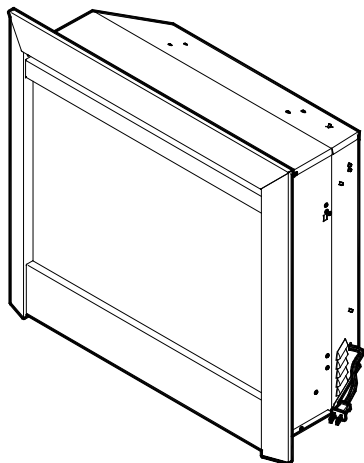




Better solutions through innovation



Owner's Manual

Model

DFB4047

DF2305

DF2307SS

6901740259

DFB4047-NL









IMPORTANT SAFETY INFORMATION: Always read this manual first before attempting to install or use this fireplace. For your safety, always comply with all warnings and safety instructions contained in this manual to prevent personal injury or property damage.

To view the full line of Dimplex products, please visit
www.dimplex.com

7206960100R08





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Always use a qualified technician or service agency to repair this fireplace.

! NOTE: Procedures and techniques that are considered important enough to emphasize.

 **CAUTION:** Procedures and techniques which, if not carefully followed, will result in damage to the equipment.

 **WARNING:** Procedures and techniques which, if not carefully followed, will expose the user to the risk of fire, serious injury, or death.

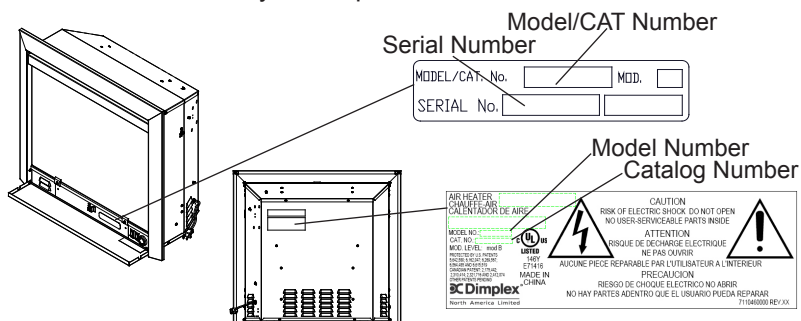
Welcome & Congratulations

Thank you and congratulations for choosing to purchase an electric fireplace from Dimplex, the world leader in electric fireplaces.

Please carefully read and save these instructions.


⚠ CAUTION: Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible electric shock, fire hazard and will void the warranty.


Please record your model and serial numbers below for future reference: model and serial numbers can be found on the Model and Serial Number Label of your fireplace.



STOP NO NEED TO RETURN TO THE STORE

Questions with operation or assembly? Require Parts Information?
Product Under Manufacturer's Warranty?

Contact us at:  www.dimplex.com/customer_support
For Troubleshooting and Technical Support

OR  **Toll-Free 1-888-DIMPLEX (1-888-346-7539)**
Monday to Friday 8:00 a.m. to 4:30 p.m. EST
Please have your model number and product serial number ready. (See above)



IMPORTANT INSTRUCTIONS

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

- ① Read all instructions before using this appliance.
- ② The heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. The trim around the heater outlet becomes hot during heater operation. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9m) from the front of the unit.
- ③ Extreme caution is necessary when any heater is used by or near children or invalids and whenever the unit is left operating and unattended.
- ④ Always unplug the fireplace when not in use.
- ⑤ Do not operate any unit with a damaged cord or plug, or if the heater has malfunctioned, or if the fireplace has been dropped or damaged in any manner. Return heater to authorized service

facility for examination, electrical or mechanical adjustment or repair.

- ⑥ Do not use outdoors.
- ⑦ The fireplace is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- ⑧ Do not install the fireplace directly on carpet or a similar surface, which may restrict air circulation beneath the unit.
- ⑨ 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.
- ⑩ To disconnect the unit, turn the controls off, then remove the plug from the outlet.
- ⑪ Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage to the heater.
- ⑫ To prevent a possible fire, do



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
NO USER-SERVICABLE PARTS INSIDE





IMPORTANT INSTRUCTIONS

not block air intake or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.

