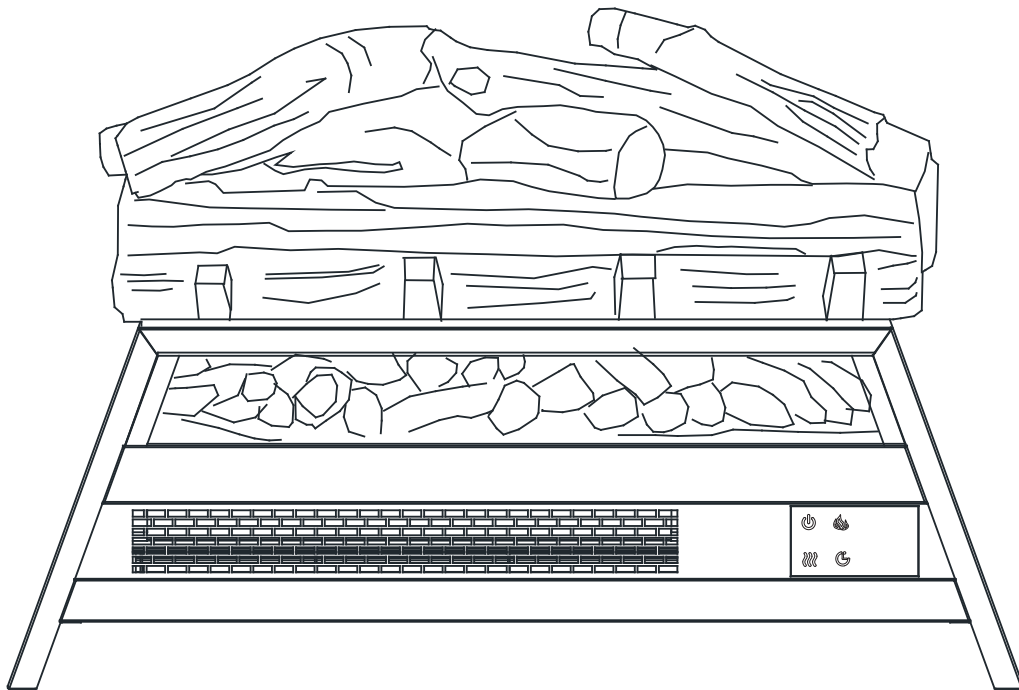


ELECTRIC LOG SET WITH HEATER OPERATING MANUAL



MODEL: KD100-23-1

CONSUMER SAFETY INFORMATION: PLEASE READ THIS MANUAL BEFORE INSTALLING AND OPERATING THIS APPLIANCE. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN A POSSIBLE ELECTRIC SHOCK, FIRE HAZARD, AND/OR INJURY AND WILL VOID THE WARRANTY.

WARNING: IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED, AN ELECTRIC SHOCK OR FIRE MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, OR LOSS OF LIFE.

THIS INSTRUCTION BOOKLET CONTAINS IMPORTANT SAFETY INFORMATION. PLEASE READ AND KEEP FOR FUTURE REFERENCE.

