

This is your Thermal Guardian® **5 years** limited warranty. In the event that service resulting from a manufacturing defect is required during the first two years after the original purchase, your Thermal Guardian Model TOUCH TEMP, QUANTUM Heater will be fully repaired or replaced at our option, at no charge to the purchaser except for freight cost.

Warranty periods

Years 1-2 fully repaired or replaced.....No Charge
Years 3-5 prorated cost to replace.....65% of Manufacturer Suggested Retail Price

**We reserve the right of substitute materials or models of comparable or greater quality.*

WHAT SERVICE CAN I EXPECT? If there is a defect in manufacturing which requires service during the first two years after the original purchase, your Thermal Guardian Heater will be fully repaired or replaced at our option without charge except freight costs. There will be a period of additional warranty for three more years, this added period, will cover only 35% of retail suggested cost at time of return. Freight cost will be also charged.

HOW DO I GET SERVICE? Contact your Thermal Guardian dealer for prompt service, for warranty returns sufficient proof of date and place of purchase is required to validate any warranty service available. Trade name and manufacturing date must be intact to properly identify the unit as qualifying for warranty service. As it is necessary to keep your original sales receipt, it might be a good idea to keep a copy of your original sales slip or invoice with your installation and instruction manual.

WHAT DOES MY LIMITED WARRANTY COVER? The quality and pride that is crafted into every Thermal Guardian Waterbed Heater, enables us to offer to the original purchaser only, who uses this heater solely for home waterbed use, a limited five years warranty covering any manufacturing defect in workmanship or material. **(See warranty periods table above)**

HOW LONG IS THE WARRANTY PERIOD? The warranty coverage runs 5 years from the date of purchase. Repair or replacement of a component does not extend this warranty or begin a new warranty. **(See warranty periods table above)**

ARE THERE EXCLUSIONS? Yes, this limited warranty does not apply to any damage, caused by improper use, negligence, improper installation, acts of God or failures caused by extreme temperatures or unusual conditions.

THIS LIMITED WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT OF THE THERMAL GUARDIAN WATERBED HEATER AT OUR OPTION AND ANY DAMAGES DUE TO CONSEQUENTIAL LOSSES OF ANY NATURE ARE EXPRESSLY EXCLUDED.

We shall not be liable for consequential damages (any cost of repairing other property which is damaged through the use of this product) or incidental damages (loss of use, loss of time, miscellaneous charges or other damages).

IMPORTANT WARRANTY INFORMATION: This limited Warranty shall be void unless the waterbed heater is used in accordance with the instructions in our Instruction Manual and on the heater pad, and in conjunction with a confining frame and waterbed mattress of a correct size and safety liner capable of capturing the entire liquid contents of the mattress should a failure occur.

This prorated warranty is limited only to the original buyer from an authorized Thermal Guardian Dealer and is not transferable to subsequent owners of the product.

NO WARRANTIES, EXPRESS OR IMPLIED, ARE EXTENDED TO PERSONS WHO PURCHASE THE PRODUCT FROM OTHER THAN AUTHORIZED THERMAL GUARDIAN DEALERS.

ALL WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS ARE HEREBY EXCLUDED. ANY AND ALL IMPLIED WARRANTIES OTHER THAN THOSE WARRANTIES THAT MAY NOT BE EXCLUDED UNDER ANY APPLICABLE LAW ARE EXPRESSLY EXCLUDED. THIS IS THE EXCLUSIVE WARRANTY FOR THE THERMAL GUARDIAN AND ANY OTHER STATEMENTS OR EXPRESS OR IMPLIED WARRANTIES ARE EXPRESSLY DENIED.

YOU MAY HAVE OTHER RIGHTS: Some states do not allow the exclusion or limitation of incidental or consequential damages. This warranty gives you specific right and you may have other rights which vary from state to state. The duration of any applicable implied warranties shall not exceed in duration the terms of this limited warranty. Some states do not allow limitations on how long and implied warranty lasts, so the above limitation may not apply to you.

THIS LIMITED WARRANTY SUPERSEDES ANY OTHER WARRANTY PACKAGED OR
MADE AVAILABLE WITH THIS PRODUCT

IMPORTANT !