⑬ All electrical heaters have hot and arching or sparking parts inside. Do not use in areas where gasoline, paint, or flammable liquids are used or stored or where the unit will be exposed to flammable vapours.

⑭ Do not modify the fireplace. Use it only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.

⑮ To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

⑯ Avoid the use of an extension cord. Extension cords may

overheat and cause a risk of fire. If you must use an extension cord, the cord must be No. 14 AWG minimum size and rated no less than 1875 Watts.

⑰ Do not burn wood or other materials in the fireplace.

⑱ Do not strike fireplace glass.

⑲ Always use a certified electrician should new circuits or outlets be required.

⑳ Always use properly grounded, fused and polarized outlets.

㉑ Disconnect all power supply before performing any cleaning, maintenance or relocation of the unit.

㉒ When transporting or storing the unit and cord, keep in a dry place, free from excessive vibration and store so as to avoid damage.

㉓ Use only on 15 Amp branch circuits.

⚠ WARNING: To avoid overheating, do not cover the heater.

SAVE THESE INSTRUCTIONS



IMPORTANT INSTRUCTIONS

⚠ WARNING: Remote control contains small batteries. Keep away from children. If swallowed, seek medical attention immediately.

⚠ WARNING: Do not install battery backwards, charge, put in fire or mix with used or other battery types - may explode or leak causing injury.

! NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

⚠ CAUTION: This equipment has been tested and found to comply with the limits for 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 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 the 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.

Operation is subject to the following two conditions: (1) this device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Site Selection & Preparation

This section provides easy step by step instructions for selecting a location and preparing the site to install the fireplace into:

- **Existing fireplace**
- **New wall construction**
- **Dimplex mantel surround kit or custom made mantel surround**

! NOTE 1: A 15 Amp, 120 Volt circuit is required. A dedicated circuit is preferred but not essential in all cases. A dedicated circuit will be required if, after installation, the circuit breaker trips or fuse blows on a regular basis when the heater is operating. Additional appliances on the same circuit may exceed the current rating of the circuit breaker.

⚠ WARNING: Ensure the power cord is not installed so that it is pinched or against a sharp edge and ensure that the power cord is stored or secured to avoid tripping or snagging to reduce the risk of fire, electric shock or injury to persons.

Construction and electrical outlet wiring must comply

with local building codes and other applicable regulations to reduce the risk of fire, electric shock and injury to persons.

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

! NOTE: The fireplace insert comes completely assembled and wired. Some dimensions of the fireplace insert are shown in Figure 1.

⚠ WARNING: The fireplace insert is to be installed in an opening with minimum dimensions: 24 inches (610 mm) wide by 23 inches (585 mm) high and 11 ½ inches (292 mm) deep.

⚠ CAUTION: Clearance for air circulation beneath the fireplace insert is provided by four (4) rubber feet (Figure 1). Do not install the fireplace insert directly on carpet or similar surfaces which may restrict air circulation. If installing the fireplace in a carpeted area, place a one-piece, solid, flat surface under



Site Selection & Preparation

the fireplace insert. Ensure that all four (4) of the insert's feet rest securely on this surface.

Option #1 - The power cord can be lead from behind the fireplace trim and along the wall to an outlet near the fireplace.