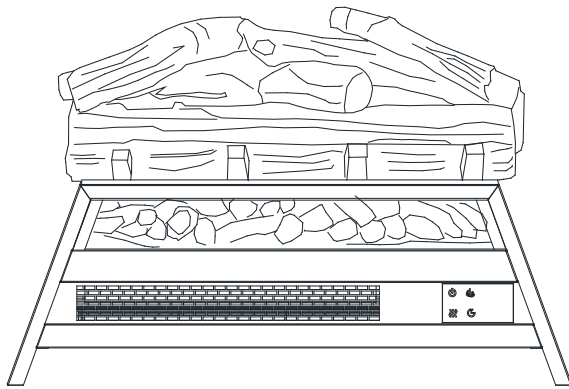
IMPORTANT INSTRUCTIONS

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

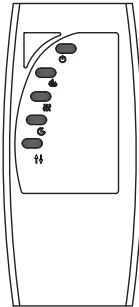
1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, curtains etc., at least 3 feet (0.9 m) from the front of the heater and keep 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 heater is left operating and unattended.
4. Do not operate any heater after it malfunctions. Disconnect power at service panel and have heater inspected by a reputable electrician before reusing.
5. Always unplug this appliance when not in use.
6. Do not operate any heater with a damaged cord or plug, after the appliance malfunctions, or if it has been dropped or damaged in any manner.
7. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
8. Any repairs to this fireplace should be carried out by a qualified service person.
9. Under no circumstances should this fireplace be modified. Parts having to be removed for servicing must be replaced prior to operating this fireplace again.
10. Do not use outdoors.
11. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate this appliance where it may fall into a bathtub or other water container.
12. 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.
13. To disconnect this appliance, turn controls to the off position, then remove plug from outlet.
14. Connect to properly grounded outlet only.
15. This appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the current CSA C22.1 Canadian Electrical Code or for USA installations, follow local codes and the National Electrical Code, ANSI/NFPA NO.70.
16. There is a protective thermostat limiter inside the heater. When the inner temperature overheats, the thermostat limiter will shut off the power supply to avoid the risk of fire damage to the appliance.
17. The heaters must not be located immediately below a socket-outlet.
18. 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 the appliance.
19. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where opening may become blocked.
20. This appliance has hot and arcing or sparking parts inside. Do not use where gasoline, paint, or flammable liquids are used or stored. This fireplace should not be used as a drying rack for clothing. Christmas stockings or decorations should not be hung around it.
21. Use this appliance only as described in the manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
22. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).

SAVE THESE INSTRUCTIONS

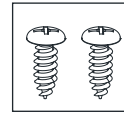
PACKAGE CONTENTS



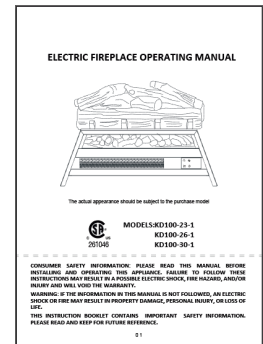
Heater



Remote Control



screws



Manual

ELECTRICAL SPECIFICATIONS

Voltage: 120VAC

Rating: 1500 Watts

Frequency: 60Hz

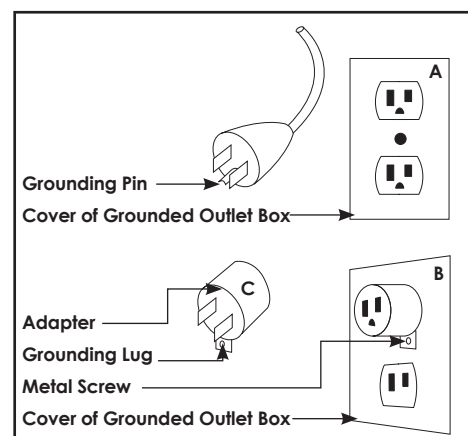
INSTALLATION INSTRUCTIONS

GROUNDING INSTRUCTIONS:

This heater is for use on 120 volts. The cord has a plug as shown at (A) in figure 1. An adapter as shown at (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.

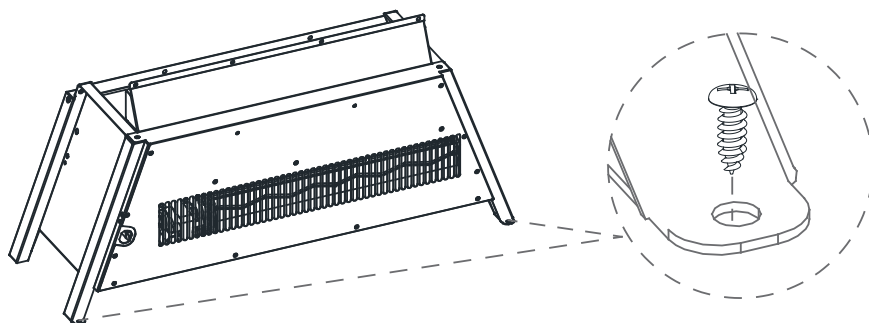
NOTE: Adapters are NOT for use in Canada.

Figure 1



Plan the installation of your new electric log set with heater to avoid the use of an extension cord, and ensure that you have clear access to a grounded electrical outlet. The unit appliance comes with a standard 6-ft. (1.8m) 3-wire cord exiting from the rear of the heater.

There are two screw holes on the two support feet at the back of the heater that can be used to secure the heater with the two screws provided.



