



Mojave  
Sun **IR**™

# Infrared Heating System

Owner's Manual

Model #: 60411

**READ & SAVE These Instructions**

Carefully read and review before attempting to assemble, install, operate or maintain this product. Observe all safety instructions and information. **FAILURE TO FOLLOW WARNINGS & OPERATIONAL INSTRUCTIONS CONTAINED IN THIS MANUAL CAN RESULT IN SEVERE PROPERTY DAMAGE AND/OR PERSONAL INJURY.**

\*\*\*\* For Residential Use Only \*\*\*\*

**\*\*\* Important Notice \*\*\***

**Do not return to place of purchase!!**

Please contact our Toll Free Hotline:  
**(866) 985-7877**  
for customer service & warranty issues



**SAVE THESE INSTRUCTIONS !!**

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Well Traveled Living  
Amelia Island, FL 32034

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## Safety Guidelines

Read this manual carefully for guidance on the assembly and use of this product.

### DANGER

Indicates a potentially hazardous situation which, if not avoided, WILL result in serious injury or death.

### WARNING

Indicates a potentially hazardous situation, if not avoided, COULD result in serious injury or death.

### CAUTION

Indicates a potentially hazardous situation which, if not avoided, MAY cause moderate injury or damage to the equipment.

### NOTICE:

Indicated important information that if not followed, may cause damage to the equipment.

### DANGER

1



**Risk of Fire.** There is always a risk of fire when working with a heater. Keep heater away from flammable liquids and materials.



2. **Risk of Fire.** If falls over this unit might start a fire. Follow instructions above and also for further prevention keep this unit at least 3 feet (.9m) away from everything.



3. **Hot or Burn Hazard.** This unit may be extremely hot while in use. Careful when handling especially around the head of the unit.



4. **Electrical Hazard.** Disconnect from electrical outlet before working on the unit to avoid chance of electrical shock.



5. **Electric Shock.** Do not use near water. Do not use if cord has been damaged.

### CAUTION

- Improper treatment of the heater can damage it and also shorten its life span.
- To prevent electrical shock, ensure electrical plug is properly inserted into the electrical outlet.

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## Product Components & Parts List

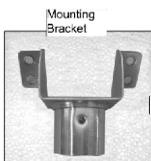
***This appliance MUST be grounded.***

- \* When using outdoors, we recommend using a certified GFI (Ground Fault Interrupt) outlet to protect against electrical shock.
- \* All installation must be in accordance with I.E.E. safety regulations or equivalent.
- \* Do not place any objects such as furniture, papers, clothing or curtains closer than 3 ft to the front and the side of the heater.



### PARTS LIST

- 1 - IR Head Unit w/ Protective Shield
  - Pre-installed safety shut off, tilt switch
  - Preassembled aluminum main heating unit w/1500W quartz halogen lamp, swivel bracket & 12 ft., 16/3 grounded electrical cord.
- 2 - Mounting Bracket - Head unit to telescopic stand
- 3 - Curved Upper Arm - tubular stainless steel
- 4 - Inner support tube section for telescopic body
- 5 - Telescopic Body - Stainless steel, adjustable, 2 sections with 2 easy release clamp collars.
- 6 - Support Collar/Flange for Telescopic Body - Stainless steel
- 7 - Base Assembly w/ Wheels - Cast iron
- 8 - Hardware - 20 threaded bolts/screws, phillips pan head.

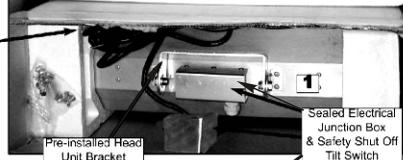


Mounting Bracket



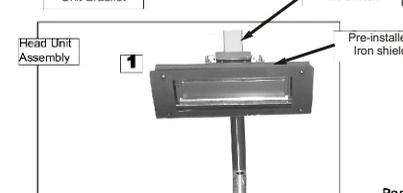
Base & Wheel assembly with support collar/flange

