



Mojave
Sun **IR**™

Infrared Heating System

Owner's Manual

Model #:02678

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 !!

Another lifestyle enhancing product from...



Web: www.wtliving.com
Email: cservice@welltraveled.net



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

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

▲ DANGER

-  Risk of Fire. There is always a risk of fire when working with a heater. Keep heater away from flammable liquids and materials.
-  Risk of Fire. If this unit falls over, it could start a fire. Follow instructions above and also for further prevention, keep this unit at least 3 feet away from everything.
-  Hot or Burn Hazard. This unit may be extremely hot while in use. Be careful when handling, especially around the head of the unit.
-  Electrical Hazard. Disconnect from electrical outlet before working on the unit to avoid chance of electrical shock.
-  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 Installations must be in accordance with I.E.E. safety regulations or equivalent.
- * Avoid the use of an extension cord with this appliance.
- * Do not place any objects such as furniture, papers, clothing or curtains closer than 3 ft to the front and sides of the heater.

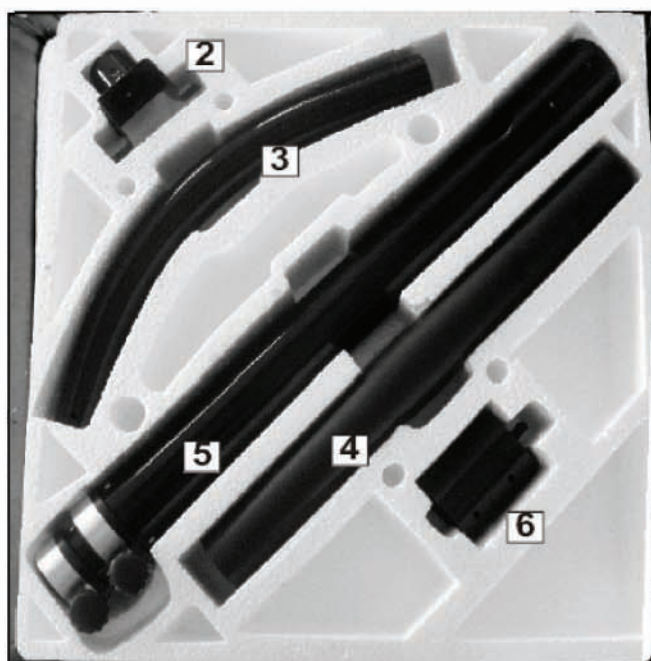


PARTS LIST

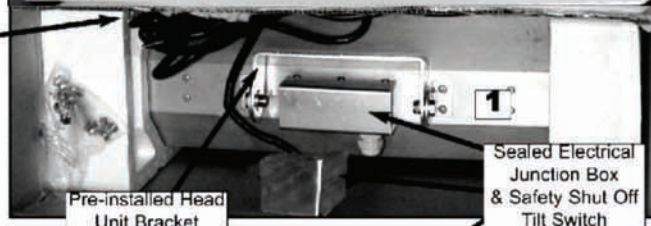
- 1 - IR Head Unit w/ Protective Steel with powder coated
- Pre-installed safety shut off, tilt switch
- Preassembled aluminum main heating unit
w/1500W quartz halogen lamp, swivel bracket
& 12 ft., 16/3 grounded electrical cord.
- 2 - Mounting Bracket - Head unit to telescopic stand
- 3 - Curved Upper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



Base & Wheel
assembly with
support
collar/flange



Pre-installed, 16/3
grounded electrical
cord



Sealed Electrical
Junction Box
& Safety Shut Off
Tilt Switch



Pre-installed
aluminum shield

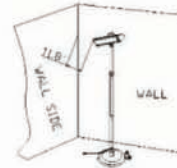
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Important Instructions

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 surfaces. Keep flammable materials, such as furniture, pillows, bedding, paper, 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 not block 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 areas 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 than 1900 watts. The recommended length for a 14 gauge wire is 0-50 feet, but 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 all objects (see illustration below):



