

A close-up photograph of a baby sleeping peacefully in a white, textured blanket. The baby's face is in profile, with eyes closed and a slight smile. The background is a soft, out-of-focus white. A large, bright yellow curved shape is on the right side of the image, partially overlapping the text.

Shield Life

User's Manual

>> EMF filtering and warming Health Mat



Table of Contents

For a Comfortable and Healthy Life	3
I . Health Mat	
– Designation of Parts	4
– Set-Up / Specification	5
II . Floor Mat / Mini Mat	
– Designation of Parts	6
– Set-Up / Specification	7
How to use the Temperature Controller	8
Self-Check & Troubleshooting	9
(How to use Power Plug)/ Cautions when using an Extention Cord	10
Warnings	11
What is an Electromagnetic Field?	13
Shield Life's Unique EMF Elimination System	14
Shield Life : The Ultimate Health Mat	15
Shield Life : Fundamental Structure	16
Quality Guaranty and Product Warranty	17

For a Comfortable and Healthy Life

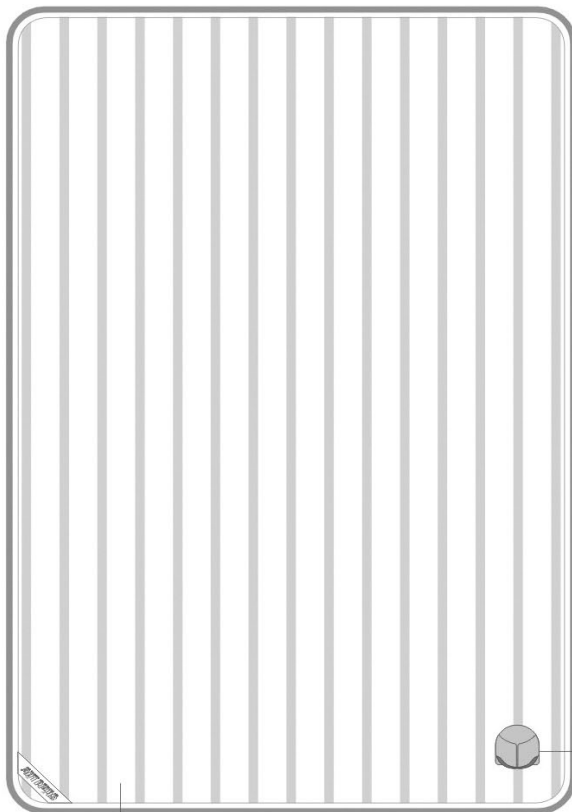
- Thank you for purchasing Shield Life.
- Shield Life is product created to improve your family's health. It produces for infrared heat and negative ions without emitting electromagnetic fields to relieve stress and create a comfortable sleeping environment.
- Please read the User's Manual thoroughly before using the product in order to maximize its benefits and to experience long-term benefits. The User's Manual contains valuable information pertinent to the safety of the user as well as the lifespan of the product.
- Enjoy a more comfortable and healthier life with Shield Life.



I Health Mat

Designation of Parts

22



Mat Body



Built in Plug

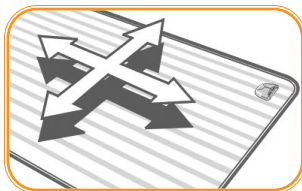


Temperature Controller Plug

Temperature Controller

Power Plug

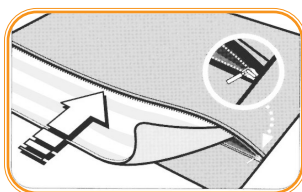
Set-Up



Before you connect the power plug, lay the product flat on a bed or the floor in order to smooth out any folds.

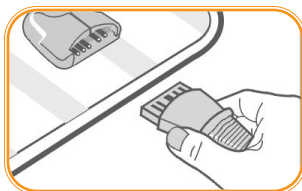
Place the connector of the mat upward.

Place the part of the mat with the Built-In plug at the head of the bed.



When putting on the mat cover(optional), make sure that the Temperature Controller Plug is lined up with the cover's opening

Do not wash or dry clean the product body.



Please connect Temperature Controller Plug with the Plug Outlet.