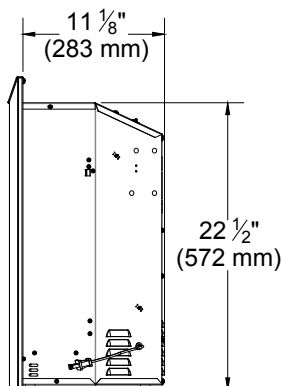
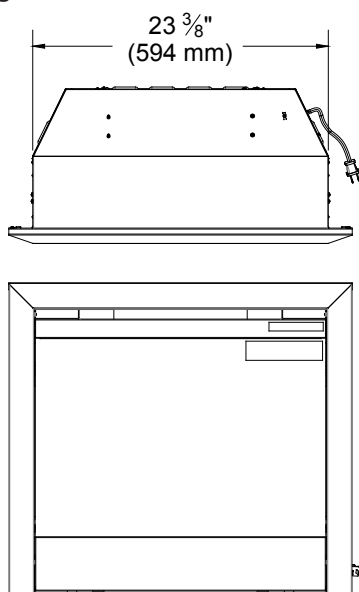
Option #2 - A new outlet can be installed inside the new frame construction.

Option #3 - The power cord can be lead from behind the mantel and along the wall to an outlet near the fireplace.

Existing Fireplace Installation

1. Seal all drafts and vents with non-fibrous insulation materials to prevent chimney debris from falling into the fireplace insert. Do not install into an existing fireplace that is prone to leaks or dampness.
2. Cap the top of the chimney flue to prevent rain from entering.
3. Plan your electrical power supply (refer to NOTE 1).

Figure 1





Site Selection & Preparation

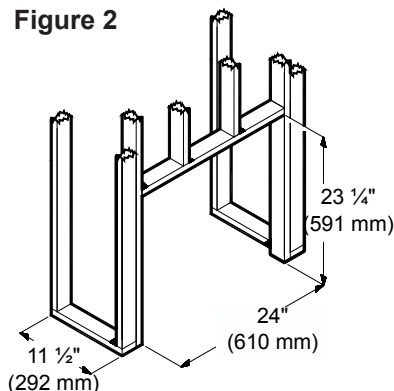
- The power cord can run along the front of the hearth to an outlet near the fireplace.

⚠ WARNING: To prevent personal injury you should hire a professional to cap the chimney flue or cut a hole in the existing fireplace for wiring. If you return your existing fireplace to its original use (example wood burning), it should be inspected by the local building department prior to use to reduce the risk of fire and personal injury.

New Wall Construction

- Select a suitable location that is not susceptible to moisture and is away from drapes, furniture and high traffic.
- Place the fireplace in the desired location to see how it will look in the room.
- Mark the desired location on the floor and store the fireplace in a safe, dry and dust free location.
- Use studs to frame an opening of 24 inches (610 mm) wide X 23 ¼ inches (591 mm) high X 11 ½ inches (292 mm) deep (Figure 2).

Figure 2



- Plan your electrical power supply (refer to NOTE 1).

Dimplex Mantel Surround Kit or Custom Made Mantel Surround

- Select a suitable location that is not susceptible to moisture and is away from drapes, furniture and high traffic.
- Place the fireplace in the desired location to see how it will look in the room.
- For ease of electrical hook up you may wish to locate the fireplace near an existing outlet (refer to NOTE 1).
- Store the fireplace in a safe dry and dust free location.



Site Selection & Preparation

5. Assemble the mantel surround kit (refer to the mantel assembly instructions) or construct the custom surround with an opening of 24 inches (610 mm) wide X 23 ¼ inches (591 mm) high X 11 ½ inches (292 mm) deep.



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



Fireplace Installation

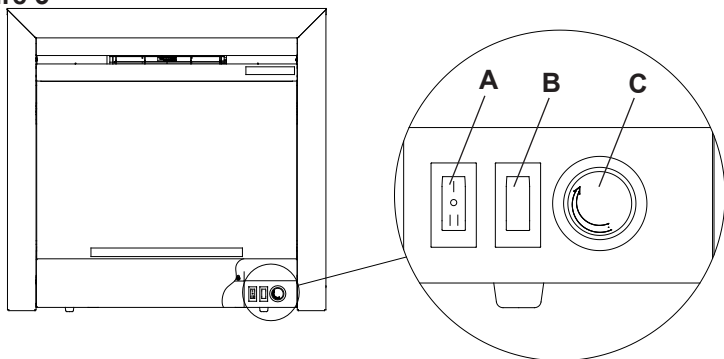
1. Make sure the units Main On/Off Switch is switched Off (refer to operating instruction section).
2. Plug the unit into a 15 Amp, 120 Volt outlet. If the cord does not reach, you may use an extension cord rated for a minimum of 1875 Watts.
3. Push the fireplace into the opening being careful not to damage the base of the mantel or cabinet so that the fireplace is flush with the mantel or cabinet.
4. Level the unit with shims if necessary (not provided).