- PLEASE PAY CAREFUL ATTENTION TO THE FACT THAT FAILURE AND DAMAGE CAN EASILY OCCUR IF FOREIGN OBJECTS ON TOP OF OR UNDER THE HEATER AND BETWEEN THE HEATER AND MATTRESS IMPEDE THE TRANSFER OF HEAT FROM THE HEATER PAD TO THE MATTRESS OR IF THE HEATER IS PLUGGED IN AND OPERATING WHEN THE MATTRESS IS NOT COMPLETELY FULL.
- KEEP CONTROL UNPLUGGED FROM POWER OUTLET AND HEATER PAD UNTIL THE MATTRESS IS FILLED.
- UNPLUG THE HEATER BEFORE DRAINING.
- THE HEATER MUST BE ON A FLAT SMOOTH SUPPORTING SURFACE.

NEVER USE THE HEATER IN ANY APPLICATION WHERE A HUMAN BODY CAN TOUCH THE SURFACE OF THE HEATER BECAUSE OF IMPROPER MATTRESS SELECTION, UNDER FILLING, OBESITY OR ANY OTHER REASONS, PARAPLEGICS OR ANY OTHER PERSONS WITH SENSORY PROBLEMS SHOULD PAY PARTICULAR ATTENTION TO THIS SECTION, AS SHOULD PERSONS SELECTING PRODUCTS FOR PERSONS WITH THESE OR SIMILAR IMPAIRMENTS.

NO WARRANTY OR REPRESENTATION IS MADE FOR THE PRODUCT'S SUITABILITY FOR ANY PERSON'S MEDICAL CONDITION OR PROBLEM.

We know you will be pleased with your selection of your new Thermal Guardian Heater. Rest well and rest assured that you have selected the finest in heating system, which will afford years of sleeping comfort.

CERTIFIED TO THE
STANDARDS OF
UL-1445



Thermal Guardian Quantum Low Watt Solid
State Softside & Tube Waterbed Heater 3-1048-QLW



WARNING: Cancer & Reproductive Harm
- www.P65Warnings.ca.gov

PROTECTED WITH A THERMAL SAFETY FUSE AND AN OVERLIMIT THERMOSTAT

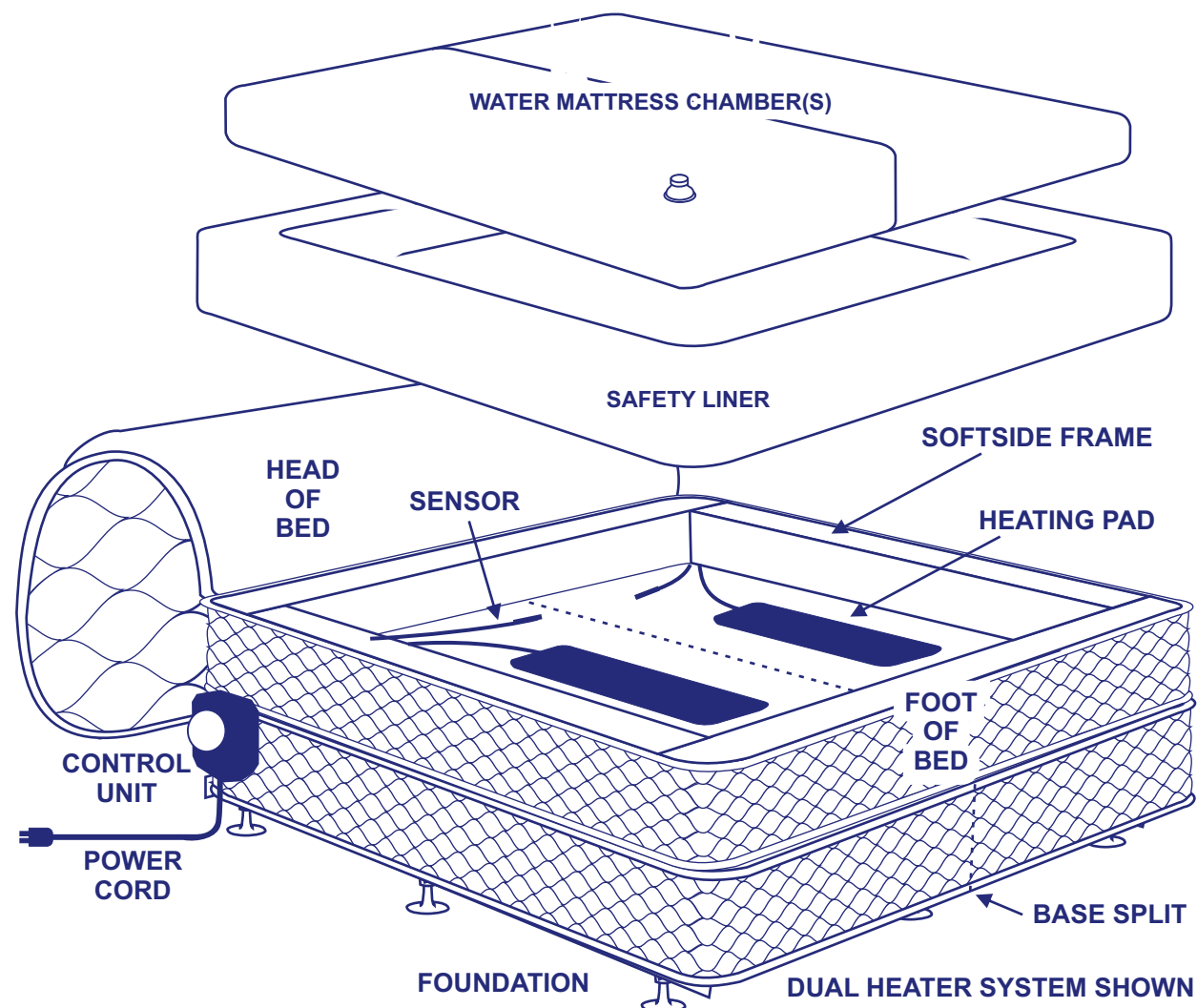
**Waterbed Heater For Tube Type and Softside Fluid Support
Sleep Systems with a Minimum Water Fill Level of 3 Inches**