If the cover is on, you may connect the Temperature Controller Plug with its Plug Outlet through the designated opening of the mat cover.

23

Specification

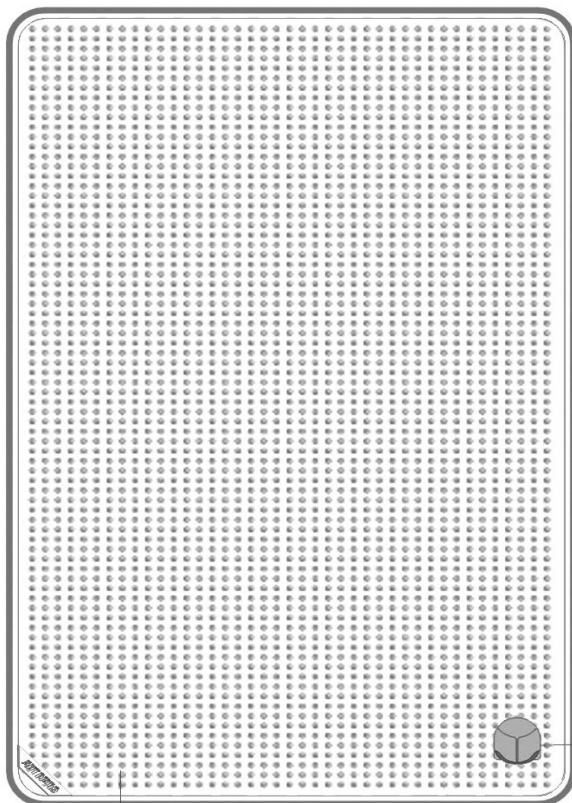
Product Name	Single	Full	Queen	King
Rated Voltage	AC110~120V 50~60Hz	AC110~120V 50~60Hz	AC110~120V 50~60Hz	AC110~120V 50~60Hz
Rated Power Consumption	155W ± 10%	155W ± 10%	256W ± 10%	310W ± 10%
Maximum Temperature range	70° C ± 10%	70° C ± 10%	70° C ± 10%	70° C ± 10%
Size	97×188cm (38×74in±1)	135×188cm (53×74in±1)	150×200cm (60×79in±1)	183×203cm (72×80in±1)



II Floor Mat / Mini Mat

Designation of Parts

24



Mat Body

Built in Plug



Temperature Controller Plug

Temperature Controller

Power Plug

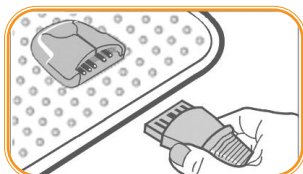
Set-Up



Before you connect the power plug, lay the product flat on a bed or the floor in order to smooth out any folds.

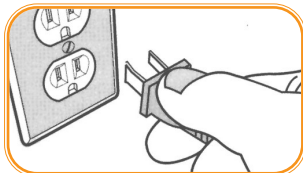
Place the connector of the mat upward.

Place the part of the mat with the Built-In plug at the head of the bed



Do not wash or dry clean the product body.

Please connect Temperature Controller Plug with the Plug Outlet.



25

Specification

Product Name	Floor Mat	Mini Mat
Rated Voltage	AC110~120V 50~60Hz	AC110~120V 50~60Hz
Rated Power Consumption	155W \pm 10%	128W \pm 10%
Maximum Temperature range	70° C \pm 10%	70° C \pm 10%
Size	140×200cm (55×79in \pm 1)	70×160cm (28×63in \pm 1)



How to Use the Temperature Controller



setting according to the user's desired comfort level by using the temperature controller dial.

■ To turn the product off, press the ON/OFF switch.

■ Power of the product will automatically turn off after 10 hours (This is a safety feature in addition to energy conservation).



■ If you would like to increase the temperature of the mat quickly, adjust the setting to 7 or H by using dial. Please do not use the product on the highest setting for more 1(one) hour.



■ Once the product is sufficiently warm, adjust the setting to your preference. The recommended usage setting is 1~3.



■ When the product is not in use, press the ON/OFF button to turn off the product. Do not unplug the product from the electrical outlet (although the product is turned OFF, it will continue to produce negative ions and reduce electromagnetic emissions from other electrical appliance as long as the product remains plugged in).

