Amantii

ELECTRIC FIREPLACES

www.amantii.com

INSTALLATION AND OPERATION INSTRUCTIONS FOR

BI-DEEP UNITS

RATED FOR INDOOR OR OUTDOOR USE

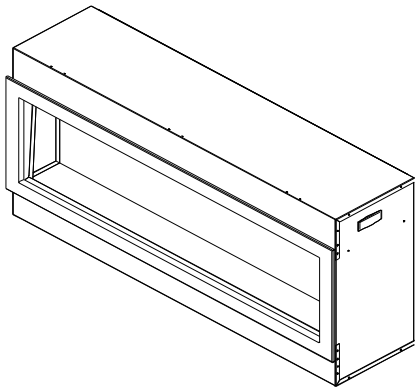
BI-40-DEEP

BI-50-DEEP

BI-60-DEEP

BI-72-DEEP

BI-88-DEEP



SAFETY INFORMATION

⚠ WARNING

If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

C SA® US

INSTALLER: LEAVE THIS MANUAL WITH THE APPLIANCE.

CONSUMER: RETAIN THIS MANUAL FOR FUTURE REFERENCE.

TABLE OF CONTENTS

Please read and carefully follow all of the instruction found in this manual. Please pay special attention to the safety instructions provided in this manual. The instructions included here will as sure that you have many years of dependable and enjoyable service from your Amantii product.

IMPORTANT INSTRUCTIONS....3
UNPACKING AND TESTING APPLIANCE....4
GROUNDING APPLIANCE....4
LOCATING THE FIREPLACE....4
SAFETY DRILL SCREW AREA....4
BI-40-DEEP....5
BI-50-DEEP....6
BI-60-DEEP....7
BI-72-DEEP....8
BI-88-DEEP....9
INSTALLATION....10
HARD- WIRE INSTALLATION....11
PANORAMA COVER INSTALLATION....12
Media Options....13
OPERATION....14
INSTALLING WALL THERMOSTAT....16
REPLACEMENT PARTS....17
EXPLODED VIEW....18
TROUBLE SHOOTING....19
SERVICE HISTORY....20
WRRRANTY....21

IMPORTANT INSTRUCTIONS

1. Read all instructions before installing or using this heater.
2. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet from the front of the heater; keep them away from sides and rear as well.
3. Do not operate the fireplace if it has a damaged cord or plug, after it has malfunctioned, or if the unit has been dropped or damaged in any way.
4. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never place the heater where it may fall into a bathtub or other water containers.
5. Do not run the cord under carpeting. Do not cover the cord with throw rugs, runners or anything else. Arrange the cord away from traffic areas where it could not be tripped over.
6. To disconnect the heater, turn the controls to "OFF" before removing the plug from the outlet.
7. Do not insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause an electric shock, fire or damage to the heater.
8. To prevent a possible fire, do not block air intakes in any manner.
9. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored.
10. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
11. Avoid the use of an extension cord because the extension cord may overheat and cause a fire.
12. Always use properly grounded fused and polarized outlets.
13. Always use ground fault protection where it is required by electrical codes.
14. Always disconnect the power before performing any cleaning, maintenance or relocation of the heater.
15. To prevent a possible fire, do not burn wood or other materials in this heater.
16. To prevent electric shock or fire, always use a certified electrician, should new circuits or outlets be required.
17. When transporting or storing the heater, keep it in a dry place, free from excessive vibration.

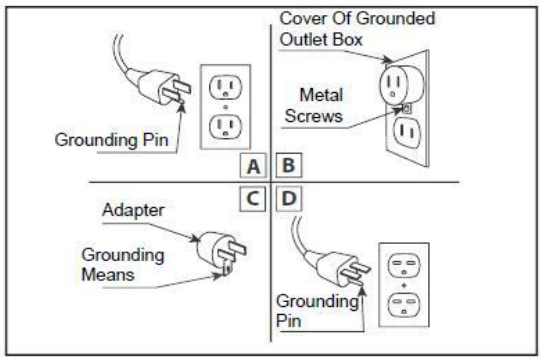
UNPACKING AND TESTING APPLIANCE

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 120 Volt grounded outlet.

GROUNDING APPLIANCE

This appliance is for use on 120 Volts. The cord has a plug as shown in (A). An adapter as shown in (C) is available for connecting three-blade grounding type plugs to two-slot receptacles. The green grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

To disconnect appliance, turn controls to off, then remove plug from outlet.



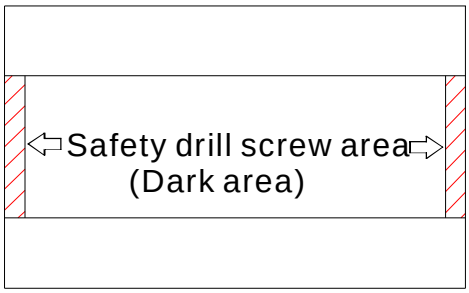
LOCATING THE FIREPLACE

Plan where to locate and frame the fireplace. This will save time and money later when you install the fireplace. Before installation consider the following:

1. Where the fireplace is located must allow for wall and ceiling clearances (see **INSTALLATION**)
2. Consider a location where the fireplace screen will not be exposed to direct sunlight from windows or doors.
3. A 15 ampere, 120 Volt, 60 Hz branch circuit with proper ground must be available at the location. Preferably a dedicated branch circuit should be provided to avoid circuit breakers to trip of fuses to blow.

SAFETY DRILL SCREW AREA

There is a safety drill screw area as show below.Please make sure that the fix screws are in this area.