WARNING: Ensure the power cord is not installed so that it is pinched or against a sharp edge and ensure that the power cord is stored or secured to avoid tripping or snagging to reduce the risk of fire, electric shock or injury to persons.

Operation

Figure 3



A - Three Position On/Off Switch

The power switch has two (2) On positions marked with “ I ” and “ II ”. The “ I ” position is for manual operation. In this position the built-in remote control is bypassed.

The “ II ” position is for operating the unit with the provided remote control. When in “ II ” position the unit is operated with the ON and OFF buttons of the remote control.

When the switch is in the center (“ O ”) position the unit is off.

B - Heat Switch

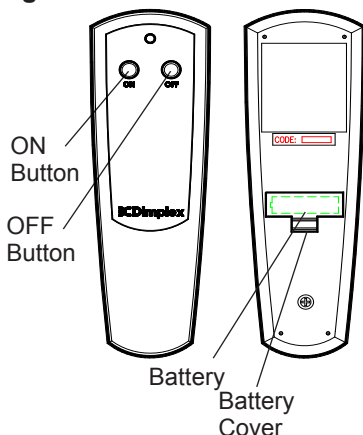
The Heat On/Off Switch supplies power to the heater fan and the heater element. When the switch is in the On position the heater operates if the thermostat calls for heat.

C - Heater Thermostat Control

To adjust the temperature to your individual requirements, turn the thermostat control clockwise all the way to turn on the heater. When the room reaches the desired temperature, turn the thermostat knob counter clockwise until you hear a click. Leave in this position to maintain the room temperature at this setting. For additional heat, turn clockwise until you hear the click again and the heater will turn on.

Operation

Figure 4



Resetting the Temperature Cutoff Switch

The heater is protected with a safety device to prevent overheating. Should the heater overheat, an automatic cut out will turn the heater off and it will not come back on without being reset. It can be reset by switching the On/Off Switch to Off and waiting five (5) minutes before switching the unit back on.

⚠ CAUTION: If the unit continuously cuts out, unplug the unit and call customer service at 1-800-DIMPLEX.

Remote Control (Figure 4)

The fireplace is supplied with an

integrated On/Off remote control, that is factory synchronized with the firebox.

To operate, push the ON button to turn fireplace on, push the OFF button to turn the fireplace off. The amount of heat produced will be dependant on positioning of manual heat controls.

! NOTE: Ensure that the fireplace's On/Off switch is set to the remote control setting ("II" position).

Initialization/Reprogramming

Follow these steps for remote control initialization if required:

1. Set the main power switch to OFF ("O"). (Figure 3A)
2. Wait a minimum of five (5) seconds and set the 3 Position Switch to the Remote position ("II").
3. **Within** 10 seconds of re-acquiring power, press the ON button located on the remote control transmitter.

! NOTE: You will have only 10 seconds to perform this last step. Failure to do so will result in these steps needing to be followed again.

This will synchronize the remote control transmitter and receiver.

Operation

Battery Replacement

- ① Slide battery cover open on the hand held transmitter (Figure 3).
- ② Correctly install one (1) 12 Volt (A23) battery in the battery holder.
- ③ Close the battery cover.



Battery must be recycled or disposed of properly. Check with your Local Authority or Retailer for recycling advice in your area.



Maintenance

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

Light Bulb Replacement

Allow at least 10 minutes for light bulbs and heater to cool off before touching bulbs to avoid accidental burning of skin.

