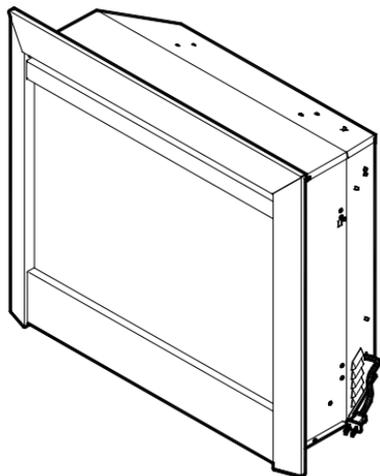




Better solutions through innovation



## Owner's Manual

Model  
DFB4047  
DF2305  
DF2307SS  
6901740259  
DFB4047-NL

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**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](http://www.dimplex.com)

7206960100R09



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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.

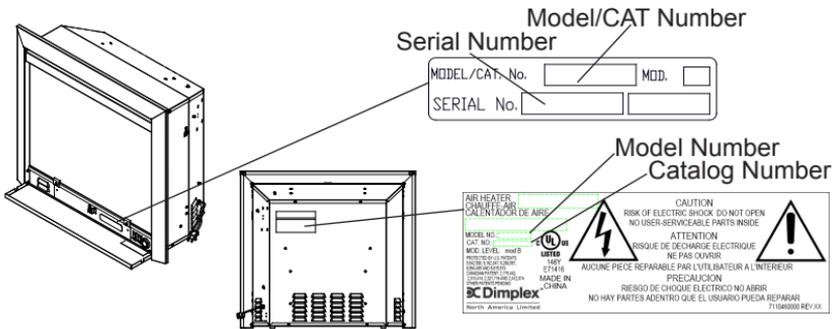
## Welcome & Congratulations

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](http://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 the fireplace.
- 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 ft (0.9 m) from the front of the unit and keep them away from the sides and rear.
- 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 heater after it malfunctions. Disconnect power at the service panel and have the heater inspected by a reputable electrician before reusing.
- ⑥ Do not operate any unit with a damaged cord or plug, or if the heater has malfunctioned, or if the electric fireplace has been dropped or damaged in any manner, contact Dimplex Technical Service at 1-888-346-7539.
- ⑦ Do not use outdoors.
- ⑧ 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.
- ⑨ Do not run the cord under carpeting (for units supplied with a cord). 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, and 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 not block air intake or exhaust in

# IMPORTANT INSTRUCTIONS

any manner.

⑬ All electrical heaters have hot and arcing or sparking parts inside. Do not use in areas where gasoline, paint, or flammable liquids are used or stored.

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 This unit may have a polarized plug (one blade is wider than the other). The 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.

⑯ Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord

or relocatable power tap (outlet/power strip).

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

⑱ Do not strike the glass front.

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.

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



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



## SAVE THESE INSTRUCTIONS



# IMPORTANT INSTRUCTIONS

**⚠ 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.

**⚠ 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.

## Fireplace Installation

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**

**⚠ 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.

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

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

**⚠ WARNING:** To reduce the risk of fire, do not store or use gasoline or other flammable vapors or liquids in the vicinity of the heater.

**! NOTE:** A 15amp, 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 the 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.

**⚠ CAUTION:** High temperature, risk of fire, keep electrical cords, drapery, furnishings, and other combustibles at least 3 ft (0.9 m) from the front of the heater.

**! NOTE:** The fireplace insert is to be installed in an opening with minimum dimensions: 24 in. (610 mm) wide by 23 in. (585 mm) high and 11 ½ in. (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 the fireplace insert. Ensure that all 4 of the insert's feet rest securely on this surface.



# Fireplace Installation

## Existing Fireplace Installation

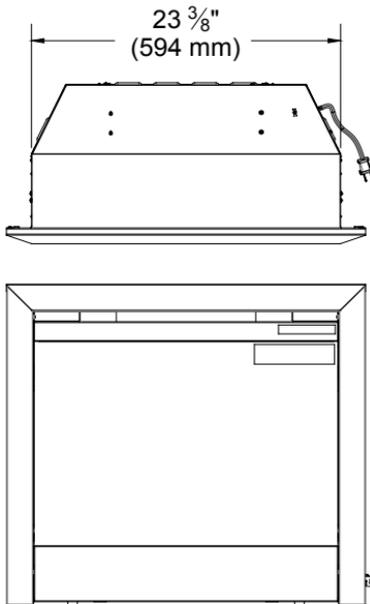
1. Seal all drafts and vents with non-fibrous insulation materials to prevent chimney debris from falling into the fireplace insert. Do not install into an existing fireplace that is prone to leaks or dampness.
2. Cap the top of the chimney flue to prevent rain from entering.
3. Plan your electrical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

4. 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.