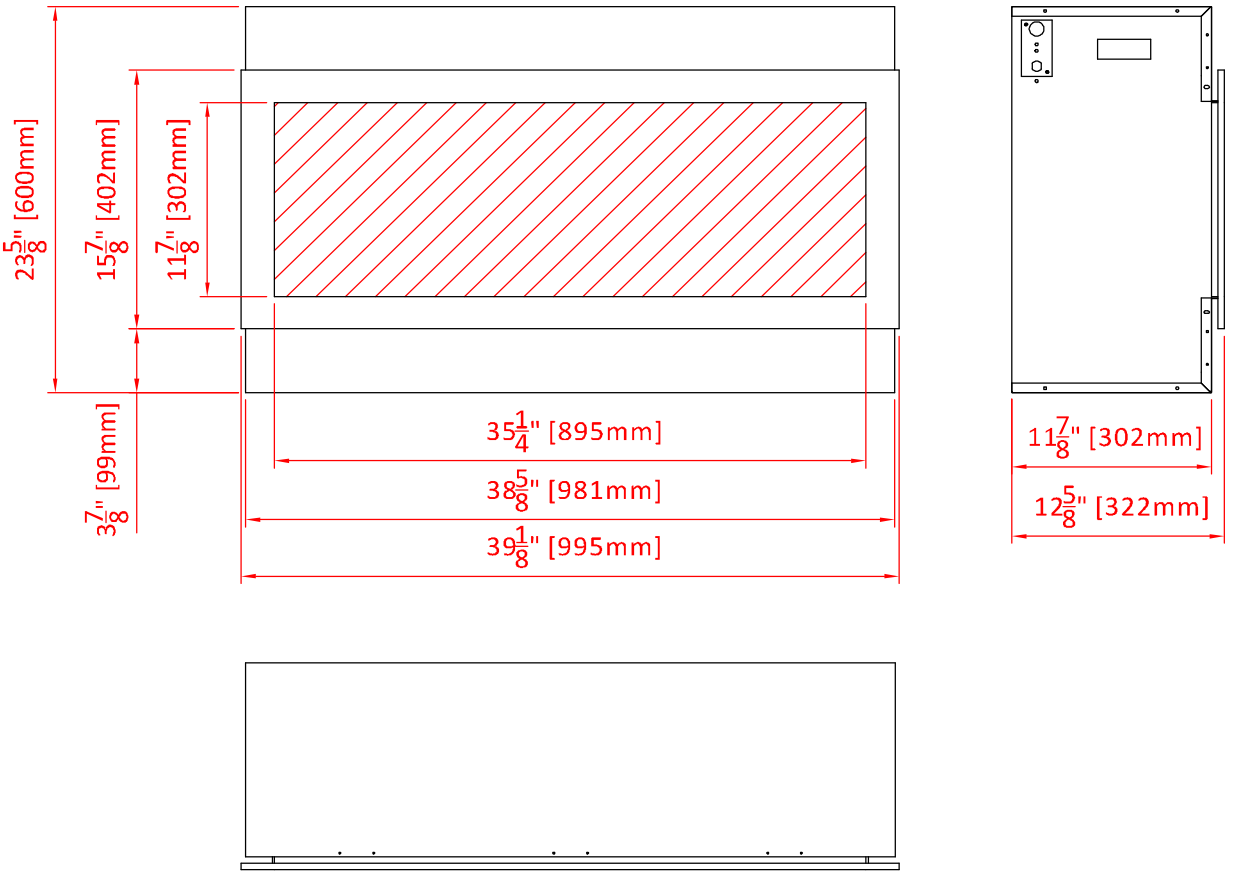


BI-40-DEEP

Description	Built-in Appliance
Voltage	120V AC 60Hz
Watts	1500W Max
NO HEATER	25W
MOTOR HEATER	19W
Appliance Width	38 5/8” or 98.1 cm
Appliance Height	23 5/8” or 60 cm
Appliance Depth	12 1/4” or 31.2 cm
Gross Weight	94.6lbs or 43kg
Plug Location	Left side
Cord Length	70 7/8” or 180 cm
Rough Wall Opening Size	40”× 24“ or 101.6 cm× 60 cm

This appliance has been tested in accordance with the UL Standard 2021 for fixed and location dedicated electric room appliances in the United States and Canada. If you need assistance during installation, please contact your local dealer.

NOTE: This appliance must be electrically wired and grounded in accordance with local codes. In the absence of local codes, us the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI/NFPA 70 National Electrical Code in the United States.

