Hired-Hand 24 Volt AC Power Supply

for Zone Infrared Brooders

1. Specifications:

| Input: 120/240VAC 50/60 Hz | Total Output: 10.0 A @ 24 VAC/per 4 Stages |

2. Purpose

The PS-24VAC is a Power Supply intended to operate 24VAC SPI Zone Brooders & 24VAC HSI SG Brooders. Since the PS-24 is only a power supply it must be used with a separate control device such as a thermostat or Hired Hand electronic controller. The PS-24VAC is capable of supplying 10 amperes of total current which can operate up to 30 SPI Zone Brooders.

⚠️ Warning!

Before connecting power to the machine, be sure to check the correct wiring for either 120VAC or 240VAC!

⚠️ Warning!

- Installation by a qualified electrician required.
- Wiring and connections must comply with all national and local electrical codes.
- Ensure all power is OFF before connecting power supply and power cable.
- When this controller is used in a life support heating and ventilation system where failure could result in loss or injury, the user should provide adequate back-up, or accept the risk of such loss or injury!

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PROPERTY DAMAGE, SERIOUS INJURY, OR DEATH.

3. Warranty

All products are warranted to be free from defects in material and workmanship for a period of one year from the date of purchase if installed and used in strict accordance with the installation instructions. Liability is limited to the sale price of any products proved to be defective or, at manufacturers option, to the replacement of such products upon their return. No products are to be returned to the manufacturer, until there is an inspection and/or a return-goods authorization (RGA) number is issued.

All complaints should be directed first to the authorized distributor who sold the product. If satisfaction is not obtained or the name of the distributor is not known, write the manufacturer that appears below, directed to the attention of Customer Service Manager.

This limited warranty is expressly in lieu of any and all representations and warranties expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose. The remedy set forth in this limited warranty shall be the exclusive remedy available to any person. No person has authority to bind the manufacturer to any representation or warranty other than this limited warranty. The manufacturer shall not be liable for any consequential damages resulting from the use of our products or caused by any defect, failure or malfunction of our products. (Some areas do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.)

This warranty gives you specific legal rights and you may also have other rights that vary from area to area.

Warrantor:

Hired-Hand Mfg., Inc.
1733 Co. Rd. 68
PO Box 99
Bremen, Alabama 35033
4. **Directions**

1. Unpack system, and check that all components are present.
2. Hang the PS-24VAC with four screws and the plastic mounting brackets included.
3. Make sure all power supplies are disconnected before breaking any wires, or reaching into the enclosure.
4. Open the PS-24 and find all connections. Refer to Wiring Diagrams.
5. Connect wires from stage terminals to the brooders. Refer to Wiring Diagrams.
6. Connect the wires for either 120V or 240V power to the terminals specified in the wiring diagram.

5. **SPI Zone Brooder Wiring to Control Device**

![SPI Zone Brooder Wiring Diagram]
6. HSI Zone Brooder Wiring to Control Device

7. 24 VAC Power Supply Wiring