



## Stanfield® Heat Pad Instructions

### For Use with Pets including Dogs, Cats, and Other Small Mammals And for Turtles, Tortoises, Snakes and Other Reptiles

Stanfield Heat Pads have been used for over a quarter century by farmers and pet owners to deliver comfort and warmth safely to small animals of all types. Stanfield Heat Pads are durably engineered to deliver many years of satisfactory service for most animals if prudently and carefully used according to the following Instructions. Please read these instructions carefully to avoid accidents or injury to animals.

#### WARNING

Careless use and handling can damage power supply cords and heat pads. Such damage may cause a life-threatening electrical shock hazard and may start a fire if combustible material is present. Do not permit access by animals to the power cords or unsecured heat pads. Do not carry heat pads by their power cords. Do not use heat pads in the presence of combustible materials. Always disconnect power while washing heat pads. If damage is detected, remove from service and return to Osborne Industries for inspection and repair. Always connect to power outlet protected by a ground fault interrupter (GFI) because heat pad can be exposed to water, urine, or other liquids in the presence of animals.

#### INSTALLATION:

Stanfield Heat Pads must be anchored in a dry, well-drained location, using the predrilled holes. Additional anchor holes can be drilled AROUND THE OUTER MARGIN IN THE PRE-DIMPLED LOCATORS ONLY. Drilling holes anywhere else can damage the heating element.

Always install the heat pad so that the power cords are protected from the animals. A cover such as the F152 Cord Shield or alternative conduit is recommended to provide protection from chewing damage or abrasion. Damage to the cords caused by insufficient protection is not covered by warranty and may result in hazardous electric shock.

Always connect to a 110-120 VAC power outlet protected by a ground fault interrupter (GFI) circuit because in the presence of animals the heat pad can be exposed to water, urine, or other liquids.

#### WARNING

Never take chances. Always protect the heat pad from animals by anchoring it so that it cannot be moved or chewed. Protect power cords from both adult and juvenile animals.

#### OPERATION:

Stanfield Heat Pads do not use an internal thermostat. At full rated input voltage, Stanfield Heat Pads operate at a temperature of about 30 to 35 deg F (16 to 20 deg C) above the ambient surrounding air temperature.

**CAUTION:** Use of a heat pad control is recommended to set the temperature of the heat pad, e.g. the Stanfield Heat Pad Control Model F911 or a System Control Model F920A or F920D for multiple heat pads. For best accuracy, you can check the actual

operating temperature, using the Stanfield Temp Probe™ Infrared Thermometer, Model FEPP1200. Always allow about 30 minutes between adjustments for the heat pad to attain its normal operating temperature.

**For puppies, baby calves, lambs,** and other hair-covered or fur-bearing juvenile animals, always use heat pad temperature controls to establish the best temperature for each species of animal. Too much heat may cause injuries for some animals. A heat pad should only be gently warm.

**For mature dogs** or other large hair-covered or fur-bearing animals, a heat pad may benefit the animal best as a space heater, e.g. the heat pad can be affixed to the interior back wall of the animal shelter to provide gentle warmth. The mature animal will lie next to the heat pad when cold conditions prevail or away from it during milder conditions. Lying directly on the heat pad may not be comfortable for mature animals. Always provide alternative lying space if the heat pad is part of the floor.

**For snakes, lizards, turtles, and other reptiles,** always control the temperature accurately with controls and the Temp Probe for reproduction to occur effectively.

**If non-use of the heat pad is observed** or the heat pad is cool to the palm of the hand or when checked with a Temp Probe or other surface thermometer, check the following:

A. Is electrical power applied to the heat pad?

1. If the GFI has tripped, then disconnect the heat pad from power and visually check for damage to the heat pad or the power cord. If no damage is found, then reset the GFI and reapply power. If the GFI trips again, take the heat pad out of service and return to Osborne Customer Service for inspection and repair.

2. If the GFI is OK, then check the outlet with another electrical device, e.g. a lamp, to ensure that power is applied to the outlet.
3. Check the power plug for corrosion.

- B. If the heat pad is warm, but animals are not using it, check for drafts in the area compared to the area where they do lay. Change ventilation to reduce draft to an acceptable level.
- C. If the animals are restless or lie next to the heat pad, but not on it, or use it only intermittently, the heat pad may be too warm. Reduce temperature until the animals rest comfortably.

**Always keep your heat pad clean and dry** for longest product life, best performance, and safe operation. Avoid the use of bedding materials, which retain heat, absorb water and urine, or may support a flame if the power cord is accidentally damaged by the animals.

#### **WARNING**

Do not allow bedding, manure, or debris to accumulate on the heat pad. Do not cover with any flammable material. Any covering causes the heat pad to become too warm for the animal, is a fuel source for fire, and reduces its useful life. Always keep it clean and dry for best service.

Heat pads do not raise the air temperature significantly except in confined spaces. Heat pads are a thermal barrier and prevent heat loss from the animal. This helps maintain a constant body temperature, especially during sleep. When power is first applied, some initial heat loss to the floor occurs, but decreases as the floor is warmed, especially if the floor is insulated and dry. Heat pads operate more efficiently (lower control setting) on floors that are poor thermal conductors, i.e. plastic or wood compared to steel or concrete.

#### **ELECTRICAL REQUIREMENTS:**

Apply power by connecting the power cord to a 110-120 VAC outlet, which is protected by a Ground Fault Interrupter (GFI). Use an F911 Power Control to control one or two heat pads or the F920A or F920D Automatic Control for a system of heat pads. Clean and polish the electrical contacts on the power cord plug if they corrode for good electrical contact.

#### **WARNING**

Connect heat pads only to power sources, which are protected by Ground Fault Interrupter (GFI) circuits. Failure to use GFI protected circuits exposes animals and user to dangerous electrical shock hazard. Any licensed electrician can install GFI protection.



Stanfield Heat Pads are tested and certified to meet or exceed all Underwriter Laboratory, Canadian Standards Association, and European CE standards for safe construction and operation.

#### **CLEANING INSTRUCTIONS:**

Heat pads are safely high-pressure washed, brushed, scraped and immersed in water or disinfectant. Dry heat pads thoroughly after washing. Maintain dry operating conditions. Stanfield heat pads are water-resistant, but continuous exposure to moisture or urine may lead to early product failure.

#### **WARNING**

Always disconnect heat pad from electric power before washing. Unnoticed damage could cause a dangerous electrical shock hazard in the presence of water.

#### **WARRANTY**

Osborne Industries, Inc., (OII) warrants its heat pads and controls to be free of defects in materials 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 pad or control, which our examination reveals to be defective, will be repaired or replaced at our option without charge. Alleged defective products must be returned in a clean condition to the retailer from whom the product was purchased or to any Authorized Osborne Dealer. If a warranty registration card is not completed and received by OII, then returned products must include a copy of the original sales slip showing purchase date and serial number (imbedded in the back surface of the heat pad). Owner's name and address must be clearly marked on the product. The serial number or date of shipment from the factory is used to determine warranty period if products are not registered or accompanied by proof of purchase.

OII is not liable for any loss or damage resulting from alteration, misuse, or abuse of the products. In no event shall OII be liable for any indirect, incidental or consequential damages from the sale or use of the products. This disclaimer applies both during and after the term of this warranty. OII specifically disclaims liability for any implied warranties, including implied warranties of "merchantability" and "fitness for a specific purpose," after the one-year term of this warranty. This warranty is limited to repair or replacement of the product and excludes all consequential and special damages. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.



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