Pre-installed, 16/3 grounded electrical cord



Pre-installed Head Unit Bracket

Sealed Electrical Junction Box & Safety Shut Off Tilt Switch



Head Unit Assembly

Pre-installed Iron shield

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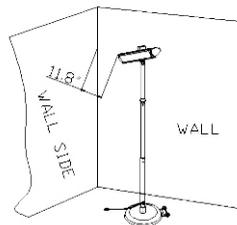
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## Important Instructions

1. Read all instructions before using this heater.
2. This heater will get very hot while in use .To avoid burning, do not let bare skin touch hot surface. Keep flammable materials, such as furniture, pillows, bedding, papers, cloths and curtains at least 3 feet from the heater.
3. DO NOT LEAVE heater unattended. Extreme caution is necessary when any heater is used by, or near ,children or disabled persons, and whenever the heater is left operating and unattended.
4. Always unplug heater when not in use.
5. Do not operate any heater with a damaged cord or plug, if the heater malfunctions, or has been dropped or damaged in any manner. Return heater to authorized service facility for repairs.
6. Can be used indoors or outdoors. Operate at least 3 feet from people or objects
7. Never operate heater near water or where it can be knocked over.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
9. To disconnect heater ,remove plug from electrical outlet.
10. Connect to properly grounded outlets only.
11. Do not insert or allow foreign objects to enter ventilation or exhaust opening; doing so may cause an electrical shock or fire, or may damage the heater.
12. To Prevent a possible fire, do notblock air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed ,where openings may become blocked.
13. A heater has hot and sparking parts inside. Do not use it in area where gasoline, paint, or flammable liquids are used or stored.
14. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electrical shock or injury to persons.
15. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, use either a 12 or 14 gauge wire which is rated not less then 1900 watts. The recommended length for a 14 gauge wire is 0-50 feet. IF a longer cord is needed,use a 12 gauge wire no longer than 100 feet
16. SAVE THESE INSTRUCTIONS for future reference.
17. Please keep each side of the head unit at least 12 inches from the objects.[Please see the below illustration].



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## Assembly Instructions



### Step 1

Be sure to read and familiarize yourself with the overall assembly process and instructions in this manual before beginning. It may be helpful to have someone assist you with the assembly.

**Tools Required:** #2 or #3 Philips Screwdriver (or standard slotted screwdriver), and Adjustable Wrench.

Find a clean, level, preferably carpeted location to assemble your IR Heater. A flat piece of cardboard will work as well. Unpack and identify all components listed on page 3 of this manual and lay them out on the carpeted floor or cardboard piece.

### Step 2

Attach mounting bracket for head unit to curved upper arm using 4 threaded bolts. The bracket base will fit inside the upper arm. Securely tighten all bolts.

Note: **See Fig. 1** for proper orientation of bracket to upper arm. The bracket will only align properly to one correct end of the arm.

Beginning at the mounting bracket end, thread the entire electrical cord from the IR head unit & tilt switch component thru the curved upper arm. Attach head unit bracket to the mounting bracket using 4 threaded bolts. Apply all bolts loosely for easier alignment & positioning. Now attach tilt switch box to mounting bracket using 2 bolts. Check to make sure all components fit together properly, then tighten all bolts securely.

NOTE: Junction box and electrical cord coming out of the head unit & tilt switch MUST be facing downward when installed. **See Fig. 2** for proper position.

### Step 3

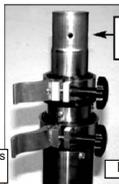
Attach support collar/flange to weighted base. Thread collar thru hole in base and hand tighten securely. **See Fig. 2A**

Base & Wheel assembly with support collar/flange



Fig. 2a

Lever Clamps & Knobs



Inner support tube positioned up thru telescopic pole

Fig. 3a

### Step 4

Slide inner support tube (end with rivets must be towards bottom) thru bottom of telescopic pole & up thru the top. Pull out upper release lever and loosen clamp knob to allow tube to pass thru the top section. **See Fig. 3**

Pull out second release lever and loosen clamp knob and slide both sections to their lowest position (about 1" from the top of each respective clamp collars). Do not allow sections to fall below the clamp collar. Tighten both clamp knobs and push in clamp levers to secure to secure both sections. **See Fig. 3a**

### Step 5

Carefully lift and position the telescopic body into the installed support collar/flange of the cast iron base. **See Fig. 4**. Align the holes and attach using 4 threaded bolts. Apply all 4 bolts loosely for easier alignment and positioning. Then tighten all bolts securely.