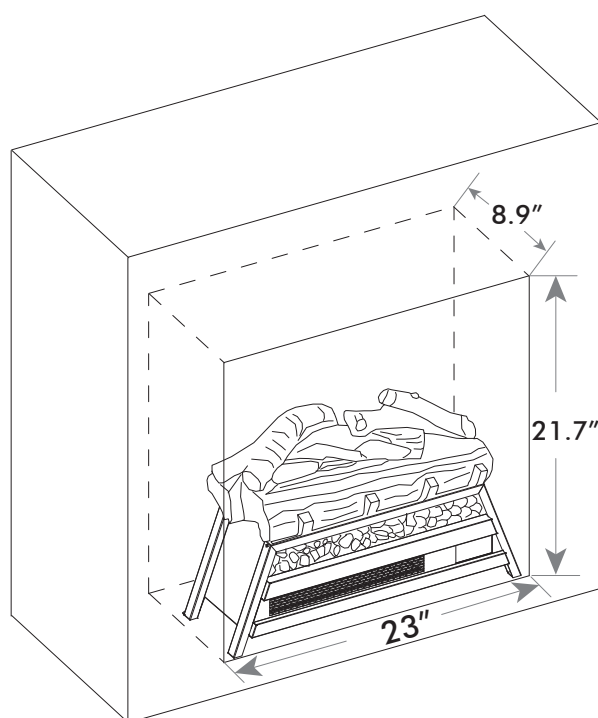
Your new electric log set with heater can be installed in several ways:

- Into an existing fireplace.
- On a solid floor up against a solid wall.
- Into any opening or enclosure that meets the clearances to combustibles listed below.

Note: For best effect, install unit in an area out of direct sunlight and about 1-3/8" (35mm) away from a wall.

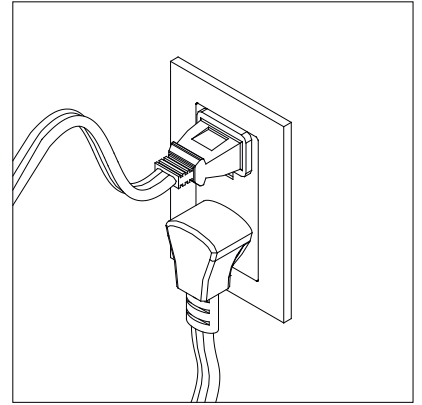
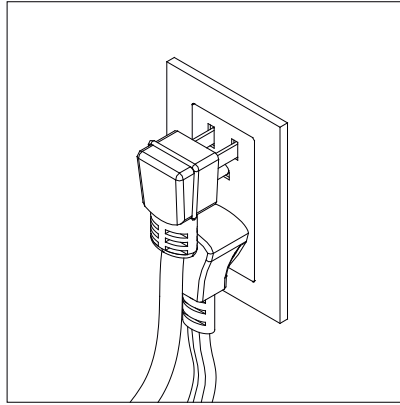
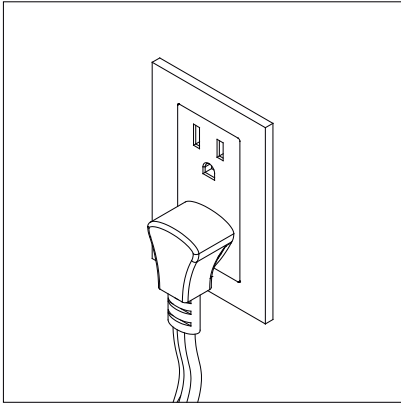
Warning: Do not install unit on carpeting, rugs, beds, blankets, pillows etc. Keep combustible materials such as furniture, bedding, papers, clothes and curtains at least 3 feet (914 mm) from the log set.

Minimum Enclosure Size

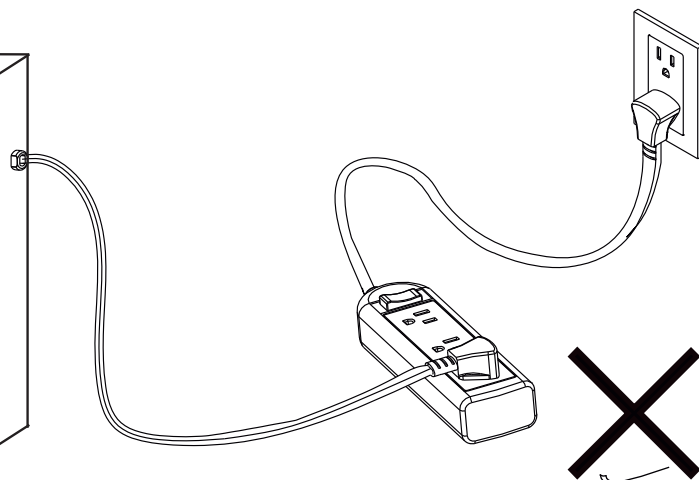
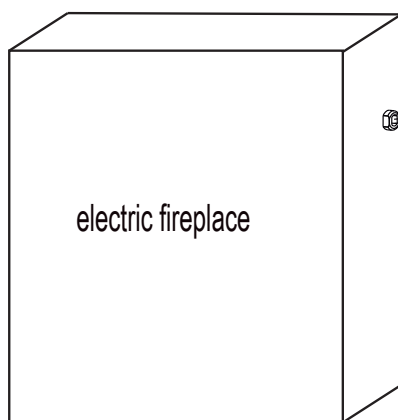




Do not share a socket with other appliances when using the electric fireplace. Please use a dedicated socket.

