STANFIELD® Heat Pads

Key to Unlocking...
Why create a round, confined area of heat in a rectangular farrowing stall? Heat lamps do just that. Osborne’s Stanfield® Heat Pads, however, utilize the space in farrowing creep areas better and provide consistent, uniform heat over a larger surface, keeping piglets from piling and keeping sows cool and more productive. Create a larger footprint of heat for your piglets and save on electrical costs at the same time. The advantages speak for themselves!

The Heat Pad Advantage

1. HEALTHIER PIGLETS
   Providing heat without baby pigs piling pays off in better rest and reduced scours.

2. LARGER LITTERS
   Eliminate crush losses by keeping baby pigs away from sows.

3. ENERGY EFFICIENT
   Up to 66% more energy efficient than heat lamps. Heat pads last longer, too.

4. COMFORTABLE SOWS
   Cooler sows experience less stress, eat better, and produce more milk for the litter.

Providing Better Heating for Over 40 Years

Osborne introduced the Stanfield Heat Pad when the concept of providing under-body heat to newborn pigs in modern production was practically unknown. Within a few short years, the value of heat pads in both the farrowing house and nursery was firmly established. Their consistent quality, durability, and performance quickly positioned them as the preferred method of providing the proper environment for healthy growth and development. Stanfield Heat Pads have gained the trust of thousands of producers all over the world.
Not All Heat Pads are the Same

When selecting the best heat pad, there are a number of factors to consider. Design, quality, and performance vary greatly between different manufacturers. With over 40 years of experience, trust Osborne’s Stanfield Heat Pads to create the perfect growing environment for baby pigs.

The Stanfield Advantage

1. SEE YOUR HEAT PADS WORKING
   Only Osborne has a Heat Pad Indicator Light that allows you to see your heat pads working. The indicator light also helps troubleshoot electrical issues (see the back cover for details).

2. UNIFORM HEAT DISTRIBUTION
   University studies prove Stanfield Heat Pads evenly distribute heat across the surface better than any other brand of electric heating pad.

3. ULTRA THIN PROFILE
   While other heat pads are thick and bulky, allowing sows to claw and push against them, Stanfield pads are thinner than a smart phone, giving piglets the easiest access.

4. ENERGY EFFICIENT
   At full power, Stanfield pads have the ability to provide warmth at 30-35°F (16-20°C) above air temperature, while saving you substantial energy costs. Use controllers to further increase your savings.

5. MORE SAFETY CERTIFICATIONS
   The double-insulated, low-temperature heating element in Stanfield Heat Pads easily passed rigorous tests to earn worldwide electronic safety certifications such as CSA, CE, PSE, and IEC.

6. DIFFERENT BY DESIGN
   Only Stanfield Heat Pads completely encapsulate the heating element in the resin. The strain relief is specially designed to mechanically lock into the composite, helping to prevent cord failure.

7. WATER-TIGHT, MOISTURE RESISTANCE
   Because the Stanfield heating element is fully molded into Osborne’s own RTM-Glas™ fiberglass-reinforced composite, there is no need of a secondary sealing process to keep moisture out.

8. RUGGED, ABRASION RESISTANCE
   Osborne has fully perfected the RTM-Glas™ fiberglass-reinforced composite material to resist wear and hold up to the abuse of a 50 lb. nursery pig.

9. YEARS OF TROUBLE-FREE USE
   Stanfield Heat Pads outlast other brands. It is not uncommon to find our pads still in operation 15-20 years after the initial purchase and installation.

10. WIDEST SELECTION
    The Stanfield family of heat pads offers more shapes and sizes than any other brand. From rectangular, to triangular to options for narrow crates, Stanfield has a heat pad right for you!

AN OPTIMIZED MICROCLIMATE FOR PIGLETS KEEPS SOWS COOL

Stanfield Heat Pads put heat where it’s needed to maintain piglet health and weight gain. Studies have proven the Stanfield Heat Pad leads the industry with its ability to evenly distribute heat across its surface, without creating “hot spots” as seen in competitors’ pads.