■ **CAUTION** : Do not place the Temperature Controller directly on the product or any other hot surfaces.

Self-Check & Troubleshooting

■ Please contact a Shield Life distribution center under the following circumstances :

- Mat does not heat up even when the power switch is ON.
- Temperature becomes excessively hot even when the setting is low. Press the switch is OFF and contact distribution center at once.
- The temperature controller does not function or does not function properly.

■ Please check the following items before you contact a Shield Life distribution center.

• I The power does not turn on:

- Is the Power Plug properly connected?
- Did you press the ON/OFF button?

• I The mat does not heat up:

- Is the Temperature Controller Plug connected to Built in Plug properly?
- Is the Temperature Dial designated to the appropriate setting?
- Is a blanket or quilt on top of the mat? If not, please place a blanket or quilt on top of the mat to insulate the heat.

• I The mat is too hot:

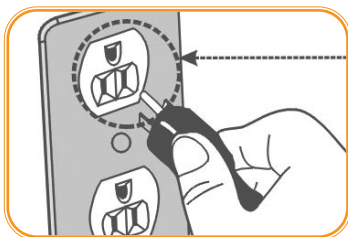
- Are there any folds in the mat? Folds lead to a concentration of heat in the folded area which may cause the mat to be too hot.
- Did you leave the Temperature Controller on High too long? If so, please adjust to a lower setting.

■ The following cases may not constitute malfunction:

- **The Controller is warm:** A small amount of heat is generated by the heat sink that is installed in the Temperature Controller.
- **The Controller makes noises:** The controller has several electrical components installed which regulates and controls the temperature and may result in some noise.
- **The mat itself makes noises:** The noises emitted by the mat may be a result of blocking and minimizing the emission of electromagnetic fields. Once the mat has reached its maximum temperature, the resulting noise is caused by an automatic power regulator and these noises do not constitute a malfunction.

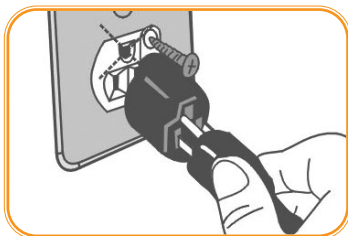


How to use the Power Plug

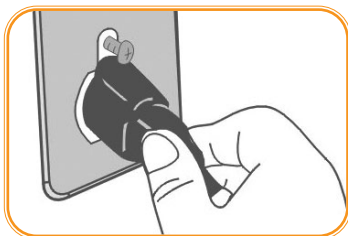


■ As pictured in figure [X] a American 3-pin electrical outlet that accepts a grounding plug is required.

■ Please utilize an American 3-pin electrical outlet with a power output of AC110V ~120V, 50Hz/60Hz.



■ If an American 3-pin electrical outlet is not available, an adaptor is required, as pictured in figure [X].



■ American 3-pin adaptors that accept grounding plugs are available at your local hardware store.

28

※ Cautions when using an extension Cord:

It is not recommended to use the product with an extension cord. However, if the use of an extension cord is unavoidable, please consider the following conditions:

1. Please use an extension cord that has been approved by national standards for electronic products.
2. Do not use in conjunction with other home appliances. Overloading an outlet may cause fire, electrical adaptor.
3. Do not use with an electrical adaptor.
4. Do not place the extension cord under or on top of the product during use.

Warnings



1. Do not place the Temperature Controller on top of the product body or any hot surfaces. Keep the Controller at least 20in.(50cm) away from any other home electronic appliances.



2. Please do not use product as an electric blanket or place over the body like a blanket.

Please do not wrap product around the body or fold it for use as a floor cushion.



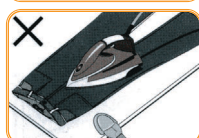
3. Please do not use in conjunction with an electric blanket or any other thermal products.

4. Halt usage of Temperature Controller if it comes into contact with water.



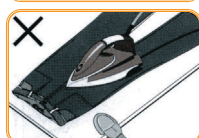
5. Do not puncture the product with any pins, needles, or any other sharp objects.