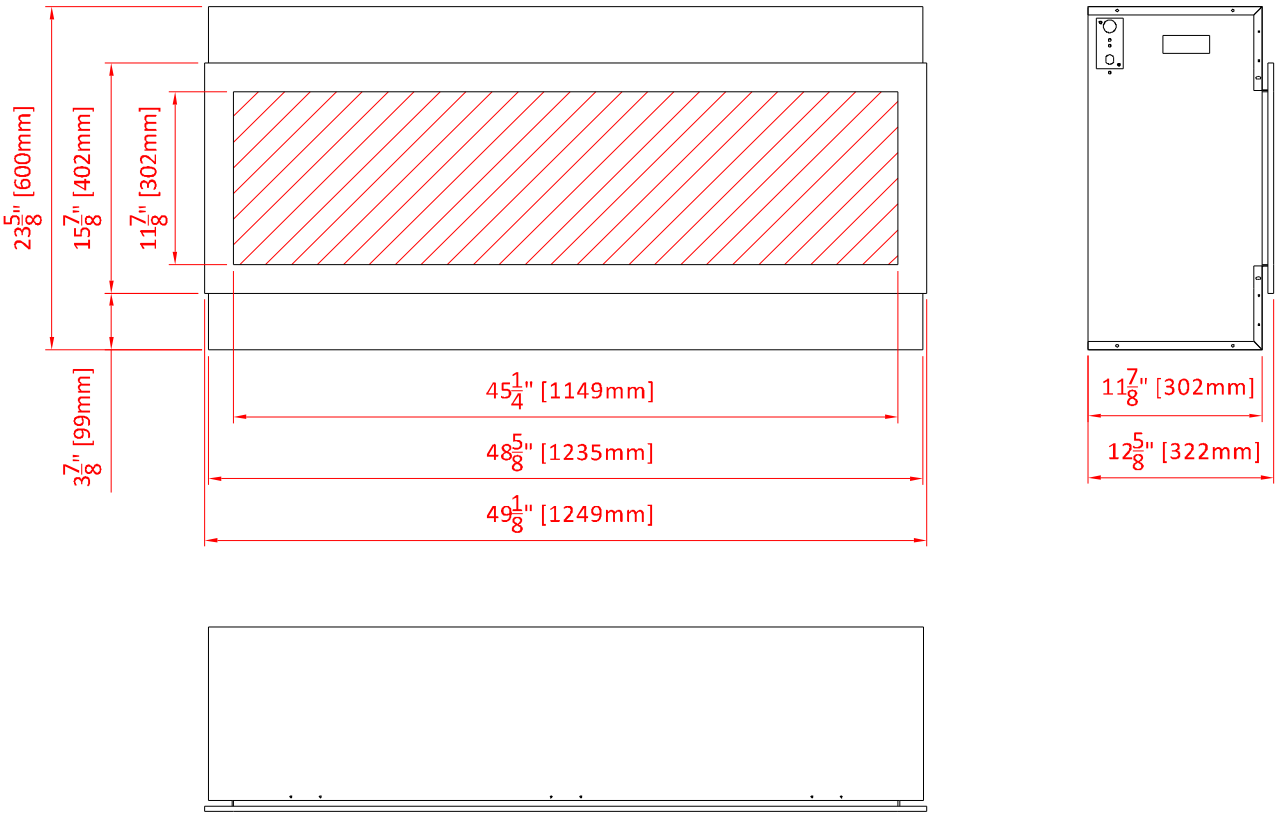


BI-50-DEEP

Model Number	BI-50-DEEP
Voltage	120V AC 60Hz
Watts	1500W Max
NO HEATER	25W
MOTOR HEATER	19W
Appliance Width	48 5/8” or 123.5 cm
Appliance Height	23 5/8” or 60 cm
Appliance Depth	12 1/4” or 31.2 cm
Gross Weight	110lbs or 50kg
Plug Location	Left side
Cord Length	70 7/8” or 180 cm
Rough Wall Opening Size	50”× 24“ or 127 cm ×60 cm

This appliance has been tested in accordance with the UL Standard 2021 for fixed and location dedicated electric room appliances in the United States and Canada. If you need assistance during installation, please contact your local dealer.

NOTE: This appliance must be electrically wired and grounded in accordance with local codes. In the absence of local codes, us the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI/NFPA 70 National Electrical Code in the United States.

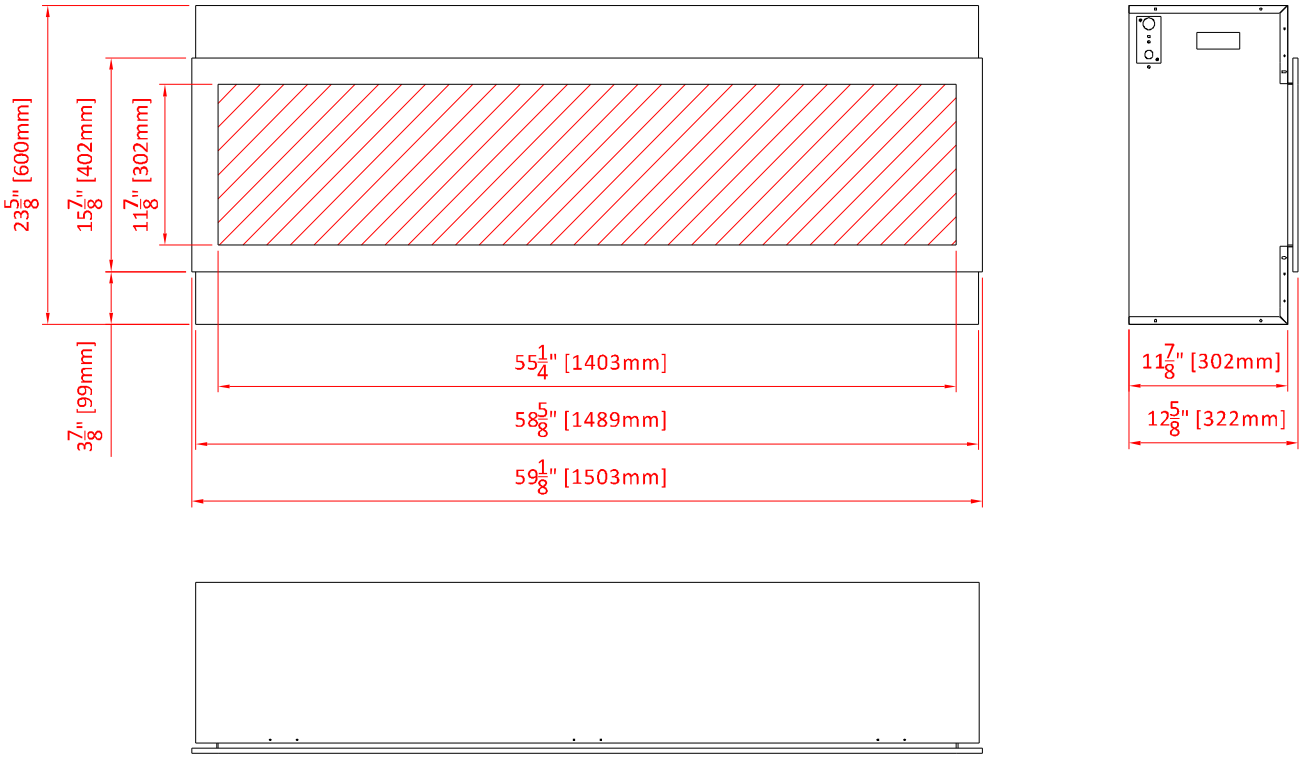


BI-60-DEEP

Description	Built-in Appliance
Voltage	120V AC 60Hz
Watts	1500W Max
NO HEATER	25W
MOTOR HEATER	19W
Appliance Width	58 5/8” or 148.5 cm
Appliance Height	23 5/8” or 60 cm
Appliance Depth	12 1/4” or 31.2 cm
Gross Weight	127.6lbs or 58kg
Plug Location	Left side
Cord Length	70 7/8” or 180 cm
Rough Wall Opening Size	60”× 24“ or 152.4 cm× 60 cm

This appliance has been tested in accordance with the UL Standard 2021 for fixed and location dedicated electric room appliances in the United States and Canada. If you need assistance during installation, please contact your local dealer.

NOTE: This appliance must be electrically wired and grounded in accordance with local codes. In the absence of local codes, us the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI/NFPA 70 National Electrical Code in the United States.