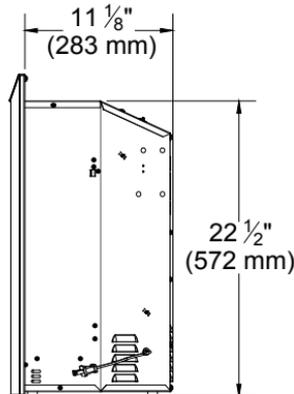
If you return your existing fireplace to its original use (example wood burning), it should be inspected by the local building department prior to use to reduce the risk of fire and personal injury.

Figure 1



## New Wall Construction

1. Mark the desired location on the floor and store the fireplace in a safe, dry and dust free location.



# Fireplace Installation

- Use studs to frame an opening of 24 in. (610 mm) wide X 23 ¼ in. (591 mm) high X 11 ½ in. (292 mm) deep (Figure 2).
- Plan your electrical power supply.

## Mantel Installation

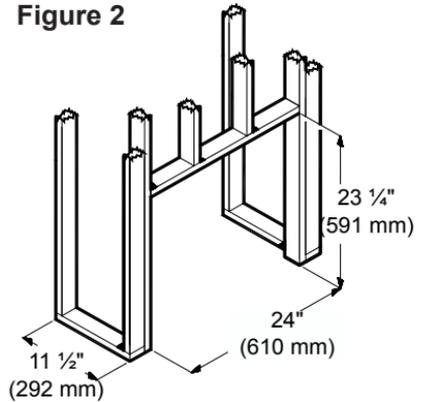
- Install the fireplace into the mantel (refer to mantel assembly instructions).

**! IMPORTANT:** If not using a Dimplex mantel, the fireplace must be installed in an enclosure with the following minimum internal/opening dimensions - Figure 2.

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

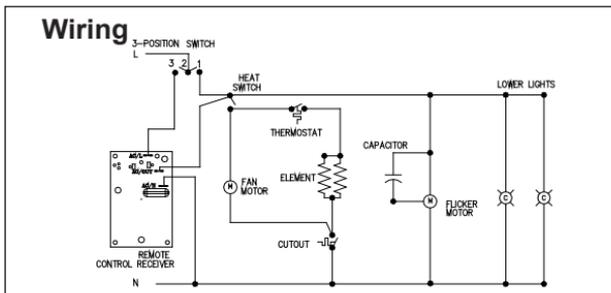
**Option #2** - A new outlet can be installed inside the new frame construction.

**Figure 2**



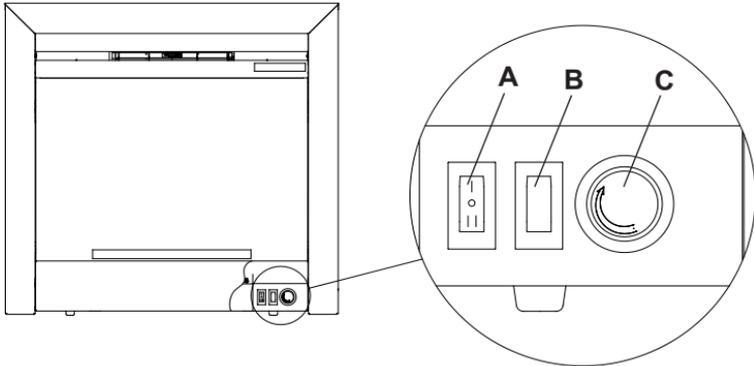
**Option #3** - The power cord can be lead from behind the mantel and along the wall to an outlet near the fireplace.

- Make sure the units 3-Position Switch is switched Off (refer to operating instruction section).
- Plug the unit into a 15 Amp, 120 Volt outlet.



## Operation

Figure 3



**⚠ WARNING:** This electric firebox must be properly installed before it is used.

### Manual Controls

#### A - 3-Position Switch

The power switch has two 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.