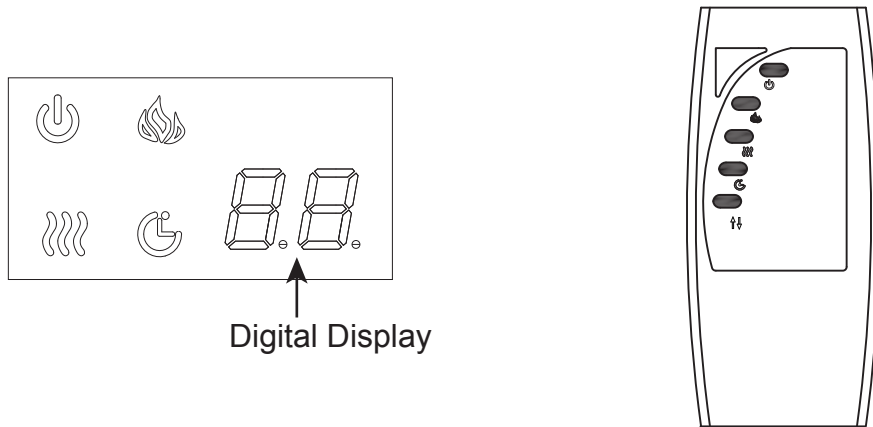


Never use with an extension cord or relocatable power tap (outlet / power strip).



OPERATING INSTRUCTIONS

On the right of the heater is the mechanical control panel. This panel contains the buttons to properly operate the electric fireplace. The functions of buttons on the remote control are the same as the control panel. The remote control has an effective range of up to 19 ft..



POWER

The POWER button turns the appliance on or off. It has a memory function, the button turns off all functions at once but retains the settings in the memory (except timer). By pressing the button again, the unit will turn on at the same settings. If the TIMER has set and the time has expired all functions will stop. Press the POWER button start the appliance.

FLAME

The FLAME button is used to turn flames ON, to alter the flame brightness and to turn flames OFF. There are 4 brightness levels (L4- L3-L2-L1) and an off position you can cycle through. Each time the FLAME button is pressed, the intensity of the flame decrease.

While 'L4-L1' is displayed, press INCREASE/DECREASE button to change the speed of the flames by cycling through three levels: Slow(1), Medium(2), Fast(3).

HEATER

The HEATER button is used to turn the heater on and off. Pressing the heater button once turns the heater on. Pressing the HEATER button a second time within 10 seconds will turn the heater off. When the heater is turned off, the quartz tubes will stop working first, and then the blower will stop after 60 seconds.

When the heater is on, press the INCREASE/DECREASE button to change the desired temperature. There are 11 temperature settings: 82 °F -ON - 64 °F - 66 °F - 68 °F -70 °F -72 °F -74 °F -76 °F -78 °F -80 °F (27 °C -ON - 18 °C -19 °C - 20 °C -21 °C -22 °C -23 °C - 24 °C -25 °C -26 °C). ON means the heater keep working.

Temperature Unit Convert Function: The heater includes Celsius and Fahrenheit temperature scales. To change the temperature unit, turn the heater on, and then press and hold the Power Button for 5 seconds. The current temperature unit display will flash 3 times and convert to the other temperature unit. Note: The remote control cannot convert the temperature units.

Lock and Unlock Heater Function: Press and hold the heater button for 10 seconds. The ember bed will flash 6 times, indicating that the heater function is locked. To unlock the heater function, press and hold the heater button for 10 seconds. The ember bed will flash 6 times, indicating the heater function is unlocked. Note: The remote cannot set the lock and unlock heater function.

TIMER

The timer has adjustable settings from 1 hour to 9 hours and OFF. These are shown as: 1h-2h-3h-4h-5h-6h-7h-8h-9h-OFF. If the digital display turns on and no timer setting is chosen within 10 seconds, the digital display will shut off automatically. Once you set the timer and the timer is up, the unit will close all functions and enter standby mode. In this mode, you will need to press the power button to restart the appliance.