Light bulbs need to be replaced when you notice a dark section of the flame. There are two (2) bulbs under the log set which generate the flames and embers.

Approximate time: 15 minutes to change the light bulbs.

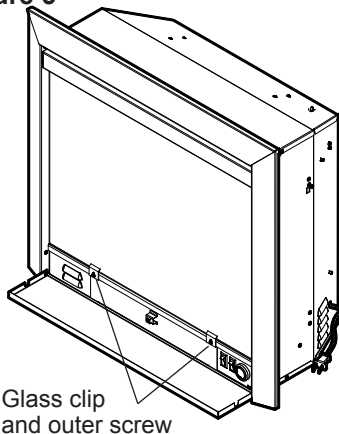
Light Bulb Requirements

Quantity of two (2) clear chan-

delier or candelabra bulbs with an E-12 (small) socket base, 60 Watt rating. Example: GE 60BC or Philips 60CTC.

Required tools: Phillips screw driver.

Figure 5





Maintenance

Replacement:

1. Remove the front glass by removing the two (2) outer screws holding the glass clips (Figure 5).
2. Remove the log grate by removing the two (2) mounting screws (Figure 6).
3. Remove the log set by lifting straight up (Figure 7).
4. Slide the light assembly slightly out of the insert approximately one (1) inch.
5. Examine the bulb(s) to determine which bulb(s) require replacement.
6. Unscrew the bulbs counter clockwise.
7. Insert new bulbs.
8. Slide the light assembly back into the insert.
9. Replace the log set into the insert.
10. Reinstall the log grate.
11. Reinstall the front glass.

Figure 6

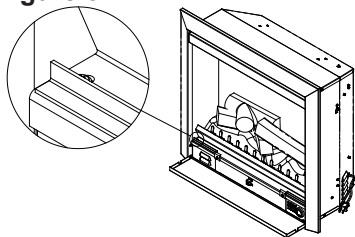
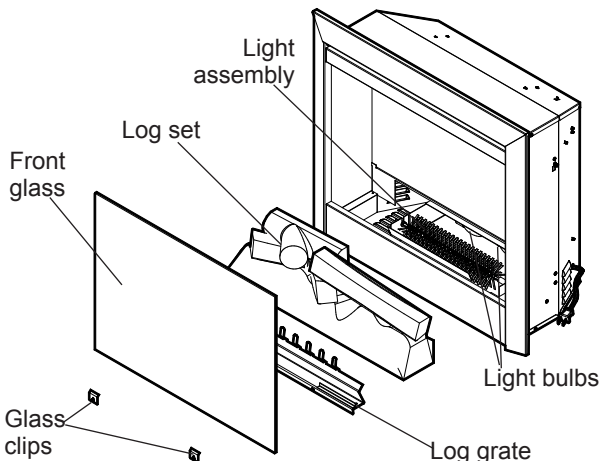


Figure 7





Maintenance

Glass Cleaning

The glass is cleaned in the factory during the assembly operation. During shipment, installation, handling, etc., the clear door may collect dust particles, these can be removed by dusting lightly with a clean dry cloth.

To remove fingerprints or other marks, the clear door can be cleaned with a damp cloth. The clear door should be completely dried with a lint free cloth to prevent water spots. To prevent

scratching, do not use abrasive cleaners or spray liquids on the clear door surface.

Fireplace Surface Cleaning

Use warm water only to clean painted surfaces. Do not use abrasive cleaners on glass surface or spray liquids directly onto any surface.

Unit Storage

Store the unit when not in use in a dry, dust free location with the power cord properly secured.



