 Motor



#5 PCB Board



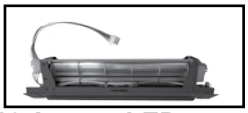
#6 Remote



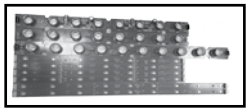
#7 Log Assembly



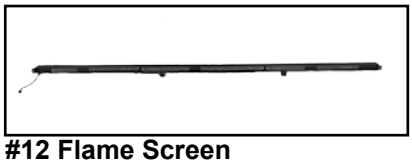
#8 Heater



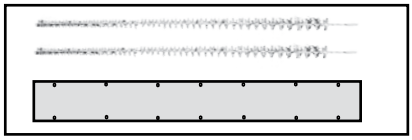
#9 LED



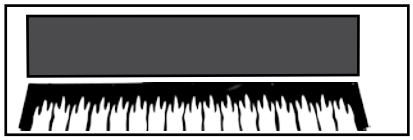
#10 Accent LED



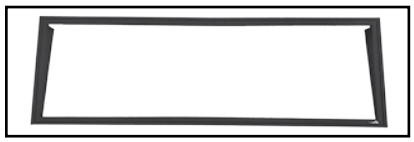
#11 Rotisserie



#12 Flame Screen



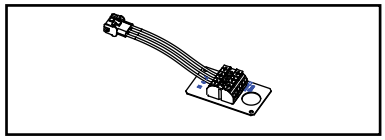
#13 Front



#14 Glass Assembly



#15 Junction Block



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5	PCB Board Assembly		PCB-SCION	Y
6	Remote		REMOT-ELECT-ALL	Y
7	Log Assembly		LOGS-SCION	Y
8	Heater Assembly	Heater & Fan	HEATER-SCION	Y
9	LED Assembly	Emberbed & Flame(Accent LED Not Included)	LED-SC55	Y
10	Accent LED		ACCENT-SC55	Y
11	Rotisserie	Rods & Cover	ROTISS-SC55	Y
12	Flame Screen		FLAME-SC55	Y
13	Front		FRONT-SC55	Y
14	Glass		GLA-SC55	Y
15	Hardwire Junction Block Replacement		SF-JBLOCK	Y
	Reflective Panels	Qty 2 req	PANELS-SCION	Y
	Electric Hardware Pack (Glass Retaining Brackets and Thumb Screws)		HDWR-LINEAR	Y

7/23

SimpliFire™ Fire Made Simple

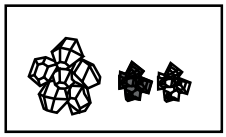
Service Parts

SF-SC78-BK

78” Scion Electric Fireplace

Beginning Manufacturing Date: Dec 2018
Ending Manufacturing Date: Active

#1 Crystal Media



#2 Black Glass



#3 Receiver



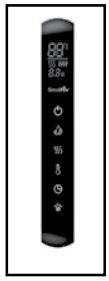
#4 Motor



#5 PCB Board



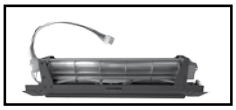
#6 Remote



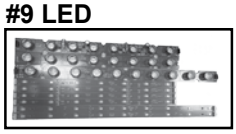
#7 Log Assembly



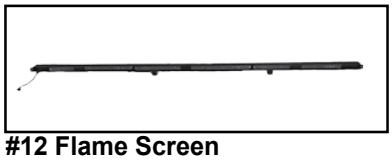
#8 Heater



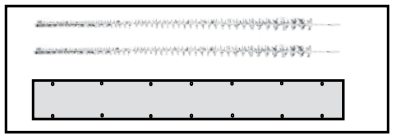
#9 LED



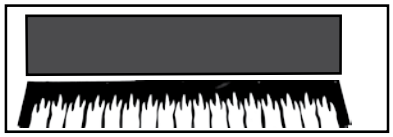
#10 Accent LED



#11 Rotisserie



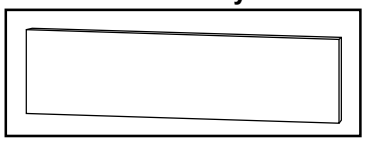
#12 Flame Screen



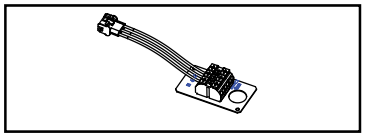
#13 Front



#14 Glass Assembly



#15 Junction Block



IMPORTANT: THIS IS DATED INFORMATION. Parts must be ordered from a dealer or distributor. **Hearth and Home Technologies does not sell directly to consumers**. Provide model number and serial number when requesting service parts from your dealer or distributor.



ITEM	DESCRIPTION	COMMENTS	PART NUMBER	Stocked at Depot
1	Crystal Media (Clear Small, Clear Large, & Black Small)		CRYSTAL-SCION	Y
2	Black Glass Embers		EMBER-SCION	Y
3	Remote Receiver		RECEIV-ALLUS-E	Y
4	Allusion Motor		MOTOR-ALLUS	Y
5	PCB Board Assembly		PCB-SCION	Y
6	Remote		REMOT-ELECT-ALL	Y
7	Log Assembly		LOGS-SCION	Y
8	Heater Assembly	Heater & Fan	HEATER-SCION	Y
9	LED Assembly	Emberbed & Flame(Accent LED Not Included)	LED-SC78	Y
10	Accent LED		ACCENT-SC78	Y
11	Rotisserie	Rods & Cover	ROTISS-SC78	Y
12	Flame Screen		FLAME-SC78	Y
13	Front		FRONT-SC78	Y
14	Glass		GLA-SC78	Y
15	Hardwire Junction Block Replacement		SF-JBLOCK	Y
	Reflective Panels	Qty 2 req	PANELS-SCION	Y
	Electric Hardware Pack (Glass Retaining Brackets and Thumb Screws)		HDWR-LINEAR	Y

7/23

F. Contact Information

SimpliFire, a brand of Hearth & Home Technologies
7571 215th Street West, Lakeville, MN 55044
www.hearthnhome.com

Please contact your SimpliFire dealer or customer / technical support
(877-320-0730) with any questions or concerns.
For the location of your nearest SimpliFire dealer,
please visit www.hearthnhome.com.

- NOTES -



NOTICE

DO NOT DISCARD THIS MANUAL

- Important operating and maintenance instructions included.
- Read, understand and follow these instructions for safe installation and operation.
- Leave this manual with party responsible for use and operation.



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