By keeping heat in the piglet zone and away from the sow, she remains cooler, more content, and more productive, further increasing your operation’s profitability.
Stanfield® Farrowing Heat Pads

At full power, Stanfield Farrowing Heat Pads provide a uniformly warm surface 30 - 35°F (16 - 20°C) above air temperature. This creates a 90 - 100°F (32 - 38°C) resting surface in a 60 - 70°F (15 - 21°C) building. Piglets seek the warmth and rest near the draft barrier, safely away from the sow. The heat pad’s tough fiberglass-reinforced composite material is molded into a surface that is easy to clean, yet gives piglets solid footing. Divider panel cleats and pre-drilled holes for tie downs make installation easy. Stanfield Farrowing Heat pads help you increase productivity.

**Stanfield Farrowing Heat Pads let you:**
- Feed for growth, not warmth.
- Avoid losses from illness and crushing.
- Reduce room temperature without stressing piglets.
- Keep sow cooler, more productive.

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### ONE-LITTER FARROWING HEAT PADS

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Size Feet (Meters)</th>
<th>Pigs Served*</th>
<th>Power Output (W) Maximum at 120V</th>
<th>Energy Used kWh/Day Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>FH-RS1824</td>
<td>1.5 x 2.0 (0.46 x 0.61)</td>
<td>Up to 9</td>
<td>95</td>
<td>2.28</td>
</tr>
<tr>
<td>FH-RS1200</td>
<td>2.0 x 2.3 x 3.2 (0.62 x 0.70 x 0.99)</td>
<td>10 to 12</td>
<td>90</td>
<td>2.16</td>
</tr>
<tr>
<td>FH-RS1B30</td>
<td>1.0 x 3.0 (0.30 x 0.91)</td>
<td>Up to 9</td>
<td>80</td>
<td>1.92</td>
</tr>
<tr>
<td>FH-RS1B40</td>
<td>1.0 x 4.0 (0.30 x 1.22)</td>
<td>Up to 12</td>
<td>100</td>
<td>2.40</td>
</tr>
<tr>
<td>FH-RS1B50</td>
<td>1.0 x 5.0 (0.30 x 1.52)</td>
<td>Up to 15</td>
<td>145</td>
<td>3.48</td>
</tr>
<tr>
<td>FH-RSE106</td>
<td>1.0 x 6.0 (0.30 x 1.83) L-Shaped</td>
<td>10 to 12</td>
<td>160</td>
<td>3.84</td>
</tr>
</tbody>
</table>

### TWO-LITTER FARROWING HEAT PADS

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Size Feet (Meters)</th>
<th>Pigs Served*</th>
<th>Power Output (W) Maximum at 120V</th>
<th>Energy Used kWh/Day Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>FH-RS2B30</td>
<td>2.0 x 3.0 (0.61 x 0.91)</td>
<td>Up to 18</td>
<td>160</td>
<td>3.84</td>
</tr>
<tr>
<td>FH-RS2B40</td>
<td>2.0 x 4.0 (0.61 x 1.22)</td>
<td>Up to 24</td>
<td>200</td>
<td>4.80</td>
</tr>
<tr>
<td>FH-RS2B50</td>
<td>2.0 x 5.0 (0.61 x 1.52)</td>
<td>Up to 30</td>
<td>290</td>
<td>6.96</td>
</tr>
</tbody>
</table>

* Capacity based on three pigs per square foot.

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The RSE106 Heat Pad has been specially designed for narrow creep areas and large litters. Heat is evenly distributed across the 7 in. (18 cm) horizontal and 5 in. (13 cm) vertical sides. The RSE106 heat pad keeps piglets a maximum distance from the sow, minimizing crush losses.
Stanfield® Nursery Heat Pads

You will achieve better survival, better health, and better gain when you put heat where it is needed. Stanfield Nursery Heat Pads provide a uniformly warm surface 20 - 25°F (11 - 14°C) above air temperature. They create an 80 - 90°F (26 - 32°C) resting area that attracts nursery pigs in a 60 - 70°F (15 - 21°C) building. The heat pad’s tough, wear resistant fiberglass-reinforced composite material stands up to the hard use fifty-pound pigs can deliver. It is strong, durable, easy to clean and provides sure footing. Pre-drilled holes for tie-downs make installation easy.