WARRANTY & INSTALLATION INSTRUCTION MANUAL

CAUTION

DO NOT depress the waterbag in the area over the heater to the extent that the top surface of the mattress contacts the bottom. This may cause damage to the mattress and / or heater
DO NOT place heater pad over unfilled knotholes or on cracks in the base platform.
For use with minimum 3" fill softside flotation systems and tube type beds.
IF THESE OCCUR YOU WILL VOID THE WARRANTY !

SAVE THESE INSTRUCTIONS.



Installation Instructions for Thermal Guardian Models TOUCH TEMP, QUANTUM Waterbed Heaters

WARNING:

**DO NOT PLUG IN
POWER CORD UNTIL
MATTRESS IS
COMPLETELY FULL.**

**UNPLUG POWER CORD
BEFORE DRAINING
MATTRESS OR
REMOVING TUBES.**

Your Thermal Guardian Wire Alloy Waterbed Heater is designed to be a complete temperature control system for softside flotation and tube type waterbed systems. The use of any other control unit or attachment may cause a hazard.

DO NOT USE WITH ANY OTHER BRAND OF CONTROL UNIT, HEATER OR ELECTRICAL DEVICE. INSTALL THIS HEATING SYSTEM IN TUBE TYPE AND FLOTATION BED STRUCTURES WHERE THE WATERMATTRESS IS NORMALLY FILLED TO A HEIGHT 8" OR LESS WITH A MINIMUM OF 3".

CAUTION: FOR COMBINATION MATTRESS (i.e. AIR AND WATER MATTRESS), BE CERTAIN THAT BOTH THE HEATER PAD AND SENSOR ARE BOTH LOCATED BENEATH THE WATER PORTION ONLY. DO NOT PLACE UNDER NON-WATER FILLED SECTIONS.

READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY.

