



User Manual SPE-9600R and SPE-12800L quartz flash dryer

The SPE-9600R (and SPE-12800L) is a specialized quartz flash dryer developed to increase production and decrease energy usage for all textile facilities. The SPE-9600R uses state of the art thermal deflectors which optimize full heat output potential of each individual quartz halogen lamp. Loaded with options to include: thermal deflectors, 3 separate selectable zones, foot pedal and photo eye activation.

The SPE-9600R will provide a quality production run for every print shop. For further information please visit us at screenprintexpress.com or contact customer support at 574.457.6996 or via email at info@screenprintexpress.com

POWER SPECIFICATIONS

SPECS

- Model: SPE-9600L
- Max Cure Area 18"x20" (18" x 24" SPE-12800L)
- Dual Fan Cooling

Power Consumption

- 240 Single Phase
- Initial Amp Draw 40 running Amp 28 (50 Initial Amp Draw/ Running amp 38 SPE-1280L)
- (REQUIRES A MIN 30AMP PLUG NOT SUPPLIED)
- Open lead wire for easy installation

Wire diagram/ Installation

WHITE: POWER 110/120 VOLTS

BLACK: POWER 110/120 VOLTS

GREEN: GROUND/ NEUTRAL

WARRANTY WILL BE VOIDED IF INSTALLED INCORRECTLY. CERTIFIED ELECTRICIAN RECOMMENDED

Installation

The SPE-9600R quartz flash dryer comes complete and minor assembly is required.

1. There are four (4) base plate nuts (size 11mm) and four (4) washers that must be secured prior to use. Simply tighten the nuts to the screw leads from the upper base plate to the height adjustment shaft.
2. There are four (4) lead screws (5/32 wrench) and four (4) nuts (size 11mm) included to secure the height adjustment shaft to the lower base plate (lower base plate is the "H" frame that includes the wheels).
3. After securing the adjustable height shaft the height adjustment knob will need to be secured to the lead screw using a #4 wrench. Total height adjustment is 14" please contact for custom additional height adjustment. This completes the installation process.

For questions contact us at 574.457.6996 or info@screenprintexpress.com

OPERATION

The SPE-9600R quartz flash dryer is a sophisticated unit and should be operated under a controlled known environment.

After professionally wiring the unit into a power source, please follow the guidelines below for proper usage.

1. To power up the unit simply select the "ON" position located on the right side of the control panel.
2. To set the appropriate time use the center dial and simply turn to desired time length in 1 second increments.
3. Select the desired amount of lamps to be used on the left side of the control panel noted by a "Z." Turn each zone to the "ON" position for maximum curing.
4. To select foot pedal operation simply plug the foot pedal into the left side panel noted "FOOT PEDAL." *Foot pedal will only function with the photo eye in the "OFF" position.
5. To select photo eye sensor operation simply plug the photo eye into the right side panel noted "PHOTO EYE." Then turn the switch to the "ON" position. The photo eye must be lined up with the supplied magnetic reflector both can be placed on either the left or right side of the unit.
*Foot pedal will NOT function with the photo eye turned "ON."
6. Height adjustment is made possible using the knob located in the center of the base at the bottom of the height adjustment shaft. Turn the knob left or right to establish the appropriate height off platen.

LAMP REPLACEMENT

Lamp Removal

1. Turn unit "OFF"
2. Disconnect the unit from the main power source
3. Remove the qty. 4 1/4-20 button head bolts securing the hood to the aluminum light rails
4. Remove the high temp insulating tape securing the wires together
5. Remove the high temp ceramic lead wire retainers
6. Slide the wire through the retaining hole on the aluminum light rail
7. Slide the lamps from one side of the light rail passing through to the other side and remove

Lamp Installation

1. Slide new lamp continuously through one side passing through both ends of the aluminum light rail
2. Run lead wires from the lamp continuing through the retaining hole on the aluminum light rail
3. Reconnect the lead wire from the lamp to the supply wire using the high temp ceramic wire retainers
4. Using the high temp ceramic tape re-secure the lamp wires together along with the supply wire
5. Re-install the main hood taking note that all ceramic insulators are pushed in and clear
6. Re-secure the qty.4 1/4-20 button head bolts
7. Plug unit back into main power source
8. Turn unit to the "On" position
9. Test unit and run

Warranty and Disclosure

All parts both internal and external are covered with the unlimited warranty program for 90 days from original date of purchase. Simply contact us for parts or wiring diagrams directly at info@screenprintexpress.com

Operation outside of what is deemed normal usage will null and void any implied warranty.