Mounting bracket & curved upper arm assembled in proper upright position.

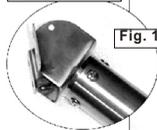
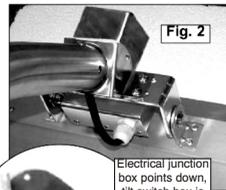


Fig. 1



Electrical junction box points down, tilt switch box is on top



Telescopic Pole

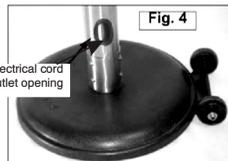
Fig. 3

Inner support tube

Rivets - bottom of inner support tube

Fig. 4

Electrical cord outlet opening



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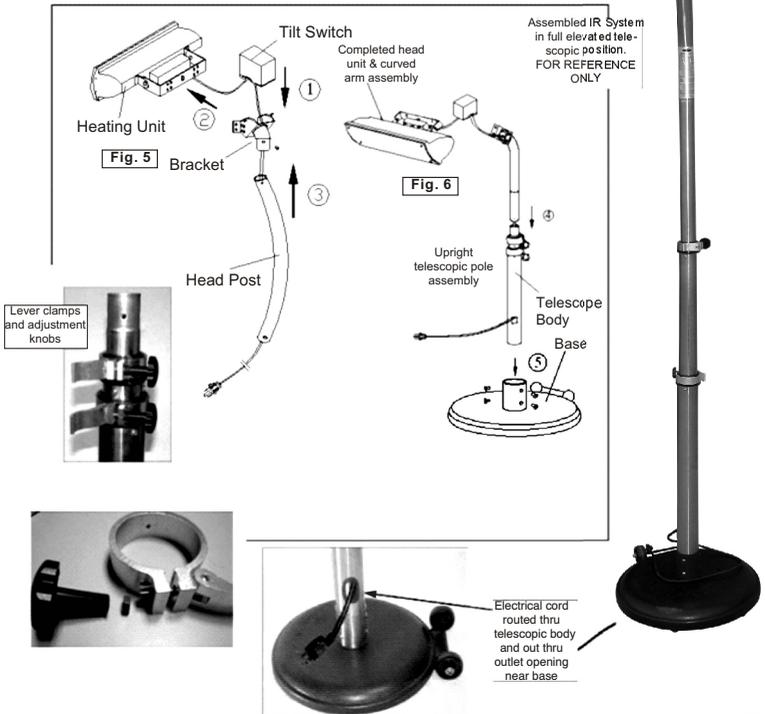
**Assembly  
Instructions**



**Step 6**

Carefully lift the completed head unit assembly from step 2 over the telescopic body and completely route the electrical cord down thru the top of the body and pull the end thru the large outlet opening at the base of the body. See Fig. 5.

Position the completed head unit assembly onto the upright telescopic body assembly. See Fig.6. The bottom end of upper curved arm from the assembly will fit over the smaller top tube of the telescopic body. Attach the headunit assembly & arm to the telescopic pole using 4 threaded bolts, tighten securely. Pull all slack from the electrical cord at the base of the telescopic body.



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## Operating Instructions



**This appliance MUST be grounded.**

\* When using outdoors, we recommend using a certified GFI (Ground Fault Interrupt) outlet to protect against electrical shock.

\* All installation must be in accordance with I.E.E. safety regulations or equivalent.

\* Avoid the use of an extension cord with this appliance, if one is used, **it MUST be at least a 14/3 wire, grounded cord, 50 ft max. length.**

\* Do not place any objects such as furniture, papers, clothing or curtains closer than 3 ft to the front and the sides of the heater.

\* **ALWAYS** unplug the IR heater unit when not in use.