Stanfield Nursery Heat Pads help you:

- Reduce weaning stress.
- Promote healthful rest.
- Build disease resistance.
- Increase growth rates.

### NURSERY HEAT PADS

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Size Feet (Meters)</th>
<th>Pigs Served</th>
<th>Power Output (W) Maximum at 120V</th>
<th>Energy Used kWh/Day Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>FH-RS2030</td>
<td>2.0 x 3.0 (0.61 x 0.91)</td>
<td>Up to 12</td>
<td>115</td>
<td>2.76</td>
</tr>
<tr>
<td>FH-RS3030</td>
<td>3.0 x 3.0 (0.91 x 0.91)</td>
<td>Up to 18</td>
<td>200</td>
<td>4.80</td>
</tr>
<tr>
<td>FH-RS3040</td>
<td>3.0 x 4.0 (0.91 x 1.22)</td>
<td>Up to 24</td>
<td>275</td>
<td>6.60</td>
</tr>
<tr>
<td>FH-RS3060</td>
<td>3.0 x 6.0 (0.91 x 1.83)</td>
<td>Up to 36</td>
<td>390</td>
<td>9.36</td>
</tr>
</tbody>
</table>

* Capacity based on two pigs per square foot.

All Stanfield Heat Pads are available in 110, 208, and 220 VAC and with international plugs.

Contact Osborne Customer Service for specifications.
1. **MANUAL CONTROL**  
Catalog #: FE-00F911  
- **Input Voltage**: 120V, 50/60 Hz  
- **Max Current Rating**: 5 Amps RMS  
- **Output Capacity**: 600W

2. **AUTOMATIC CONTROL**  
Catalog #: FE-00F920A (120V) / FE-0HF920A (240V)  
- **Input Voltage**: 120V or 220V, 50/60 Hz  
- **Max Current Rating**: 20 Amps RMS  
- **Output Capacity**: 2,400W  
- **Certification**: CSA Approved

3. **HIGH CAPACITY, AUTOMATIC CONTROL**  
Catalog #: FE-00F920D (120V) / FE-0HF920D (240V)  
- **Input Voltage**: 120V or 220V, 50/60 Hz  
- **Max Current Rating**: 40 Amps RMS (20/circuit)  
- **Output Capacity**: 4,800W

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**Save Energy with Money-Saving Controls**  
Set the perfect temperature for your Stanfield Heat Pads with money-saving controls and deliver the optimal temperature for healthy animal development and maximum energy savings. Ranging from a manual two-pad control to a feature-loaded, automatic ramping control for an entire system of Stanfield heat pads, we have the perfect control for you—and your animals’—needs.

1. **Economy, Manual Controller**  
   - Two built-in outlets control two heat pads up to 600 W.

2. **Automatic Controller**  
   - Controls power to a system of heat pads up to 2,400 W.

3. **High-Capacity, Automatic Controller**  
   - Controls power to a system of heat pads up to 4,800 W.

**Osborne Heat Pad Controls let you:**
- Increase energy savings by reducing power to individual heat pads
- Reduce the temperature to connected heat pads as pigs grow and require less warmth
- Select the size and capacity necessary for your specific needs.

**Reduce heat as pigs grow...automatically!**  
Herdstar® Microzone controls let you automatically and completely control the temperature of an entire system of heat pads. A user-specified temperature band allows you to keep the temperature of heat pads in the piglet zone in the perfect place. The temperature ramping feature from 0-100% automatically reduces the temperature of the pads each day as piglets grow and their heating requirements change.

