



CORPORATE OFFICE

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ASSEMBLY INSTRUCTIONS FOR DELUXE SOLAR WAX MELTER M00505

Note: Separate and identify parts before assembling. Nail sizes may vary due to availability.

User Instructions

To load, remove the lid, position the melt pans with screens and the collecting pan and replace the lid. Be sure the front access door is closed. During operation, collecting pans can be removed and replaced by sliding the front access door right or left. Note that this unit is capable of reaching temperatures of 190° F or higher. The open position of the front access door can be used to regulate inside temperature.

Before melting, open a hole in the bottom of one end of the aluminum melting pan, if provided. This hole or the melting screen may require a cloth type filter to remove impurities.

Best performance is achieved when the outside temperature is 75°F or higher. Allow approximately one-half hour for the inside to reach melting temperature. Bright sun yields the best results. Short periods of shade will have only minor impact on melting performance.

Direct questions or comments to Dadant & Sons, Inc. at 1-888-922-1293 (toll-free) or (217) 847-3324 or e-mail us at dadant@dadant.com or 51 S 2nd Street, Hamilton, IL 62341.



Specifications

- Over-all size Deluxe Unit – 27½" x 18¼" x 18"
- Weight Deluxe Unit – 28.2 pounds
- Inside dimensions melting area – 18" x 15" x 5½"
- Inside dimensions collecting area – 15" x 7¼" x 5½"
- Nominal Melting Pan size (pan not included) – 17" x 12" x 3"
- Nominal Collecting Pan size (pan not included) – 11" x 5" x 3½"
- Stainless Steel Melting Screen – 19" x 14½" with 1" x ¾" openings

Materials/Construction

- 7 to 11 layer hardwood plywood
- Poplar hardwood frame and door guide components
- Assembled with waterproof, high strength urethane adhesive and 16 ga., power driven T-head, glue coated nails, not exposed
- Solar transfer via multi-wall structured polycarbonate sheet, 10 mm thick

Finishes

- Heating area – Flat black acrylic enamel paint
- Non-heating area – Polycrylic sealer which can be sanded and painted

Performance Specifications

Test Conditions:

- Performed at LAT 42.6697062 Long 88.9987978
- Date per results graph
- Empty Unit
- Ambient temperature is surface temperature, not air temperature
- Inside temperature taken with Deluxe Kit thermometer

Results:

- Starting ambient temperature – 75° F
- Time to achieve melt temperature – ½ hour
- Maximum temperature achieved – 190° F
- Time at melt temperature (projected) – 7 hours