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## KANE HEAT MAT INSTRUCTIONS AND WARRANTY INFORMATION

### GENERAL USE GUIDELINES

- Read all instructions as provided with original packaging.
- Inspect the power cord before using.
- Caution: Use Indoors; Attention: Employer Uniquement A L'interieur
- Do Not Immerse; Ne Pas Immerger
- Protect the power cord from all animals and reptiles.

Kane Heat Mats are designed to provide a warm bed for animals in creep or resting areas, free stalls, individual huts, nursery pens, whelping boxes or any area where supplemental heat is needed. **Kane Heat Mats run 37 degrees above the ambient temperature of the location it is installed.**

### **\*\*WARNING FIRE RISK\*\***

- Do not cover this appliance with any foreign materials.
- This unit is a heat radiating appliance for animals.
- Do not have any foreign materials within a 10' radius of the heat mat installation area.
- To cover or alter this appliance voids all warranty and liability of Kane Manufacturing and all subsidiaries.

**IMPORTANT** – Check the electrical wiring specifications for the country in which the heat mats are being installed. Some countries require hard wiring into a sealed fused electrical box.

Check voltage chart on the back or bottom side of each heat mat – be sure the voltage requirements for each mat is the same as the voltage supply in your area or building.

**“WARNINGS** – Fusing must be sized as close as possible to rated input for over-current protection.”

1. 110-120 Volt A.C.
2. 220-240 Volt A.C.
3. 24 Volt A.C.
4. To ensure the maximum supply of electric current required on a continuous basis, the spades on the electric cord plugs must be kept polished and corrosion free. This must be checked approximately every 60 days.

**INSTALLATION** – (Farrowing Crate or Free Stall Creep Areas)

1. A UL or CE listed thermostat control must be installed to control heat mats to the temperature the animal needs and is comfortable with.
2. All Kane Heat Mats must be anchored to the flooring. Anchoring holes are provided on the exterior flange edge of each heat mat for your convince. At the risk of voiding warranty, **do not** drill additional holes.
3. Heavy-duty plastic electric cinch pull ties are recommended for securing mats to slatted floors.
4. Electric power supply cords must be protected with a cord cover shield. You can purchase a 1-½ inch PVC conduit for cord protection from Kane Manufacturing. See dealer or contact Kane

**KANEMANUFACTURING COMPANY, INC.**

P.O. BOX 1385 • ANKENY, IOWA 50021

800-247-0038 • [info@kanemfg.com](mailto:info@kanemfg.com)

[www.kanemfg.com](http://www.kanemfg.com)



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Manufacturing directly for more information. **(PVC cord guard ships with the 48" mats only & does "not" include a spring guard on the power cord.)**

5. Insufficient protection to electrical cord may result in electric shock to animals and operator. Damage to power cord caused by insufficient protection is not covered by warranty. **IMPORTANT** – take precautions when installing mats.
  - a. Route the power supply cord in such a way as to protect it from damage by animals, equipment, and personnel.
6. Inspection, Installation, Connecting the power supply, and operation

#### **Step 1**

##### **Inspection**

Inspect the product to ensure no damage occurred during shipment and handling. Ensure the power cord and plug is not damaged and securely fastened to the heat mat. Inspect the surface of the mat for obvious damage or cracks.

#### **Step 2**

##### **Installation 110/120 Volt**

Place the mat in the desired location with the electrical cord closest to the wall. It is recommended that you use ¼ inch plastic ties or screws in the predrilled holes to fasten the mat to the floor. To prevent electrical cord damage, cover power cord with 1 ½ inch PVC pipe that ships with the PHMD48 & PHMS48 mats. Fasten the PVC pipe to a solid structure to prevent unnecessary movement of the cord that may place stress on the electrical plug.

#### **Step 3**

##### **Installation 220/240 Volt**

Hard wire the electrical cord into the nearest electrical box. If local electrical laws and regulations allow, attach the appropriate plug to the cord and insert into power outlet. Ensure a solid, continuous electrical connection. Allow an additional 5 inches of wire available near the electrical box or power outlet to ensure there is no stress on the cord

#### **Step 4**

##### **Operation**

1. DO NOT COVER HEAT MAT WITH ANY TYPE MATERIALS
2. KEEP SURFACE CLEAN AND FREE OF ANY DEBRIS

Turn on the heat mat using a thermostat/rheostat control, select the desired temperature.

Observing the animal's usage of the mat is the best check for proper operation. If the animal is not using the mat, the mats surface is too hot or too cold. Check the following to correct the problem:

- A. Is power getting to the mat? Place the palm of your hand on the mat and hold it there for approximately one minute. If the power is on, the mat will feel warm to your hand.
- B. Check the ambient temperature of the room. The ambient temperature may be higher than needed. To check the temperature variation between the room and heat mat, place a thermometer on the heat mat and a thermometer on the floor. After 5 minutes, adjust the thermostat to lower or raise the heat mat temperature so the animal will return to the mat.

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## CLEANING AND HANDLING INSTRUCTIONS:

**Disconnect appliance from electrical power source before cleaning the heat mats. DO NOT pick-up heat mats by the electrical cord. This may cause damage to the power cord and heating element. THE POWER CORD IS NOT A HANDLE.**

Kane Heat Mats may be safely high pressure washed, brushed, and disinfected. Kane Heat Mats should be thoroughly dried after washing and kept as dry as possible during operation. Mats may be sealed to cement floors by using a caulking compound or silicone-based bead around the outer edge during installation. The silicone gum rubber or caulking compound around the edges of the mat will prevent collection of residue and moisture under the mat. The mats can also be removed to sanitize the floor and entire mat after each cycle of use. Be sure to polish the spades and plug on the electrical cord to ensure proper electrical connections.

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## WARRANTY INFORMATION

Kane warrants its heat mats and controls to be free of defects in material and workmanship under normal use for a period of ONE YEAR from the date of purchase. Power cords are not included in this warranty. Any heat mat or control determined by our inspection to be defective will be replaced or repaired without charge (at our option). Defective products shall be returned to the retailer from whom the product was purchased or shipped to the factory. **Prior authorization for returns must be obtained from Kane Manufacturing Company, Inc.** Your name, address and phone number must be included and clearly marked on the package of the product being returned for inspection. A copy of the original invoice, return authorization form and a brief description of the issue must be sent with the product. Kane Manufacturing Company, Inc. is not liable for loss or damage resulting from alteration, misuse or abuse of the product. Kane's heat mat warranty is limited to repair or replacement of the product.

Purchaser agrees to be responsible for all shipping charges under this warranty.

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