<table>
<thead>
<tr>
<th>MICROZONE HEAT PAD CONTROL SYSTEM</th>
</tr>
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<tbody>
<tr>
<td>REQUIRES CONTROL, MODULATOR, POWER SUPPLY, and SENSOR</td>
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<tr>
<td>FE-HPC001</td>
</tr>
<tr>
<td><strong>Heat Pad Control, 120/240V</strong> One Control manages up to 12 Power Modulators</td>
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<tr>
<td>FE-HPC002</td>
</tr>
<tr>
<td><strong>Heat Pad Control, 0-10VDC</strong> For use with Complete Barn Controls</td>
</tr>
<tr>
<td>FE-HPPM01</td>
</tr>
<tr>
<td><strong>Heat Pad Power Modulator, 120V</strong> Each Power Modulator operates one 16-Amp Circuit 1920W at 120V</td>
</tr>
<tr>
<td>FE-HPPM02</td>
</tr>
<tr>
<td><strong>Heat Pad Power Modulator, 240V</strong> Each Power Modulator operates one 16-Amp Circuit 3640W at 240V</td>
</tr>
<tr>
<td>FE-HPCPS1</td>
</tr>
<tr>
<td><strong>Heat Pad Power Supply, 120V</strong></td>
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<tr>
<td>FE-HPCPS2</td>
</tr>
<tr>
<td><strong>Heat Pad Power Supply, 240V</strong></td>
</tr>
<tr>
<td>FE-HPTS01</td>
</tr>
<tr>
<td><strong>Heat Pad Temperature Sensor</strong> 60 in. (152 cm) length</td>
</tr>
</tbody>
</table>

**UL and CSA CERTIFIED SAFE!**

**AUTOMATICALLY** ramp power from 0-100%
Use Stanfield accessories to help extend the life of your heat pads with Osborne Power Cord Protectors. The rugged and durable RTM-Glas™ construction ensures the Power Cord Protectors withstand the harshest environments. The Power Cord Protectors protect the cord from being chewed by growing piglets and extends the life of the heat pad.

The Herdstar® MicroZone Heat Pad Control System

- **Power Supply**
  - Catalog #: FE-HPCPS1 (110V) or FE-HPCPS2 (220V)
- **Power Modulator**
  - Catalog #: FE-HPPM01 (110V) or FE-HPPM02 (220V)
- **Heat Pad Control**
  - Catalog #: FE-HPC001 (standard) or FE-HPC002 (used with complete barn controls)
- **Temperature Sensor**
  - Catalog #: FE-HPTS01

Power Cord Protectors

- **Catalog #: FH-00F152**
  - Length: 24 in. (61 cm)
  - The F152 Power Cord Protector is ideal for protecting heat pad cords when fastened to the floor.

- **Catalog #: FH-00F150**
  - Length: 16 in. (41 cm)
  - The F150 Power Cord Protector is ideal for protecting heat pad cords when fastened to the floor. When a sharp 90° exit is required for the heat pad cord, the F150 is the ideal candidate.

Smart-Fasteners

Easily install Osborne’s Stanfield® Heat Pads, penning or other equipment with corrosion-resistant Smart-Fasteners from Osborne. The fasteners attach equipment to most farrowing and nursery plastic flooring.

The Smart-Fastener for plastic flooring requires a 0.40 in. (10 mm) slot opening for easy installation.

Use Stanfield accessories to help extend the life of your heat pads with Osborne Power Cord Protectors. The rugged and durable RTM-Glas™ construction ensures the Power Cord Protectors withstand the harshest environments. The Power Cord Protectors protect the cord from being chewed by growing piglets and extends the life of the heat pad.
The new Heat Pad Indicator Light provides visual confirmation that your Stanfield Heat Pads are providing heat at all times. Unlike other heat pad indicators, the Osborne Heat Pad Indicator Light features two lights. The bright red LED shows that the electrical circuit is functional, while the green LED provides reassurance that individual heat pads are drawing electricity and providing heat. This dual-light system helps troubleshoot electrical problems or easily locate heat pads requiring attention. The system mounts on standard, sealed single-gang electrical boxes and eliminates the need for infrared temperature wands or physically inspecting each pad to ensure it is properly heating.