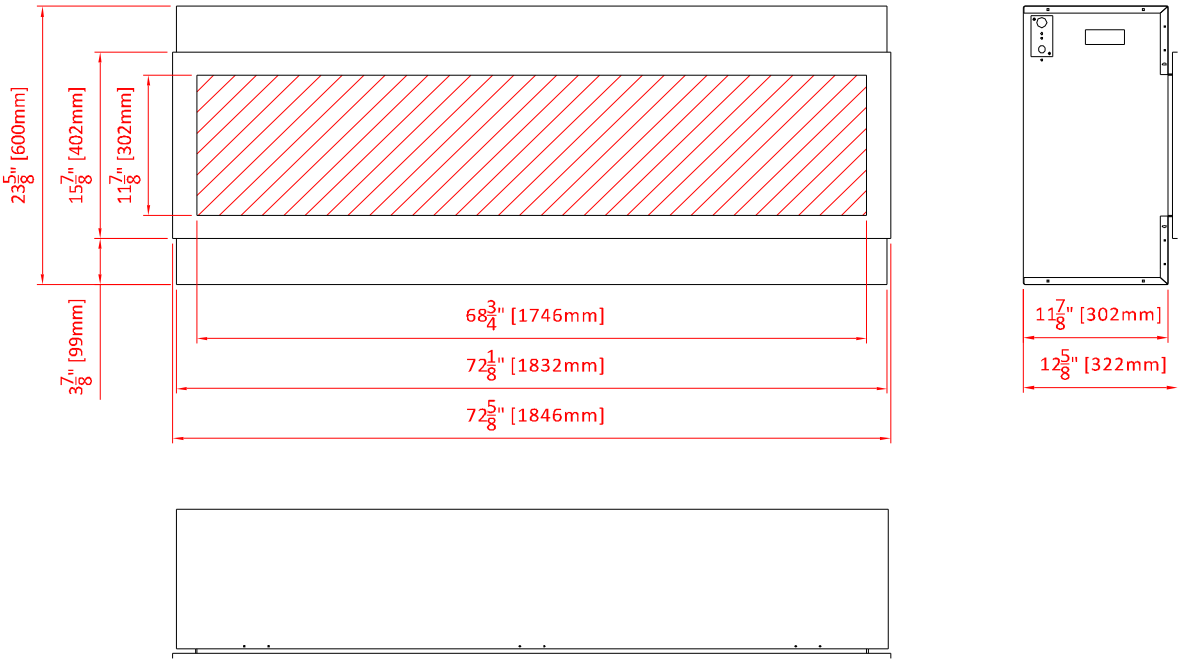


BI-72-DEEP

Description	Built-in Appliance
Voltage	120V AC 60Hz
Watts	1500W Max
NO HEATER	25W
MOTOR HEATER	19W
Appliance Width	72 1/8” or 183.2 cm
Appliance Height	23 5/8” or 60 cm
Appliance Depth	12 1/4” or 31.2 cm
Gross Weight	156.2lbs or 71kg
Plug Location	Left side
Cord Length	70 7/8” or 180 cm
Rough Wall Opening Size	73 1/2”× 24“ or 186.7 cm× 60 cm

This appliance has been tested in accordance with the UL Standard 2021 for fixed and location dedicated electric room appliances in the United States and Canada. If you need assistance during installation, please contact your local dealer.

NOTE: This appliance must be electrically wired and grounded in accordance with local codes. In the absence of local codes, us the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI/NFPA 70 National Electrical Code in the United States.

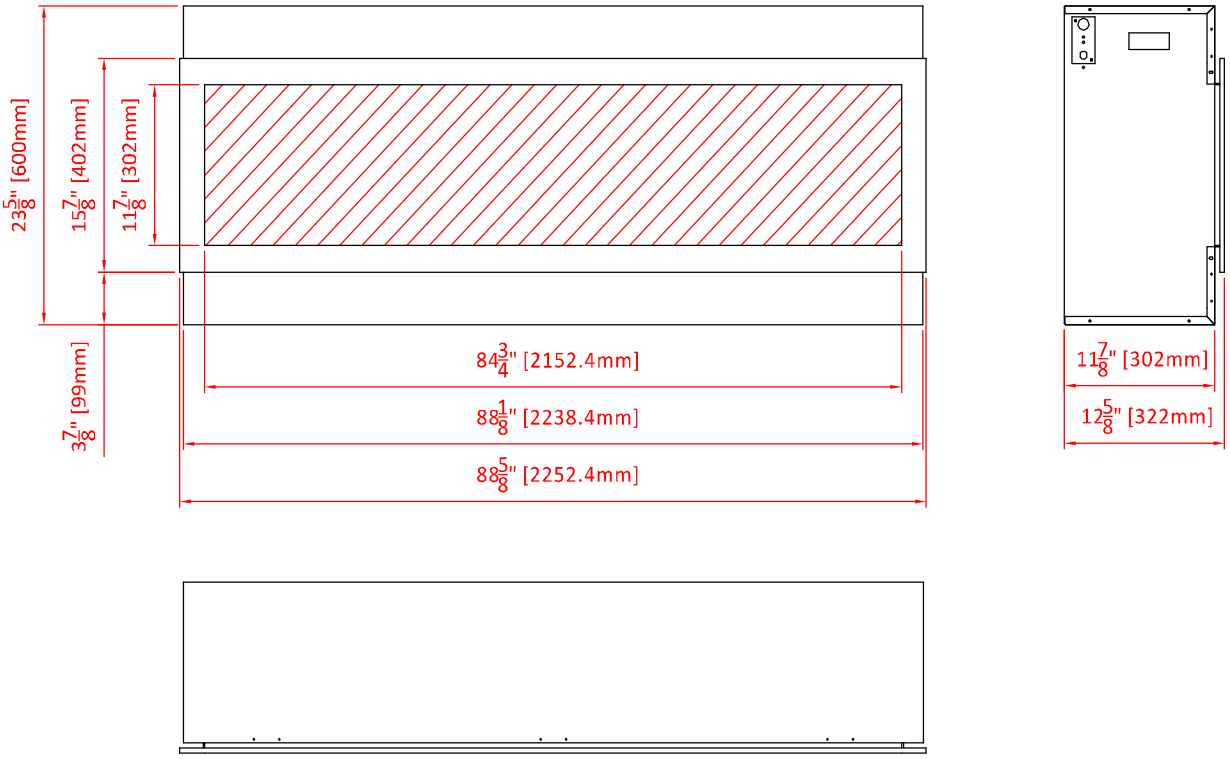


BI-88-DEEP

Description	Built-in Appliance
Voltage	120V AC 60Hz
Watts	1500W Max
NO HEATER	25W
MOTOR HEATER	19W
Appliance Width	88 5/8” or 225.2 cm
Appliance Height	23 5/8” or 60 cm
Appliance Depth	12 1/4” or 31.2 cm
Gross Weight	195.8lbs or 89kg
Plug Location	Left side
Cord Length	70 7/8” or 180 cm
Rough Wall Opening Size	89 1/4”× 24“ or 226.7 cm× 60 cm

This appliance has been tested in accordance with the UL Standard 2021 for fixed and location dedicated electric room appliances in the United States and Canada. If you need assistance during installation, please contact your local dealer.