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Assembly Instructions

FireSense

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

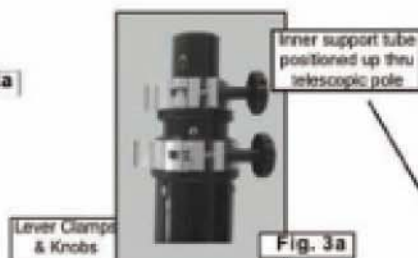


Fig. 3a

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 both sections

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

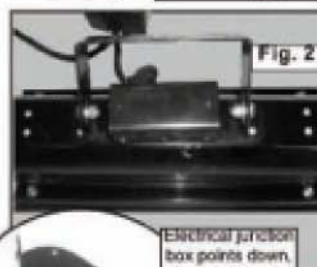


Fig. 2

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



Fig. 3

Telescopic Pole

Inner support tube

Rivets - bottom of inner support tube

Electrical cord outlet opening



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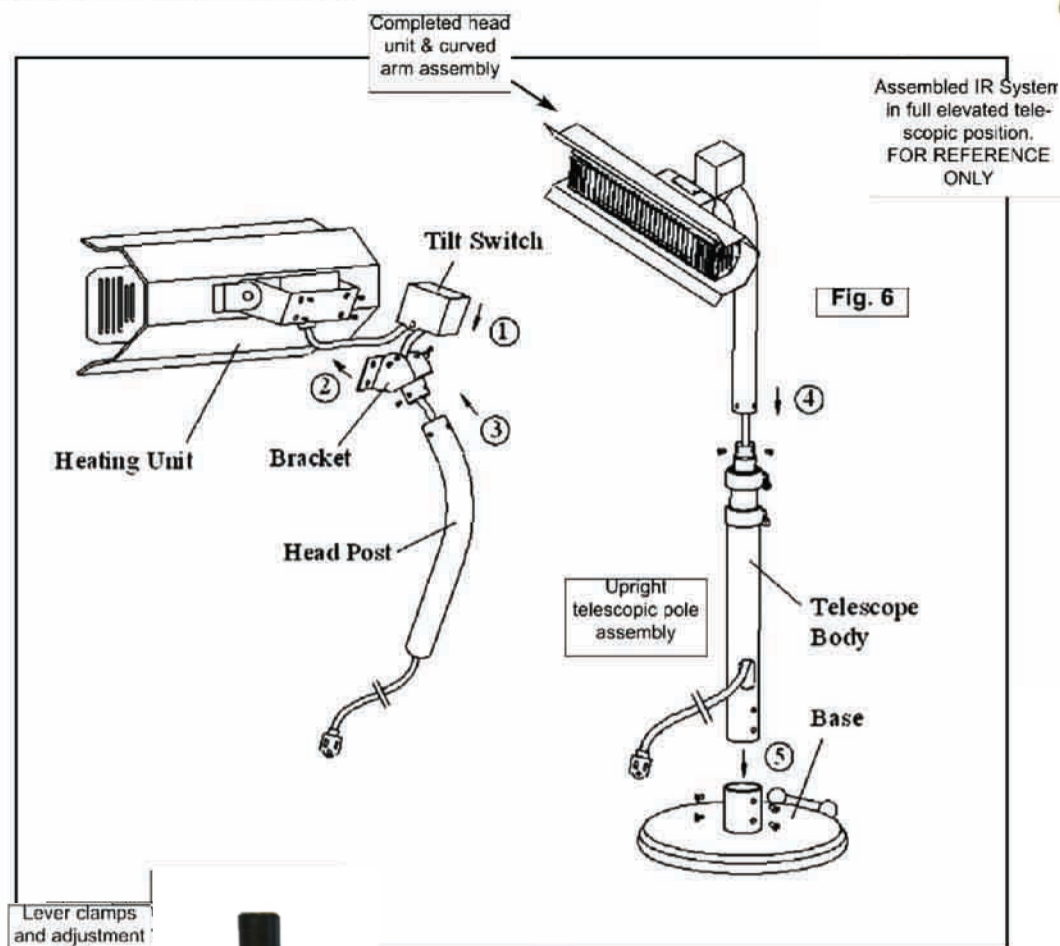


Step 6

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 head unit assembly & arm to the telescopic pole using 1 threaded bolts, tighten securely. Pull all slack from the electrical cord at the base of the telescopic body.



Lever clamps
and adjustment
knobs



Electrical cord
routed thru
telescopic body
and out thru
outlet opening
near base



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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 Installations 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, 50ft max. length.**
- * Do not place any objects such as furniture, papers, clothing or curtains closer than 3 ft to the front and 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 98" 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.

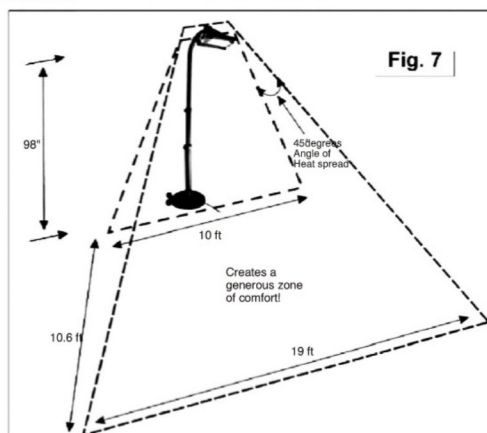


Fig. 7

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.

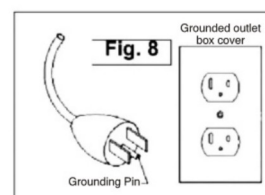


Fig. 8

Step 3

Always UNPLUG unit when not in use!