**For optimal performance and safety concerns, we HIGHLY RECOMMEND that the Infrared Heating System be operated at a min. of 8'7" ht. Or the maximum extended length of the telescopic body sections.**

### To Adjust The IR Telescopic Body:

Pull up on release levers of tightening clamps and adjust tension using the black knobs. Raise and lower the telescopic sections and/or swivel to desired position and then push in clamp levers to secure. Do NOT over tighten tension knobs. There should only be a moderate amount of tension to maintain the telescopic position of your heater.

**Note: Be sure to adjust the slack as needed on the electrical cord when raising or lowering telescopic body.**



Lever clamps and adjustment knobs

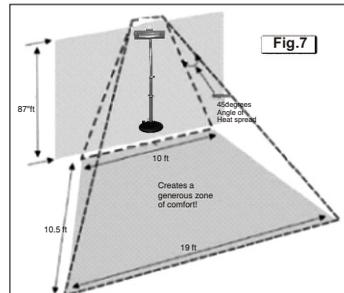
### Step 1

Before turning on your Infrared Heating System, extend all 3 telescopic sections to their maximum extended length. Release clamp levers and pull up on each of the sectional steel tubes until each tube stops. Then push in clamp levers to secure sections in place. Adjust the tension knobs as needed to maintain height position.

Refer to coverage area in **Fig. 7** for best positioning location.

**Place the infrared heater on FLAT, LEVEL surface only.**

Move and position the electrical cord so it is not a trip hazard and not exposed to water or moisture.



### Step 2

The infrared electric heating system comes equipped with a heavy duty, 16/3 gauge wire and grounded plug. This appliance must be used with an outlet that has been installed and grounded in accordance with all local codes and ordinances. Make sure that the heater is connected to an outlet having the same configuration as the plug shown in **Fig. 8** Do NOT use an adapter with this product. Check with a licensed electrician if the grounding instructions are not understood completely or if the wall outlet does not match the plug.



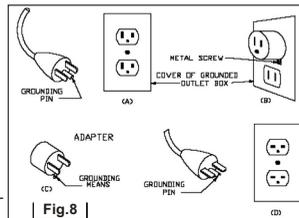
### Step 3 Always UNPLUG unit when not in use!

Your infrared electric heating system is ready to enjoy Plug the appliance in and beginning enjoying the warmth!

**Safety Tilt Switch Mechanism:** This unit has a built in shut off system. Power will shut off automatically should the unit be accidentally knocked over or tilted past 15 degrees. To reset, unplug unit from wall outlet, reposition on flat level surface and plug in again.

### Grounding instructions

The instruction manual of grounded heaters shall include the following or equivalent wording: (In the case of a heater rated for a nominal 120 volts.) This heater is for use on 120 volts. The cord has a plug as shown at **A** in **Fig. 8**. An adapter as shown at **C** is available for connecting three-blade grounding-type plugs to two-slot receptacles. The 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.



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## Maintenance & Storage



### Specifications

Model:	60411
Voltage:	110-125 volts
Amps:	13.0 amps
Wattage:	1500 watts
Lamp Type:	Quartz Halogen
Min. Operational Height:	7.3ft. 2" (87")
Weight:	45lbs.
Head Unit Dimensions:	18.7" x 9" x 9.8"
Complete Assembled Dimensions:	22" base, 82" ht.

### Storage

#### **Always UNPLUG unit when not in use!**

- \* Always cover the head unit with the outdoor vinyl cover included with your heater when not in use. Be sure to allow the heater to cool down before covering.
  - \* When not in use for extended periods of time, store under a covered location that is dry, out of water, safe and out of the way of people & pets that might accidentally knock over or damage the appliance.
    - Make sure the electrical cord is coiled and out of the way.
  - \* **When storing, ALWAYS reduce the telescopic pole to it's lowest level.** This will make it easier to store and reduce the risk of an accidental knock over.
- Note: It is not necessary to remove any of the components or parts when storing this unit.



### Maintenance

Your infrared heating system is virtually maintenance free! A few minutes to wipe down exposed surfaces is all it takes.