NOTE: This appliance must be electrically wired and grounded in accordance with local codes. In the absence of local codes, us the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI/NFPA 70 National Electrical Code in the United States.



INSTALLATION

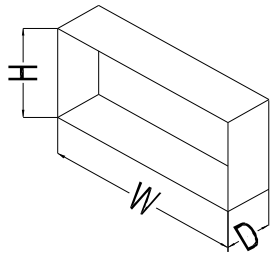
The BI-DEEP models are designed to be built-in and allow for the finishing material (drywall, stone, tile, etc) to be built right down to the glass edge. However, that application is not always desirable or available so the surround could be used as an alternate finish option.

Note: For 60",72" and 88" models it is recommended that two people are used to remove the surround.

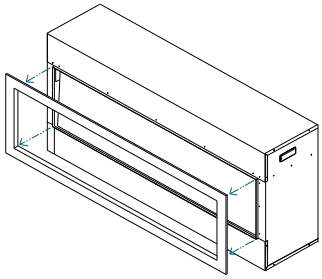
Note: When using unit in outdoor applications, consult with local building codes and regulations prior to installation. All outdoor installations require a PAN-COV stainless cover for warranty to be valid. Please see page 12 for Panorama Cover Installation instructions.

The rough wall opening size of the fireplace.

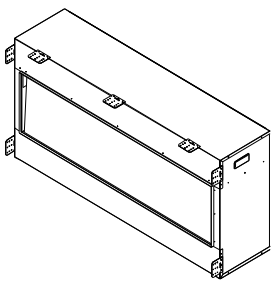
	W(")	D(")	H(")
BI-40-DEEP	40	12	24
BI-50-DEEP	50	12	24
BI-60-DEEP	60	12	24
BI-72-DEEP	73 1/2	12	24
BI-88-DEEP	89 1/4	12	24



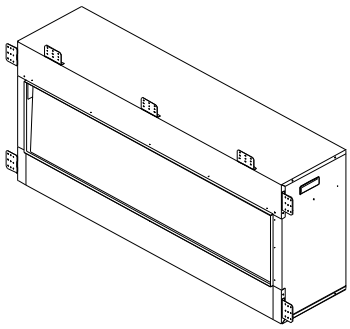
1. Take out the unit from the box. Do the pre-test before you install the fireplace. Pull out the optional trim from the unit as show.



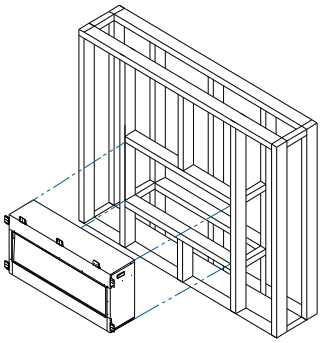
2. Screw the framing plates to the fireplace.



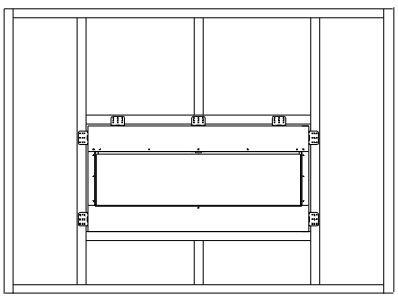
3. Bent up the framing plates.



4. Insert the fireplace into the wall opening.



5. Drive the mounting screws into the framing plates on the units and the wall studs.



HARD- WIRE INSTALLATION

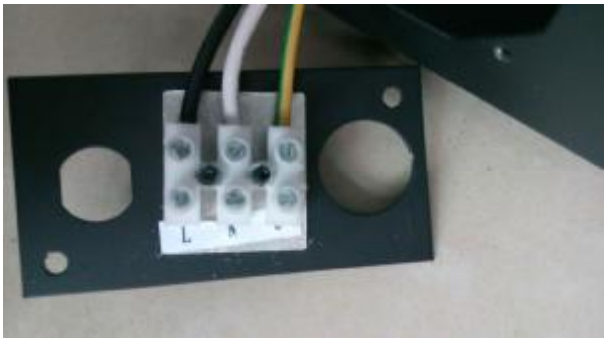
Turn off the appliance completely and let cool before servicing. Only a qualified service person should service and repair this electric appliance.

If it is necessary to hard wire this appliance, a qualified electrician must remove the cord connection, and wire the appliance directly to the house hold wiring.

This appliance must be electrically connected and grounded in accordance with local codes, if hard wired. In the absence of local codes, use the current CSA C22.1 CANADIAN ELECTRICAL CODE in Canada or the current ANSI/NFPA 70 NATIONAL ELECTRICAL CODE in the United States.

1. Remove the cover plate from the left side of the appliance by removing the two screws, as shown below. Unscrew and remove power cord.

2. Attach the wiring to the junction block. Please make sure the live wire into the “L”, the neutral wire into “N” and the ground wire into “G”.



3. Put the plate back and screw back.

PANORAMA COVER INSTALLATION

Make sure install the pan-cover when the fireplace used in outdoors.
Remove the cover from the packaging.

The handles will need to be attached to the cover with the provided hardware as shown in fig. 1

Fig 1

First, place a plate washer and then a spring washer on the screw as shown in fig. 2

Fig 2

Affix the handles to the front of the cover using the prepared screws. Fig. 3
There is some slots at the top of the cover. It can avoid the main switch interference.

Fig 3

Fig 4

Insert the assembled cover onto the unit as shown in Figs. 4 and 5

Fig 5

Media Options

The BI-40-DEEP, BI-50-DEEP,BI-60-DEEP is shipped with 3 large glass nuggets, clear and blue diamond shaped media and 11 piece log set.