6. Do not place any heavy objects including home appliances on top of the product.



7. Do not place an iron or any other hot objects on top of the mat. Do not use the product as an ironboard.

8. We do not allow infants or disabled person to use product without supervision.



9. Please consult your physician prior to use if you have any medical conditions that require an internal monitoring device or have implanted any significant artificial or foreign materials (e.g. metal or related alloys).



10. Please consult your doctor if you have extremely sensitive skin or have difficulties in adapting to sudden temperature changes or high body temperature.



11. Do not use the product on High settings(7~H) for more than 1(one) hour.

12. Do not launder or dry clean the product(We recommend the purchase of the mat cover-optional).

13. Do not fold or crinkle.

14. Do not route electrical cords between the mattress and box spring. Do not allow the cords to be pinched.

15. Do not use with damaged cords. Damaged cords can lead to fire. Do not tuck in, trap, fold, cross or pinch cords between bed slats, mattress or springs, or against walls, footboards or bed frame.

16. Wrapping the cord around the controller may damage the cord. Loop loosely when storing.

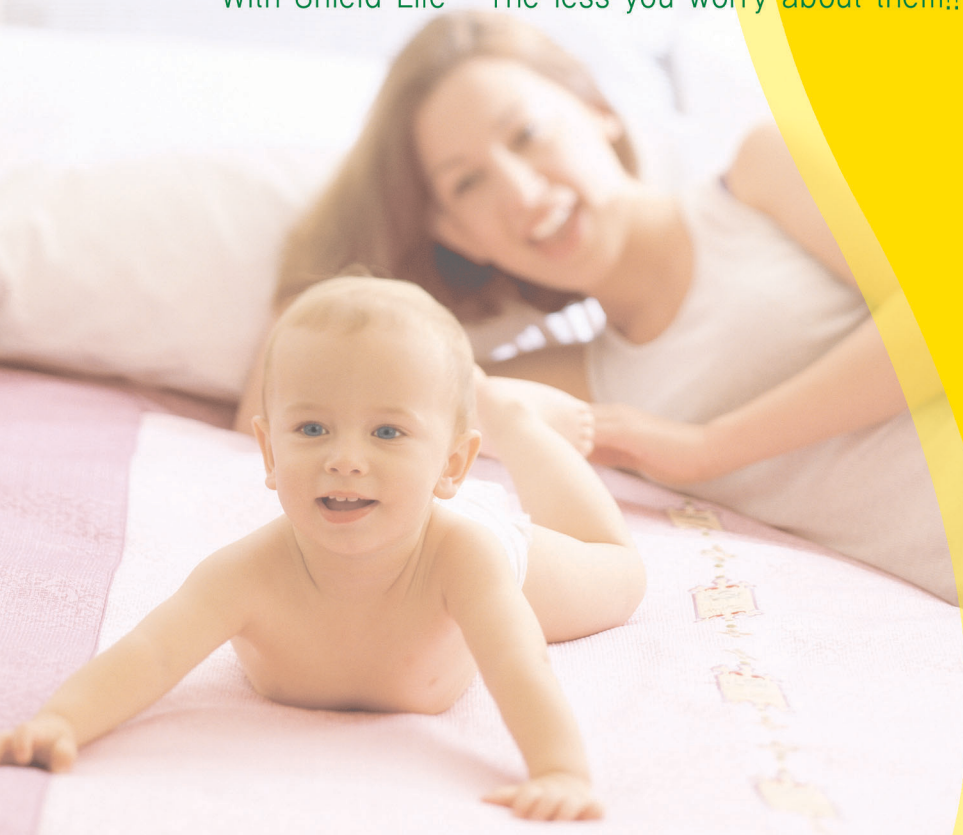
17. Keep the control away from drafty areas that may become damp or wet such as an open window.

18. Use the proper size the mat for your bed. For example, use a Twin Size mat on a Twin Size bed.

19. If the following Important Instructions are not followed, the heated product will not operate properly.

Electromagnetic Field Emission

The more you know about them...
The less you want them...
With Shield Life... The less you worry about them!!



Shield Life®

What is an Electromagnetic Field (EMF)?

An electromagnetic field consists of electric and magnetic waves that exist in electrical currents, and in terms relevant to electromagnetic waves, is a type of electrical energy.