- \* **Head Unit & glass plate** - Use any non-abrasive cleaner and soft cloth to wipe off debris and dirt from the exposed surfaces of the glass plate and outer body of the heat unit and glass plate. NEVER spray any liquids or cleaners into the housing area where the halogen lamp is located. Do not try to disassemble or clean the inner cavity where the halogen lamp is located.
  - Note: For any maintenance on the head unit, please call the toll free customer service hotline.
- \* **Telescopic Pole & Curved Arm Components** - These are all made from stainless steel materials and can easily be wiped clean using any non-abrasive cleaners and a soft cloth.
- \* **Cast Iron Base w/Wheel Assembly** - Use non-abrasive cleaners and a soft cloth. Any scratches, chips or rust spots can be touched up using an exterior matte finish, black paint.

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## Halogen Lamp Replacement



Contact toll free customer service hotline to order approved replacement lamps and parts.

**NOTE: DO NOT touch the new halogen lamp with your bare fingers. Oils from your hand could reduce the life of the lamp by causing a heat spot. Recommend using clean cotton or plastic gloves. A clean paper towel may also work.**



**Make sure heater is DISCONNECTED from electrical outlet BEFORE beginning**

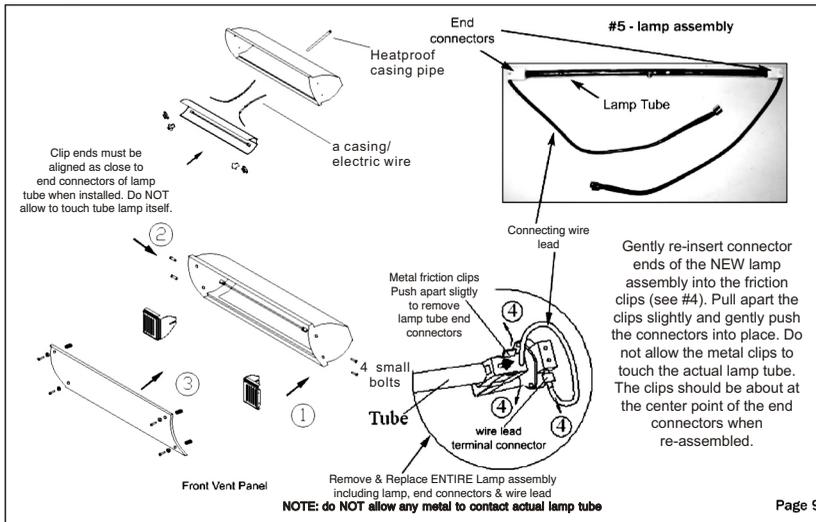


**Use ONLY approved, original equipment replacement quartz halogen lamps to insure safe, proper and maximum output operation of your infrared heater!**

**Quartz Halogen Lamp Replacement:**

- \* Be sure unit is unplugged from wall outlet!
  - \* Remove head unit assembly from telescopic pole stand (refer to step 6 for reference)
  - \* Remove 2 screws from each end of the head unit as shown in the figure as step 1 and 2
  - \* Remove 4 bolts from the front glass plate as shown in step 3
  - \* Pull out & remove the left & right, front air vent panels and protective glass plate. (see #3)
    - Note position of end clips on vent panel. They must be aligned as close to end connectors of lamp tube as possible when re-assembled. Pull out and/or pushed into place.
  - \* Gently pull out entire old lamp assembly from the clips at the terminal connection ends. (see #4 & #5). Slide and lift the connection ends out from the friction clips by gently pushing apart the clips. Unscrew wire leads from terminal. Remove entire old lamp assembly.
  - \* Gently re-insert connection ends of the NEW lamp assembly into the friction clips (see #4). Pull apart the clips slightly and gently push the connectors into place. Do not allow the metal clips to touch the actual lamp tube. The clips should be about at the center point of the end connectors.
  - \* Reconnect the wire leads to terminal connectors Re-insert vent panels by gently pushing the end clips into housing body, align clip ends close to lamp end connectors and push into place. Insert the 2 screws in each end of the head unit (#1 and #2)
- Replace front glass plate. For best results, insert the 2 bolts for the top of the glass plate first, then insert the 2 bolts for the bottom of the glass plate Do not tighten until all four bolts are inserted

**Do NOT over tighten a gap between the glass and steel housing in necessary for heat venting**



Gently re-insert connector ends of the NEW lamp assembly into the friction clips (see #4). Pull apart the clips slightly and gently push the connectors into place. Do not allow the metal clips to touch the actual lamp tube. The clips should be about at the center point of the end connectors when re-assembled.