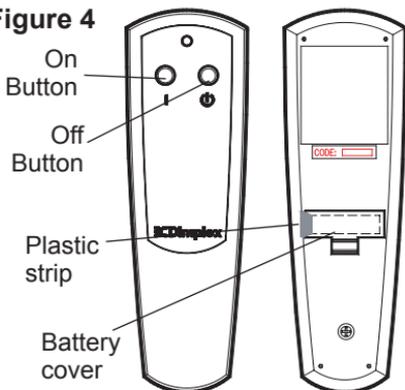
**! NOTE:** The heater on your fireplace may emit a slight, harmless odor when first used. This odor is a normal condition caused by the initial heating of internal heater parts and will not occur again.

#### 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

## Operation

Figure 4



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.

### 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 3-Position to Off and waiting 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).

**NOTE:** Before attempting any operation with the remote, pull the plastic insulator strip out from between the remote casing and battery cover

### Initialization/Reprogramming

Follow these steps for remote control initialization if required:

1. Set the 3-Position 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.

## Operation

**! 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 and receiver.

### Battery Replacement

- ① Slide battery cover open on the remote control (Figure 3).
- ② Correctly install one 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.

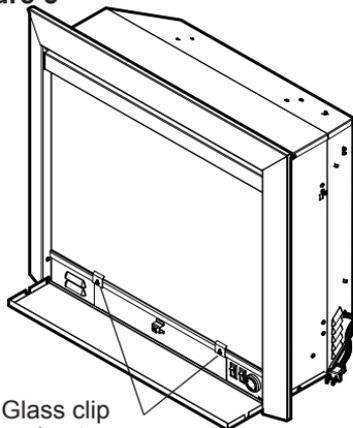


## Maintenance

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

**! NOTE:** The fireplace should not be operated with an accumulation of dust or dirt on or in the unit, as this can cause a build up of heat and eventual damage. For this reason the heater must be inspected regularly, depending upon conditions and at least at yearly intervals.

Figure 5



Glass clip  
and outer screw



## Maintenance

### Light Bulb Replacement

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.

### Light Bulb Requirements

Quantity of two clear chandelier or candelabra bulbs with an E-12

(small) socket base, 60 Watt rating. Example: GE 60BC or Philips 60CTC. **Do not exceed 60 Watts per bulb.**

### Replacement:

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

1. Remove the front glass by removing the 2 outer screws holding the glass clips (Figure 5).
2. Remove the log grate by removing the 2 mounting screws (Figure 6).
3. Remove the log set by lifting

Figure 6

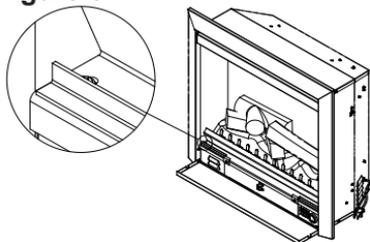
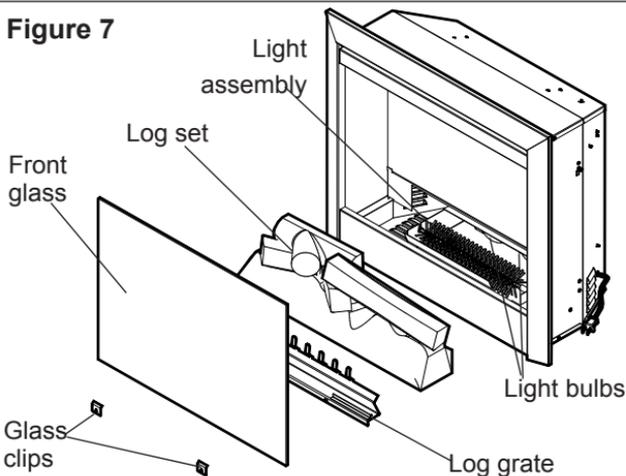


Figure 7





## Maintenance

- straight up (Figure 7).
- Slide the light assembly slightly out of the insert approximately 1 in..
  - Examine the bulb(s) to determine which bulb(s) require replacement.
  - Unscrew the bulbs counter clockwise.
  - Insert new bulbs.
  - Slide the light assembly back into the insert.
  - Replace the log set into the insert.
  - Reinstall the log grate.
  - Reinstall the front glass.

### 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.

### Servicing

Except for light bulb replacement and cleaning described above, an authorized service representative should perform any other servicing.

## 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 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



## Warranty

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 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
Cord Set . . . . .	4100090101RP
Front Glass . . . . .	5900380100RP
Partially Reflective Glass. . . . .	5900350100RP
Lampholder Assembly . . . . .	4200121000RP
Remote Control . . . . .	3000370500RP
Remote Control Receiver . . . . .	3000380200RP



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