



OSBORNE®

Heat Pad Controllers



Power Modulator
Catalog #:
FE-HPPM01 (120V)
FE-HPPM02 (240V)

Controller
Catalog #: FE-HPC001 (120/240V)
FE-HPC002 (0-10VDC)

Power Supply
Catalog #:
FE-HPCPS1 (120V)
FE-HPCPS2 (240V)

The Herdstar® MicroZone heat pad controller system has expandable capacity, automatic temperature control, and temperature ramping. Program the controller to automatically reduce the temperature control band to adjust for reduced heating requirements of growing piglets.

Osborne Heat Pad Controllers allow livestock producers to control the temperature of a single or full system of Stanfield® Heat Pads. Our line ranges from the wall-outlet F301 controller that manually controls a single heat pad to a feature-loaded, auto-ramping controller system expandable to control an entire room of heat pads with a single control. Our controllers help you deliver the optimal temperature for healthy animal development and maximum energy savings!

No matter the number of heat pads you have, Osborne is sure to have the controller you need!



Catalog #: FE-00F301

The F301 Manual Controller is perfect for controlling a single Stanfield® Heat Pad. This inexpensive model is a perfect fit for controlling a single heat pad for your pet.



Catalog #: FE-00F911

The F911 Economy Manual Controller is perfect for controlling two heat pads at once. This controller is built with two (2) outlets. Simply plug in and go!



Catalog #: FE-00F920A

The F920A Automatic Controller allows producers to automatically maintain a desired temperature for a system of Stanfield® Heat Pads. To expand the capacity over 2,400 watts, order Catalog # FE-00F920D.

Call us today to learn more about our Heat Pads and Controllers. Osborne's Heat Pad Controllers are one key to opening our Single Source Swine Solutions™.



Osborne Heat Pad Controller Specifications

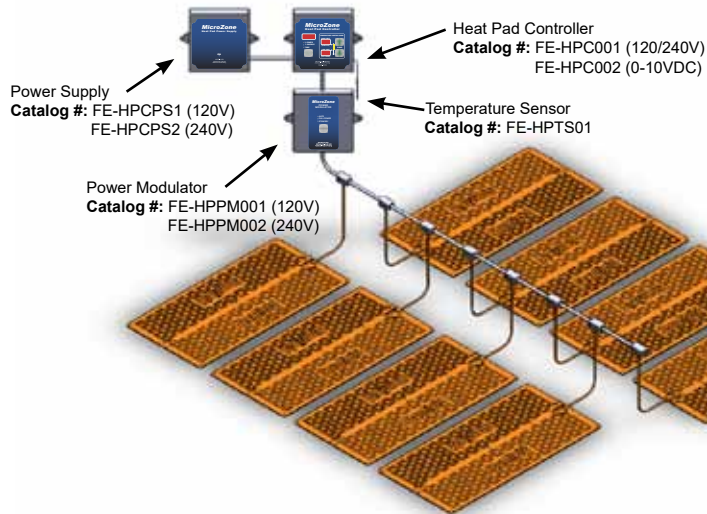
Catalog Number	Description	Enclosure Size (See Figure 1)			AC Line Input Voltage (Volts AC - 50/60 Hz)	Maximum Current Rating (Amps RMS)	Output Capacity (watts)	Temperature Ramping	Approvals
		A in (cm)	B in (cm)	C in (cm)					
FE-00F301	Single Pad, Manual Controller	3 (7.6)	2.25 (5.7)	2.5 (6.3)	115	3	300	No	UL Listed
FE-00F911	Economy, Manual Controller	4 (10.5)	2 (5)	2.75 (7)	120	5	600	No	
FE-00F920A FE-0HF920A	Automatic Control, 120V Automatic Control, 240V	8 (20.5)	4.25 (11)	3.5 (9)	120 240	20	2,400 4,800	No	CSA/NRTL (F920A)
FE-00F920D FE-0HF920D	High-Capacity Control, 120V High-Capacity Control, 240V	9.5 (24.5)	6.25 (16)	3.5 (9)	120 240	40 (20/circuit)	2,400/circuit 4,800/circuit	No	

**Expandable-Capacity, Automatic Controller System with Temperature Ramping -
SYSTEM REQUIRES CONTROLLER, MODULATOR, POWER SUPPLY, and SENSOR**

FE-HPC001 FE-HPC002	Controller, 120/240V Controller, 0-10VDC <i>(Note: one (1) Controller manages up to 12 Power Modulators)</i>	4 (10.5)	4 (10.5)	2 (5)	120/240 0-10VDC	-	-	Yes 0 to 100%	CSA/UL
FE-HPPM01 FE-HPPM02	Power Modulator, 120V Power Modulator, 240V <i>(Note: Each Power Modulator operates one 16-Amp Circuit)</i>	4 (10.5)	4 (10.5)	2 (5)	120 240	16/modulator	1920 (at 120V) 3840 (at 240V)	N/A	CSA/UL
FE-HPCPS1	Power Supply, 120V	4 (10.5)	4 (10.5)	2 (5)	120	-	-	N/A	CSA/UL
FE-HPCPS2	Power Supply, 240V	4 (10.5)	4 (10.5)	2 (5)	240	-	-	N/A	CSA/UL
FE-HPTS01	Temperature Sensor	60" (152)			-	-	-	N/A	CSA/UL

How it works:

1. Each **Power Modulator** (FE-HPPM01/FE-HPPM02) is designed to operate one (1) 16-Amp Circuit.
2. One **Controller** (FE-HPC001/FE-HPC002) manages up to twelve (12) **Power Modulators** (FE-HPPM01/FE-HPPM02).



**Enclosure Box
Measurements**

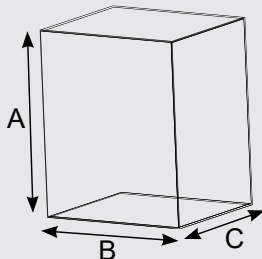


Figure 1

Single Source

SWINE SOLUTIONS™

Osborne Customer Service

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