## Trouble Shooting

Problem	Solution
Unit fails to turn on.	Check electrical plug connection at wall outlet for complete, snug fit. Check GFI circuit, reset breaker if necessary Possibly connected to wall switch that is in off position Damaged halogen lamp, call customer service hotline
Telescopic pole slips down Telescopic pole is unsteady Telescopic pole will NOT adjust up or down	Reset safety "tilt switch" shut off mechanism. Unplug unit from wall outlet, re-position unit on level surface and plug in again.  Tighten black tension knobs on clamp collars. Tighten screws on support collar at support base. Electrical cord may be bunched. Gently pull end of cord taught to remove any kinks or bunching.
Head unit is loose or unsteady Head unit is hard to adjust	Tighten screws on curved upper arm mounting bracket Loosen connecting bolts/nuts at adjustment bracket
Smoke appears from head unit	Unplug IMMEDIATELY & call customer service hotline
Weak light output from halogen lamp	Life span of lamp has been reached or damaged lamp Call customer service hotline for assistance.

Distributed By:  
Well Traveled Living  
716 S 8<sup>th</sup> Street  
Amelia Island, FL 32034  
Toll Free: 866-WTL-SUPP



Web: [www.welltraveled.com](http://www.welltraveled.com)  
Email: [cservice@welltraveled.net](mailto:cservice@welltraveled.net)

### 1 YEAR LIMITED WARRANTY – Customers In the Continental US

All components are warranted for a period of 1 year after date of purchase by the original owner against defects in materials and workmanship under normal use. This warranty does NOT cover normal wear and weathering, assembly and/or maintenance OR use in a commercial application. At Well Traveled Living's sole discretion, products under warranty will be repaired and/or replaced at no charge to the customer. Any returns sent back to Well Traveled Living must be sent via prepaid freight and in the original retail packaging.

For warranty service contact Well Traveled Living at the address, phone numbers or internet site and email listed in this owner's manual. Be sure to have your sales receipt, date of purchase and catalogue/model numbers available when calling. All warranty service will be coordinated by the Well Traveled Living's Amelia Island, Florida service center.

This warranty is extended only to the original purchaser. Proof of purchase will be required before warranty service is rendered. The sales receipt is the only valid proof of purchase. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. Failures and/or damage which result from accident, negligence, misuse, abuse, neglect, mishandling, alteration or modification, failure to maintain, improper assembly or maintenance, service by unauthorized agency or use of unauthorized components or damage that is attributable to acts of God are NOT covered.

\*\*\*THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE\*\*\*

\*\*\*PURCHASER ASSUMES ALL RISKS IN THE ASSEMBLY AND OPERATION OF THIS UNIT\*\*\*

\*\*\*FAILURE TO FOLLOW WARNINGS AND OPERATIONAL INSTRUCTIONS CONTAINED IN THIS MANUAL CAN RESULT IN SEVERE PROPERTY DAMAGE AND/OR PERSONAL INJURY\*\*\*

IN NO EVENT WILL WELL TRAVELED LIVING, 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 WELL TRAVELED LIVING 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 WELL TRAVELED LIVING, 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.

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 Sales of Goods shall not apply to this limited warranty or the sale of products covered by this limited warranty.

### \*\*\*IMPORTANT NOTICE\*\*\*

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(866)-985-7877 OR  
Email: [cservice@welltraveled.net](mailto:cservice@welltraveled.net)

Customer Service Hours: Mon. – Fri. 9:00 a.m. – 6:00 p.m. (EST)

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