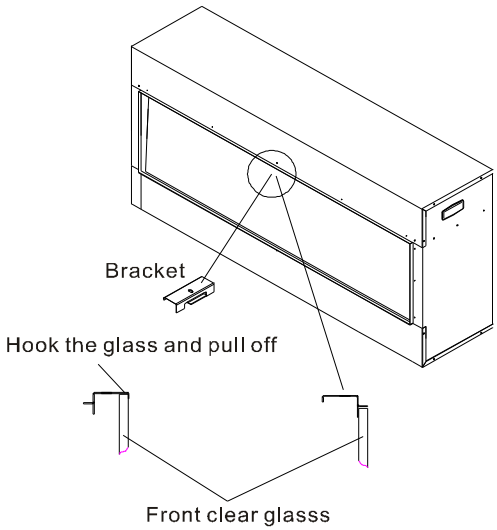
The BI-72-DEEP, BI-88-DEEP is shipped with 6 large glass nuggets, clear and blue diamond shaped media and 11 piece log set.

Glass nuggets, clear and blue diamond shaped media

11 piece log set

Fire Glass Media-Log Installation

1. Take off the front clear glass. There is a bracket which hold the front glass.It is show as below. Unscrew the screw and take off the bracket. Turn around and insert to the gap. It can hook the glass and pull out the glass.



2. Installing the fire glass media. Pour the fire glass media into the tray as shown below. Feel free to use any combination of fire glass media that you find most appealing

3.Put back the front glass and screw back the bracket.

OPERATION

The fireplace can be operated either by the switches located on the left bottom of the fireplace unit or by supplied remote control.
Plug the fireplace into a 15 Amp wall socket.

MANUAL OPERATION

1. The main power ON/OFF switch in position O, the fireplace is OFF.
2. When main power ON/OFF switch is at position I, the fireplace is ready to use.
3. Press the button repeatedly to set the heater to desired heat setting. The heater indicator LED will glow which shows the current heater settings.
   a) RED 1500W HEAT OUTPUT
   b) BLUE 750W HEAT OUTPUT
   c) PURPLE AUTO MODE

AUTO MODE

Under this mode the heater will automatically turn ON at high heat setting 1500W heat output when the room temperature drops below 22℃. When the room temperature is between 22-25℃ the heater output will switch to low heat setting 750W.When the room temperature goes above 25℃ the heater will be turned off and the cycle will continue. The LED indicator will be PURPLE in colour under this mode.

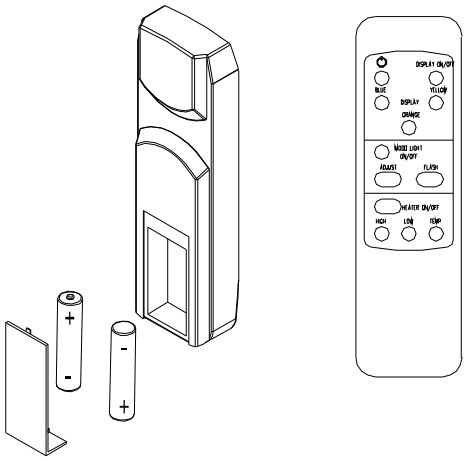
4. Flame effect: Press the button marked to adjust the flame brightness. The flame brightness will cycle through –Low-Medium-High -OFF.
5. Mood light effect: Press the button marked to change the mood light colour.

NOTE: If operated at the Low heat setting, the fireplace will not provide as much heat output as in the High heat setting, however the low setting will not require as much electrical power to operate. To avoid overloading a circuit, do not plug the fireplace into a circuit that already has other appliances working. When the fireplace is not in use switch off and unplug.

SAFETY CUT-OFF

- This appliance is fitted with a safety cut-off which will operate if the fireplace overheats (eg. Due to blocked air vents). For safety reasons, the fireplace will NOT automatically reset.
- To reset the appliance, disconnect the appliance from the mains supply for at least 10 minutes. Reconnect the supply to the mains and switch on the appliance.

REMOTE CONTROL OPERATION



For remote to function make sure the heater is plugged in and mains power switch located on the bottom left hand side is at position I.
When operating the remote make sure you point the remote to the centre of the fireplace and make sure each time you press the button. The buzzer inside the unit will beep once. 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.
Power on ⏻ button: The power-on button at top left corner of the remote is the mains ON/OFF power button. This will turn off all the functions and the fireplace will be in standby mode.

DISPLAY ON/OFF button: Switching the fireplace flame and tray light ON/OFF. It has functions of setting memory.

DISPLAY BLUE button: Adjust the blue color brightness of flame and tray.

DISPLAY YELLOW button: Adjust the yellow color brightness of flame and tray.

DISPLAY ORANGE button: Adjust the orange color brightness of flame and tray.

MOOD LIGHT ON/OFF button: Switching the mood light ON/OFF.

ADJUST button: Switching the color of the mood light.

FLASH button: Switching the flash way of the mood light.

HEATER ON/OFF button: Switching the heater ON/OFF. It has functions of setting memory.

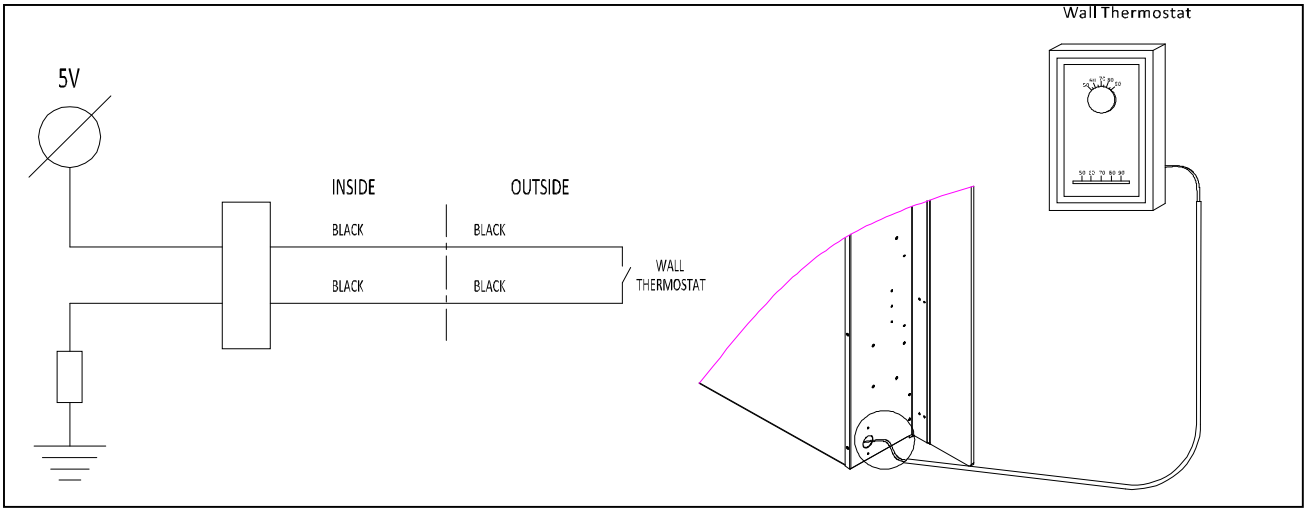
HIGHT button: Press the high button to switch the heater to high heat setting 1500W.