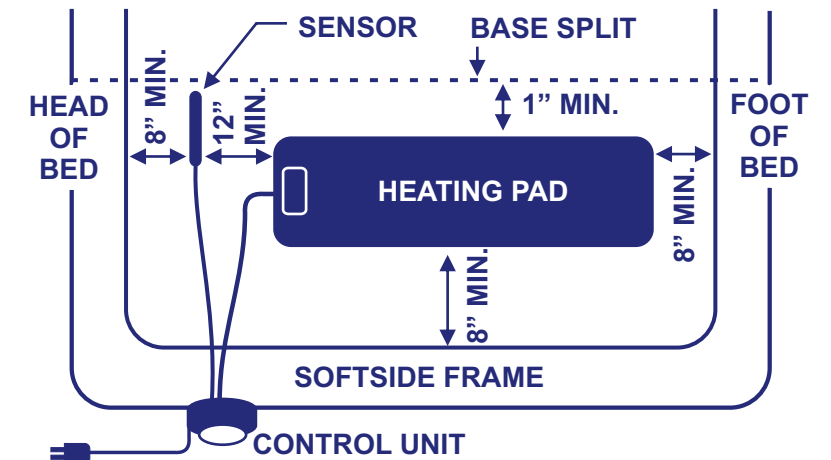
**DO NOT INSTALL HEATER UNTIL ALL INSTRUCTIONS HAVE BEEN READ
AND UNDERSTOOD.**

WARNING

**FIRE OR ELECTRICAL SHOCK MAY
RESULT FROM IMPROPER USE**

1. Select a location for your flotation system. An electrical outlet should be within 5 ft. of the temperature control unit, so that an extension cord will not be necessary. Assemble waterbed in accordance with mattress manufacturer's instructions. DO NOT install liner or watermattress at this step (see 9). DO NOT attempt to install under already filled bed, watermattress should be drained to ensure heater pad lays flat with no creases. Creasing pad is hazardous.
2. Heater placement. Place heater pad perpendicular to the head of bed on base platform surface, with the instructions facing up, at least 8" from any side (and at least 8" from the inside edge of any foam rails.) See illustration to right.
3. Route heater cord through access notch, grommet or end of zipper run as directed by mattress or bed manufacturer's instructions.
4. Control unit must be mounted near corner of bed to provide adequate length for power cord and sensor to be positioned properly under mattress. (your bed may have a mounting area for the control unit integrated into the mattress design.)
5. The control unit is ideally installed on the side of the bed or on the pedestal. Avoid crossing the wires exiting the bottom of the control unit. DO NOT install the control unit upside down-wires must be at the bottom of the control unit.
6. Secure the control unit with the screws or tape provided. Plug heater supply cord into control unit. Do not plug power cord into wall outlet until mattress is completely full.
7. Thread temperature sensor through notch or grommet or end of zipper run leaving a minimum section exposed outside the bed frame.
8. The temperature sensor or probe should be positioned at least 12" from the heater pad and directly under the watermattress and liner portion of the flotation system.

9. Install the liner and watermattress in accordance with manufacturer's instructions. Make certain there are no folds in liner or mattress above the heater. Fill with warm water (never hot). Watermattress should be full BEFORE PLUGGING IN the power cord to wall outlet.



AFTER HEATER IS PROPERLY INSTALLED AND MATTRESS IS COMPLETELY FULL:

10. After your mattress is filled, plug heater pad cord into heater control unit. Plug control unit power cord into wall outlet. Be sure all plugs are tight and secure. Turn the control unit knob or push the buttons when present to its lowest setting. Plug control unit power cord into wall outlet. Be sure all plugs are tight and secure. Do not use other control unit or attachment not provided with the heater due to increased risk of fire or electric shock.
11. Adjust temperature dial or buttons to desired setting, 85 degrees for a good starting point. Expect an increase of about 1/2 degree per hour. Depending how cold water is, it could take 4-5 days to heat mattress. The indicator light on the Dial will stay on until the mattress reaches the set temperature or on Digital Controls the Readout will flash until the mattress reaches the set temperature at which point the Readout stays lit. Digital Control ON-OFF buttons will turn heater On or completely Off. When the temperature drops below the setting, the heater will be reactivated and the light will once again go on or if Digital Control will readout will begin to flash. If the setting proves too warm or cold after a day or so, adjust the control unit slightly and allow time for the water temperature to adjust accordingly. Save energy when bed is not use, by keeping the bed "made" to help retain its heat.
12. **ALWAYS UNPLUG HEATER CONTROL UNIT POWER CORD BEFORE DRAINING MATTRESS OR REMOVING TUBES. FAILURE TO DO SO WILL VOID WARRANTY!**
13. DO NOT TUCK IN BED OR PLACE ANY HEAT INSULATING MATERIALS OVER THE CONTROL, AS IT MAY CAUSE IT TO OVERHEAT.



**120 WATTS • 120 VAC
60 Hz • 1 AMPS
MODEL P1013
Fontana, Ca. 92337-8212**