Your Mojave Sun, infrared electric heating system is ready to enjoy. Plug the appliance in and begin 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 a flat level surface and plug in again.



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Maintenance & Storage



Specifications

Model:	02678
Voltage:	120 volts
Amps:	13.0 amps
Wattage:	1500 watts
Lamp Type:	Quartz Halogen
Min. Operational Height:	8ft. 2" (98")
Weight:	53lbs.
Head Unit Dimensions:	4.5" x 7" x 22"
Complete Assembled Dimensions:	18" base, 98" 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 its 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 & Shield – Use any non-abrasive cleaner and soft cloth to wipe off debris and dirt from the exposed surfaces of the shield and outer body of the head unit and outer grill. 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 powder coat steel materials and can easily be wiped clean using any non-abrasive cleaners and a soft cloth.
- * 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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Contact toll free customer service hotline to order approved replacement lamps and parts.

Halogen Lamp Replacement



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. We recommend using clean cotton or plastic gloves. A clean paper towel may also work.

Quartz Halogen Lamp Replacement:

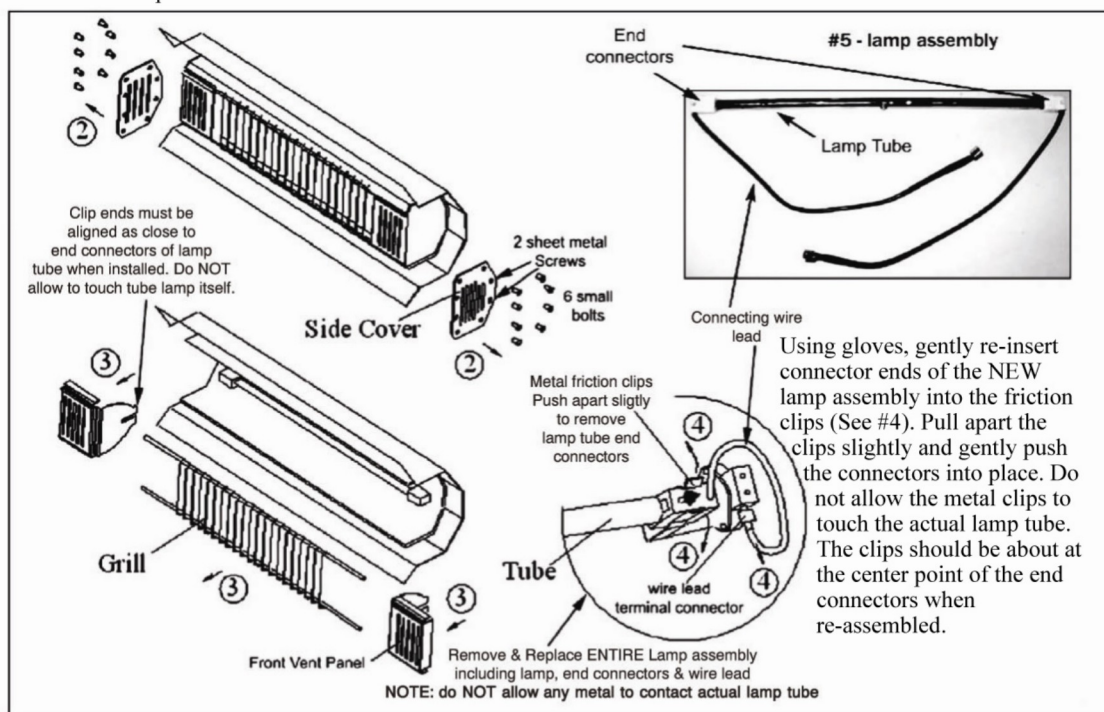
- * Be sure unit is unplugged from wall outlet!
- * Remove head unit assembly from telescopic pole stand (refer to step 6 for reference)
- * Remove 8 screws from each end of the head unit and pull off end plates (See #2)
 - Note the placement of the 2 small sheet metal screws on each end plate.
 - Also note end plate side with beveled holes faces outward when re-assembled.
- * Pull out & remove the left & right front air vent panels and protective wire grill (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 push into place.
 - DO NOT allow any metal parts to touch the actual lamp tube when re-assembled.**
- * 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.
- * Using gloves, 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.
- * Re-install safety grill (fits along grooves in housing body). Then 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. Now re-attach end plates and make sure side with beveled holes faces out.



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!



Trouble Shooting

Problem Unit fails to turn on.	Solution 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 taut 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 8th Street
Amelia Island, FL 32034
Toll Free: 866-WTL-SUPP



Web: www.wtliving.com

Email: 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 number 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 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. Failure and/or damages 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

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