LOW button: Press the low button to switch the heater to low heat setting 750W.

TEMP. button: Press the TEMP. button to switch the heater to AUTO mode. Under this mode the heater will operate in similar way as explained above for the manual operation.

INSTALLING WALL THERMOSTAT

WALL THERMOSTAT WIRING DIAGRAMS



Wire the wall thermostat prior to installing the fireplace.

WALL THERMOSTAT WIRING(24 VAC)

Install Wall Thermostat per instructions provided with kit and per the following information:

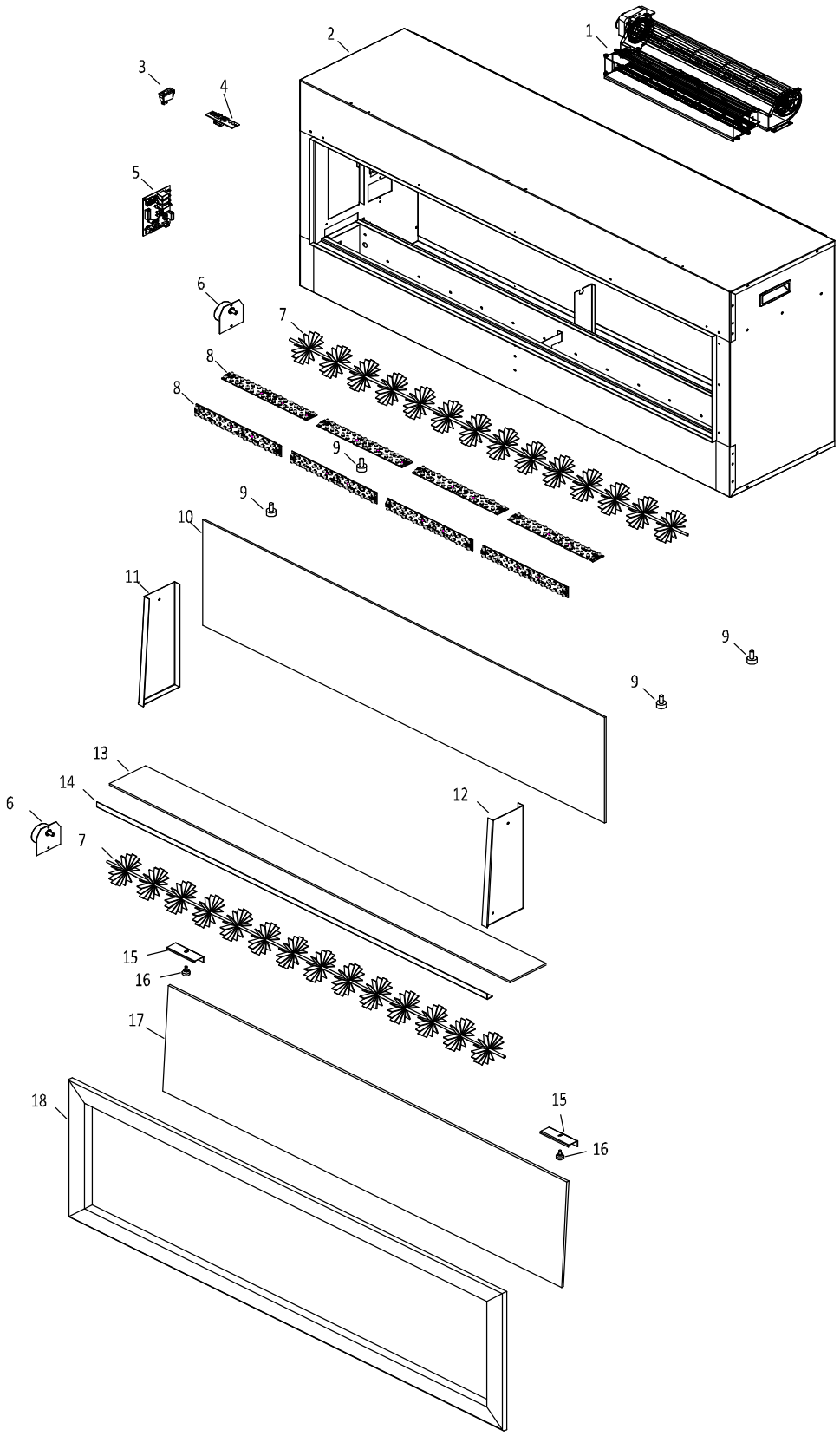
1. Turn off circuit breaker.
2. Remove cover plate located on the left side of appliance.
3. Pull the wire out and cut the inside thermostat. Connect the wires to the wall thermostat as shown below. Follow instructions provided with wall switch kit.