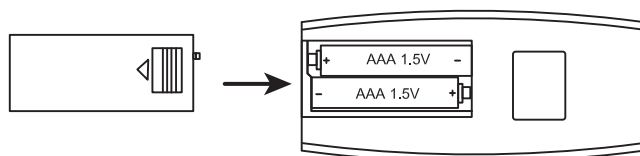
INCREASE/DECREASE

This button is used to adjust levels for the flame speed and change the desired temperature. See relevant section for more details.

BATTERIES REPLACEMENT

NOTE:

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon zinc), or rechargeable (nicad, nimh, etc.) batteries.
- Do not ingest batteries.



CAUTION:

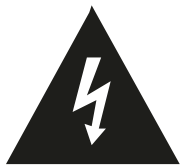
- Always purchase the correct size and grade of battery most suitable for the intended use.
- Replace all batteries of a set at the same time.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard to polarity (+ and -).
- Remove batteries from equipment which is not to be used for an extended period of time.
- Remove used batteries promptly

MAINTENANCE

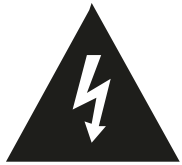
Clean the metal trim using a soft cloth, slightly dampened with citrus oil based product and buff with a clean soft cloth.

DO NOT use brass polish or household cleaners as these products will damage the metal trim. Citrus oil based products can be obtained at supermarkets or hardware stores.

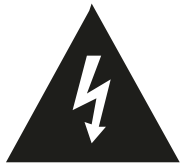
The motors used on the fan and the flame generator assembly are pre-lubricated for extended bearing life and require no further lubrication. However, periodic cleaning/vacuuming of the fan/heater unit is recommended. Make sure the unit is turn OFF and unplugged whenever you are cleaning the heater of fireplace.



WARNING: Make sure the power is turned off before proceeding. Any electrical repairs or rewiring of this unit should be carried out by a licensed electrician in accordance with national and local codes. If repairing or replacing any electrical component or wiring, the original wire routing, color coding and securing locations must be followed.



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



WARNING: Do not use this fireplace if any part of it has been under water. Immediately call a qualified service technician to inspect the fireplace and replace any part of the electrical system.



WARNING: Disconnect the power before attempting any maintenance or cleaning to reduce the risk of fire, electrical shock or personal injury.



WARNING: During any service of this appliance, the power to the unit must be turned off. Always remember to remove the electrical plug from the wall outlet.



WARNING: When the heater is not in use, the heater should be stored in a dry location, away from possible damage. The power cord should be stored properly to avoid contact with hot or sharp objects.

FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

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

TROUBLESHOOTING

Fault code	Fault Cause	Solution
E1	Heater is overheating	Contact customer service
E3	Heater is not working	Turn the unit off and unplug it from the electrical outlet. Check for dirty or clogged vents. Clean the dust and debris from the vent area. Wait 5 minutes, plug in the fireplace, and then turn it back on. If the heater still doesn't work, contact customer service.

1 YEAR LIMITED WARRANTY

Our electrical fireplace is free from manufacturing and material defects for a period of one year from date of purchase, subject to the following conditions and limitations.

1. This electric fireplace must be installed and operated at all times in accordance with the installation and operating instructions furnished with the product. Any unauthorized repair, alteration, willful abuse, accident, or misuse of the product shall nullify this warranty.
2. This warranty is non-transferable, and is made to the original owner, provided that the purchase was made through an authorized supplier of the company.
3. The warranty is limited to the repair or replacement of parts found to be defective in material or workmanship, provided that such part(s) has(have) been subjected to normal conditions of use and service, after said defect is confirmed by the Company's inspection.
4. The Company may, at its discretion, fully discharge all obligation with respect to this warranty by refunding the wholesale price of the defective part(s).
5. Any installation, labor, construction, transportation, or other related costs/expenses arising from defective part(s), repair, replacement, or otherwise of same, will not be covered by this warranty, nor shall the Company assume responsibility for same.
6. The owner/user assumes all other risks, if any, including the risk of any direct, indirect or consequential loss or damage arising out of the use, or inability to use the product, except as provided by law.
7. All other warranties - expressed or implied - with respect to the product, its components and accessories, or any obligation/liabilities on the part of the Company are hereby expressly included.
8. The Company neither assumes, nor authorizes any third party to assume, on its behalf, any other liabilities with respect to the sale of our product.
9. The warranties as outlined within this document do not apply to 3rd party accessories used in conjunction with the installation of this product.

This warranty is void if:

- a. The fireplace is subjected to prolonged periods of dampness or condensation.
- b. Any unauthorized alteration, willful abuse, accident, or misuse of the product.
- c. You do not have the original receipt of purchase.

Made in China
Printed in China