Because electromagnetic fields are produced wherever there is an electric current, all electrical appliances emit some fixed amount of electromagnetic fields. In addition, the type of electromagnetic field that is detrimental to the human body was ranked 4th in terms of environmental pollutants, causing worldwide alarm.

following cases may

The strength of electromagnetic field emission was first shown by the microwave. The fundamental principle behind the microwave is the utilization of high frequency waves that jar water molecules to create heat from friction, and to cook foods using this very heat. These High frequency waves are EMF. Although common electrical appliances do emit lesser amounts of EMF, continuous exposure to small amounts of EMF can still cause severe damage.

In fact, lengthy exposure to magnetic fields has been shown to decrease the production of melatonin, increase metabolic disturbances, etc. It also appears to be a factor in the weakening of the immune system, decreased reproductive ability, increased miscarriage rates, chronic fatigue, and leukemia.

EMI a Given, EMF the Problem

Electromagnetic Fields are categorized into two groups: EMI(Electromagnetic Interference) and EMF(Electromagnetic Frequency). EMI is an electromagnetic field that feeds the electric circuit, and is regulated to meet safety standards during production. It is also weak enough that its effects on the body are considered negligible(measured in decibels(dB)). Emissions that are harmful to the body are the stronger electromagnetic fields, like EMF, which are measured in milligauss(mG).

EMF can be essentially erased with Shield Life

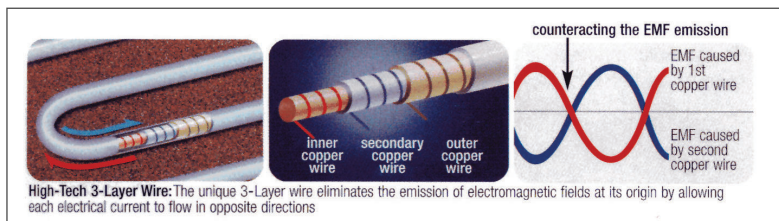
Shield Life has been specially constructed with a 3-Layer Heating Wire that causes electromagnetic waves to intercept and counteract each other, effectively eliminating 99% of EMF. It also contains a unique copper mesh that absorbs and reduces residual EMF, giving our product two ways through which EMF minimization is ensured.



Shield Life's Unique EMF Elimination System

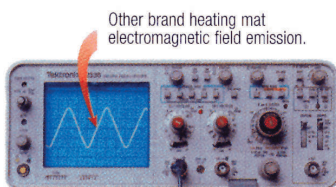
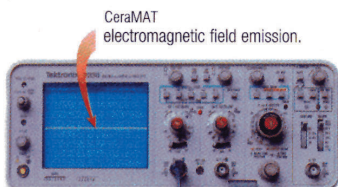
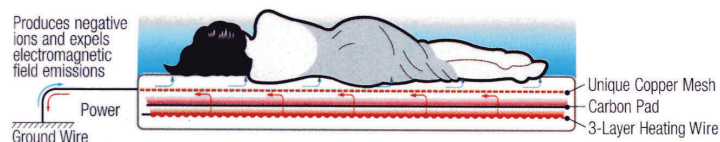
1. 3-Layer Heating Wire counteracts the emission of Electromagnetic Fields.

Electromagnetic Fields are electromagnetic waves that are produced wherever there is an electric current from various home appliances. One of Shield Life's components includes a uniquely constructed 3-Layer Heating Wire that allows electricity to flow in opposite directions. Therefore, the electromagnetic field that is being emitted from each wire is directly counteracted by the emission of the other wires. This component is specifically designed to counteract the production of electromagnetic field emissions at its origin, eliminating up to 99%. Certifiably patented in the U.S., our 3-Layer Heating Wire is a technological innovation, unique to Shield Life, ensuring safety and effectiveness!



2. Copper Mesh absorbs and eliminates majority of Electromagnetic Fields.

In addition, a separate Copper mesh is spread across the entire mat that is connected to a ground wire which absorbs any remaining EMF.



Shield Life: The Ultimate Health Mat.

🌞 No Electromagnetic Field Emissions: Your Whole Body Feels Lighter

What if the electric blanket or electric heat pad that is supposed to warm your body is overflowing with electromagnetic field emissions (EMF)? Would you continue to allow those harmful emissions to be absorbed by your body?