REPLACEMENT PARTS

This list contains replacement parts

NO.	BI-40-DEEP	BI-50-DEEP	BI-60-DEEP	BI-72-DEEP	BI-88-DEEP	DESCRIPTION	QTY.
1	602030C	602030C	602030C	602030C	602030C	BLOWER AND HEATER ASSEMBLY	1
2						FIREPLACE BOX	
3	10104010	10104010	10104010	10104010	10104010	SWITCH	1
4	601032B	601032B	601032B	601032B	601032B	CONTROL PANEL	1
5	601092C	601092C	601092C	601092C	601092C	CIRCUIT BOARD	1
6	10101225	10101225	10101225	10101225	10101225	FLAME MOTOR	2
7	3109503	3057503	3110503	3058503	3111503	FLICKER ASSEMBLY	2
8	601136B	601136B	601136B	601137B	601137B	LED STRIP	
9	10203015	10203015	10203015	10203015	10203015	ADJUSTABLE FOOT	4
10						FLAME EFFECT GLASS(CLEAR GLASS WITH BLACK PLASTIC)	1
11	3057012	3057012	3057012	3057012	3057012	GLASS BRACKET LH	1
12	3057013	3057013	3057013	3057013	3057013	GLASS BRACKET RH	1
13	10702155	10702152	10702156	10702153	10702157	BOTTOM GLASS	1
14	3109017	357017	3110017	358017	3111017	MEDIA HOLD BRACKET	2
15	3057016	3057016	3057016	3057016	3057016	FRONT GLASS BRACKET.	2
16						ADJUSTABLE SCREW	2
17	10701187	10701165	10701189	10701166	10701191	FRONT GLASS	1
18	3109501	3057501	3110501	3058501	3111501	Black steel surround	1
19	10105063	10105063	10105063	10105063	10105063	REMOTE	1

EXPLODED VIEW



TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Dim or no flame	Flame LED's are burnt out	Inspect the LED's and replace them if necessary.
Ember bed is not glowing or dimming	Ember LED's are burnt out	Inspect the ember bed LED's and replace them if necessary.
Appliance turns off and will not turn on	Appliance has overheated and safety device has caused the thermal switch to disconnect	Turn off the main switch, allow appliance to cool for 10 minutes, then turn it on.
	House circuit breaker has tripped	Reset house circuit breaker.
	Appliance's fuse has blown	Replace the fuse.
Appliance will not come on when switch is flipped to ON	Appliance is not plugged into an electrical outlet	Check plug and plug in.
	Appliance has overheated and safety device has caused the thermal switch to disconnect	Turn off the main switch, allow appliance to cool for 10 minutes, then turn it on.
	Circuit board is burnt out	Inspect the circuit board and replace it if necessary.
No warm air coming out of appliance	Heater is burnt out	Inspect the burner and heater assembly and replace it if necessary.
Flame sputters	Flame motor is defective.	Call a qualified service technician and replace flame motor.
Remote Control does not work.	Low batteries. Unit switch in "O" position.	Replace AAA batteries in remote control. Turn the switch in "I" position.
Flame is fixed.	Wiring may be loose or the flame motor may be defective.	

SERVICE HISTORY

This heater must be serviced annually depending on usage.

Date	Dealer Name	Service technician Name	Service Performed	Special Concerns

NOTES:

WARRANTY FOR PRODUCTS MANUFACTURED AFTER JANUARY 1st, 2016

Amantii Imports Corp. ("Amantii") warrants that your newly purchased Amantii electric fireplace is free from manufacturing and material defects for a period of two (2) years from the date of the first purchase, subject to the conditions and limitations contained below.

Warranty Application & Exclusions
This limited warranty applies to your newly purchased Amantii electric fireplace; the limited warranty's application is limited to purchases made in any province of Canada or in any of the 52 States of the United States of America, including the District of Columbia. Only the original purchaser of the product is eligible for coverage under this limited warranty; the warranty is not transferable.

Products excluded from this limited warranty
Light bulbs are not covered by this limited warranty and are the sole responsibility of the owner/purchaser.

Warranty Coverage and Term
Products covered by this limited warranty have been tested and inspected prior to shipment and, subject to the provisions of this warranty, Amantii warrants such products to be free from defects in material and workmanship for a period of two (2) years from the date of the first purchase of such products.

The limited two (2) year warranty period for products also applies to any implied warranties that may exist under applicable law. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to the purchaser.

All other warranties—expressed or implied—with respect to the product, its components and accessories or any obligation/liabilities on the part of Amantii are hereby expressly excluded.

Limitations to Coverage Under Limited Warranty
This limited warranty does not apply to products that have been repaired, except by Amantii or its authorized service representatives, or otherwise altered. This limited warranty further does not apply to defects resulting from misuse, abuse, accident, neglect, incorrect installation, improper maintenance or handling, or operation with an incorrect power source. Products made by other manufacturers, sold with the product or thereafter, are not covered by this limited warranty. The use of unauthorized components will render this warranty null and void.

Panorama Outdoor Units
All Panorama units that are installed outdoors or in moisture intense conditions must use the stainless steel cover. Proof of purchase of the cover is required for any warranty claims.

Service Under Limited Warranty
Defects must be brought to the attention of Amantii Technical Service by contacting Amantii at (1-888-406-8764), or at 502-1027 Davie Street, Vancouver, BC V6E 4L2. Please have your proof of purchase, catalogue/model and serial numbers available when calling; any and all service under the limited warranty requires a proof of purchase of the product.

Defects
Should a product or part covered by this limited warranty be proven to be defective, in material or workmanship, and during the two (2) year limited warranty period, Amantii will replace such defective product or part without charge. If Amantii is unable to replace such product, or if replacement is not commercially practicable or cannot be timely done, in its sole discretion Amantii may, in lieu of replacement, choose to refund the purchase price for such product or part.

Limitations
In no event will Amantii, including without limitation any of its directors, officers, shareholders, employees, consultants, agents, heirs, executors, administrators and assigns, be liable to the purchaser or any third party, whether in contract, in tort, or on any other basis for any indirect, special, punitive, exemplary, consequential, or incidental loss, cost or damage arising out of or in connection with the sale, maintenance, use or inability to use the product, even if Amantii, including without limitation any of its directors, officers, shareholders, employees, consultants, agents, heirs, executors, administrators and assigns, have been advised of the possibility of such losses, costs or damages, or if such losses, costs or damages are foreseeable. In no event will Amantii, including without limitation any of its directors, officers, shareholders, employees, consultants, agents, heirs, executors, administrators and assigns, be liable for any direct losses, costs or damages that exceed the purchase price of the product.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the purchaser.

Application of Provincial and State Law
This limited warranty gives you specific legal rights, and you may also have other rights which vary from jurisdiction to jurisdiction. The provisions of the United Nations Convention on Contracts for the Sale of Goods shall not apply to this limited warranty or the sale of products covered by this limited warranty.

General
Amantii reserves the right to make changes at any time without notice, in design, material, specifications, prices and the right to discontinue styles and products.

Effective January 1, 2016