



Electric HOTBAG Heated Delivery System Assembly Instructions

1) **Before beginning the assembly process:**

- a) Verify that all parts have been shipped along with each 6 position power supply.

Parts Included:

- i) (1) 6 position Power Distribution Unit (PDU)
- ii) (12) 4" tie wraps (shipped inside PDU box).
- iii) (2) 7" tie wraps (shipped inside PDU box).
- iv) (2) 15" tie wraps (shipped inside PDU box).
- v) (6) 6ft output power cords (shipped inside PDU box).
- vi) (1) 6ft grounded AC input power cord (shipped inside PDU box).

b) **Required Tools:**

- i) For trimming the tie-wraps a pair of scissors or wire cutters is useful.
- ii) When putting the shelf together, a rubber mallet is helpful, but not required.

2) **Shelf Assembly (6 shelf unit at 48" w x 72" h x 18"d):**

- a) Assemble the shelf as directed by the Manufacturer and related instructions.
- b) The first shelf should be placed 12 inches above the floor, as marked on the pole of the shelving unit. The shelves should then be spaced 12 inches apart from each other all the way to the top of the unit.

3) **Wiring instructions:**

- a) Begin by setting up the PDU or PDU's (Power Distribution Unit).
- i) If using only one PDU, place the PDU on the middle shelf. If using two PDU's, place the PDU's on the second and fifth shelf, with the louver/vented opening of the PDU facing the outside of the shelving unit (See Figure 1).

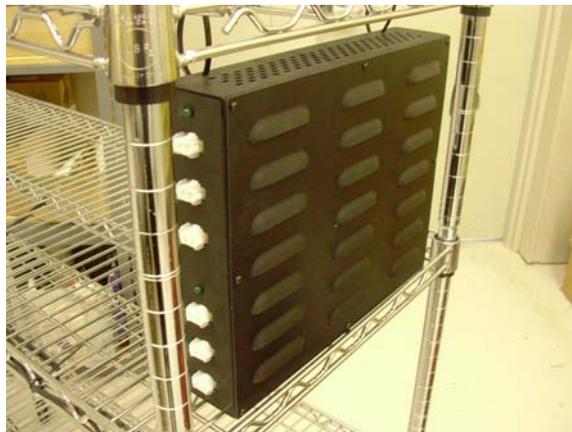


Figure 1

- ii) Once satisfied with the placement and spacing of the power unit(s), secure each PDU to the shelf using the enclosed tie-wraps (See Figure 1 and 2). It is strongly that the PDU be placed at the very edge of the shelf,

allowing for maximum shelf space (See Figure 2 and 3). The provided 7" tie wraps should be used to secure the base of the unit, and the 15" tie wraps to secure the top of the unit to the shelf above (See figure 2 and 3).



Figure 2

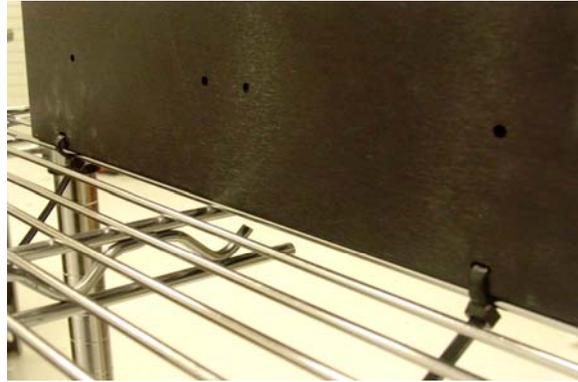


Figure 3

b) Once the PDU is in place you are ready to begin installing the wires.

- i) Depending on the number of bags and the size of your shelving unit, each shelf should have a minimum of one power cord and no more than two power cords per shelf. Plug each wire into the PDU first. Leaving sufficient slack near the PDU (see Figure 4), string the wire up through the inside corner of each shelf, being careful to keep the wires contained inside the framework of the shelf to prevent wear on the wires (See Figure 4).



Figure 4

- ii) After running the wires to the correct shelf through the corner, drop them back down under the shelf, so that the wire will not fall back through the inside corner (See Figure 5). This will put the wires in the final position for tie wrapping them down. (See Figure 5).



Figure 5: Tie wrapping wires to the inside of the shelving unit

- iii) After dropping the wire under the shelf, run them along the length of the shelf, looping the wire back on itself and tie wrapping to the front of the shelf, depending on the required length of wire (See Figure 5).
- iv) The ends of the wire should extend 8 to 10 inches so that it can be easily connected to the HOTBAG. This can be measured by keeping the wire about 3 inches from touching the shelf below it (See Figure 1).
- v) Repeat the above steps for every shelf until the entire unit is completed.

4) **Wiring Tips and Recommendations:**

- a) Keeping the wires inside the framework of the shelving unit is a good way to keep anything from rubbing up against the wires. Proper installation is critical for keeping and increasing the life of the product, as well as for the safety of those using it. Keep the wires under the shelf where they won't be subjected to any wear.
- b) The neater and less twisted the wires are, the easier they are to work with and the better the unit will look after completion. Take the time to keep the wires as straight as possible. This will also make the wires easier to distinguish in case there happens to be a problem with one of the wires and it needs to be replaced.
- c) Wiring is easier to deal with and uses less tie-wraps if one shelf at a time is wired. Connect the two wires that go to one shelf to the PDU, run the wires up the shelf together, and then adjust them for length. This way, instead of using a tie-wrap for only one section of wire, two or three can be gathered in the same place. (see Figure 5 and 6).
- d) Take your time and have someone to assist. The more time that gets put into assembly, the better the entire unit will look in the end, and an extra person is useful for shelf assembly and wiring.
- e) ***It is strongly recommended that the PDU(s) be plugged into a surge suppressing device, as this will help suppress potentially damaging transient electrical spikes, and add additional protection for your power supplies, above and beyond the built in surge suppression components.***

5) **IMPORTANT NOTICE**

Please note that the Power Distribution Unit is designed to be used in a vertical position, which allows for proper air flow and cooling of the internal electronics. A proper vertical position has the white connectors facing the front of the shelving unit, with the louvers of the power unit facing downward on the right side. ***THE POWER DISTRIBUTION UNIT IS NOT DESIGNED TO BE USED LAYING FLAT ON A SHELF OR OTHER SURFACE, AND USE OF THIS PDU IN ANY FASHION OTHER THAN THAT WHICH IS OUTLINED IN THE ABOVE INSTRUCTIONS WILL VOID ALL WARRANTIES, AND MAY RESULT IN PREMATURE FAILURE.***