No need to worry anymore. The product has incorporated a two-step process to block 99% of electromagnetic field emissions (EMF) from even being produced. Now, you can enjoy the warmth of Shield Life, without having to worry about EMF. Shield Life provides a healthy, warm place to melt away the tension and stiffness accumulated from stress and cold weather. After using it, you will wake up the next morning, feeling light as feather!

🌞 Natural negative Ions: You'll feel Refreshed and Rejuvenated

The reason you feel refreshed in a forest or near the ocean is because of the abundance of negative ions in those places. Negative ions well up from the earth or are created when water dissolves into its elements. Negative ions incite the production of serotonin, a substance in the brain that controls emotion, and purifies the air.

Fresh air in the suburbs or outskirts of cities has a measured density of negative ions. Negative ions exist in almost any environment. However, the area surrounding the Yosemite waterfalls contain 25~50 times as many negative ion particles compared to the suburbs. Alarmingly, a typical office buildings or asphalt streets have 20~40 times less than the suburbs. For the contemporary person who spends the majority of his/her time in an office building separated from direct contact with the ground, the density of negative ions found in the air is determined via distance from the ground. As a result, a significant number of people living in large cities suffer from negative ion deficiency which has been connected to depression, lack of willpower, and lack of energy among other things.

Utilizing the principles behind a conductor rod, Shield Life's unique Copper Mesh culls negative ions from the ground and releases them into your bedroom. And unlike generic products that produce negative ions artificially, you can feel the difference in Shield life's natural negative ions the minute you lie down. As an added bonus, even if the Temperature Controller dial is set to "OFF", negative ions will continue to be produced as long as the power is connected, allowing you to experience benefits all your round.



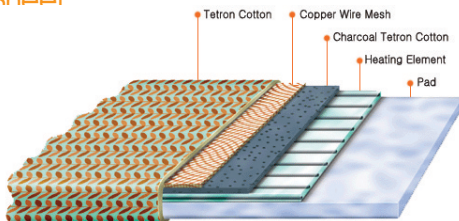
Shield Life : Fundamental Structure

PVC-Coated Cotton Sheet

Water-Proof

Copper Mesh

Absorbs and eliminates any remaining EMF, as well as the EMF emitted by electrical appliances in the vicinity. Draws natural negative ions and releases them into your living space. Copper also acts as a natural inhibitor of bacterial breeding and will not aggravate any bacteria related skin conditions. Neutralizes negative odors in bedding.



34

Carbon Tetron Pad

Converts electric heat to far infrared heat, which penetrates deep into the body. Purifies the air of noxious elements, deodorizes and prevents contamination of bedding.

High-Tech 3 Layer Heating Wire

Shield Life's unique high-tech 3layer heating wire, patented in the U.S., causes magnetic fields responsible for producing EMF to counteract and neutralize each other, effectively eliminating 99% of EMF. In addition, the product automatically turns off once it reaches its maximum temperature of 60 degrees Celsius(140 degrees Fahrenheit), for the maximum safety.

Thermal Pad

A 15mm thick micro-fiber provides a remarkable level of comfort and heat preservation. It also prevents warping due to long term use.

Quality Guarantee and Product Warranty

Orion Electronics, Inc. guarantees that all of our products, The Thermal Health Mat, are free from any manufacturer defect and will perform to the highest quality standards. If there are any defects that occur under normal intended use, we will repair or replace the defective part at our expense for one year from the date of purchase.

※ The Warranty does not apply in the following circumstances:

1. Damage from improper use of the product
2. Damage from disassembly or distortion of the product
3. Damage from failure to follow the safety precautions
4. Damage from, repairs or modifications made by anyone other than Orion Electronics, Inc. personnel.

For any Warranty or After-Service, please contact Shield life distribution center. Please have your warranty card and proof of purchase ready.

※The term of warranty: one year from the date of purchase

Product name		Model Number	
Purchase date			
Purchase center			
Customer name		Telephone	
Address			

Orion Electronics, Inc 16210 S. Maple Ave, Gardena, CA 90248

■문의 전화 : 1-800-590-0888/1-310-352-3377