Warranty

Products to which this limited warranty applies

This limited warranty applies to the following models of your newly purchased Dimplex electric fireplace **DFB4047**, **DF2305**, **DF2307SS**, **6901740259**, **DFB4047-NL** and to newly purchased Dimplex fireplace surrounds (mantels) and trims. This limited warranty applies only to purchases made in any province of Canada *except* for Yukon Territory, Nunavut, or Northwest Territories or in any of the 50 States of the USA (and the District of Columbia) *except* for Hawaii and Alaska. This limited warranty applies to the original purchaser of the product only and 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. Products purchased in Yukon Territory, Nunavut, Northwest Territories, Hawaii, or Alaska are not covered by this limited warranty. Products purchased in these States, provinces, or territories are sold AS IS without warranty or condition of any kind (including, without limitation, any implied warranties or conditions of merchantability or fitness for a particular purpose) and the entire risk of as to the quality and performance of the products is with the purchaser, and in the event of a defect the purchaser assumes the entire cost of all necessary servicing or repair.

What this limited warranty covers and for



Warranty

how long

Products covered by this limited warranty have been tested and inspected prior to shipment and, subject to the provisions of this warranty, Dimplex warrants such products to be free from defects in material and workmanship for a period of 12 months from the date of the first purchase of such product.

The limited 12 month warranty period 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.

What this limited warranty does not cover

This limited warranty does not apply to products that have been repaired (except by Dimplex or its authorized service representatives) or otherwise altered. This limited warranty does further not apply to defects resulting from misuse, abuse, accident, neglect, incorrect installation, improper maintenance or handling, or operation with an incorrect power source.

What you must do to get service under this limited warranty

Defects must be brought to the attention of Dimplex Technical Service by contacting Dimplex at 1-888-DIMPLEX (1-888-346-7539), or 1367 Industrial Road, Cambridge Ontario, Canada N1R 7G8. Please have proof of purchase, catalogue/model and serial numbers available when calling. Limited warranty service requires a proof of purchase of the product.

What Dimplex will do in the event of a

defect

In the event a product or part covered by this limited warranty is proven to be defective in material or workmanship during the 12 month limited warranty period you have the following rights:

- Dimplex will in its sole discretion replace such defective part(s) without charge, or if part replacement proves not to be commercially practicable or cannot be timely made, Dimplex may, in lieu of replacing part(s) choose to replace the unit.
- This limited warranty does not entitle the purchaser to on-site or in-home services. On-site or in-home services may be performed at the purchaser's specific request and expense at Dimplex's then-current rates for such services.
- The purchaser is responsible for removal and transportation of such product or part (and any repaired or replacement product or part) to and from the authorized dealer's or service agent's place of business.
- Dimplex will not be responsible for, and the limited warranty services shall not include, any expense incurred for installation or removal of the product or part (or any replacement product or part) or any labour or transportation costs. Such costs shall be the purchaser's responsibility.

What Dimplex and its dealers and service agents are also not responsible for:

IN NO EVENT WILL DIMPLEX, OR ITS DIRECTORS, OFFICERS, OR AGENTS, BE LIABLE TO THE PURCHASER OR ANY THIRD PARTY, WHETHER IN



Warranty

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 DIMPLEX OR ITS DIRECTORS, OFFICERS, OR AGENTS 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 DIMPLEX, OR ITS OFFICERS, DIRECTORS, OR AGENTS 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.

How State and Provincial law apply

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.



Replacement Parts

| | |
|---------------------------------------|--------------|
| Log Set | 0438200700RP |
| Flicker Motor | 2000220100RP |
| Flicker Rod | 5900340100RP |
| Heater Assembly | 2200490800RP |
| 3 Position On/Off/On Switch | 2800071100RP |
| Heater On/Off Switch. | 2800070200RP |
| Control Knob | 8800000300RP |
| Cutout | 2300270100RP |
| Thermostat | 2300150100RP |
| Capacitor | 3200030100RP |
| Terminal Block | 4000070100RP |
| Cord Set | 4100090104RP |
| Front Glass | 5900380100RP |
| Mirror | 5900350100RP |
| Lampholder Assembly | 4200120800RP |
| Remote Transmitter | 3000370500RP |
| Remote Receiver | 3000380200RP |



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