

Model 6V

# Phantom® Heating System



Item# E333



(12 mini tanks option)

## Description:

Six stainless steel quart (6x946ml) sized tanks (vats), in black copolymer housing for minimum heat radiation and maximum thermal insulation. Designed to optimally heat optical lens tinting solutions and other similar materials. The standard six quart (6x946ml) unit can hold up to 12 mini vats (optional). The system incorporates one 1500 Watt stainless steel heating element, designed specifically for heating OptiSafe Heat Transfer Fluid without burning it. This is a common problem in many heating units. The system is also supplied complete with vats, lids and starter kit for professional lens tinting.

## Specifications:

**Heating Element:** 1 stainless steel 1500 Watt

**Watt Density of Heating Unit:** 33 W/sq. in

**Heater Type:** Tubular

**Power Requirements:** 120VAC, 60 Hz, 3-terminal electric outlet protected with 20 Amp circuit breaker. 230 VAC, 50 Hz (Optional)

**Heating Solutions:** Non-combustible, non-toxic, and non-reactive with stainless steel

**Heating Medium:** OptiSafe H.T.F., 1.75 gallons (6.62 liters)

**Thermostat Range:** 60° F to 250° F (15.55 to 121.1°C)

**Dimensions:** 16.3125 x 15.125 x 9 in. (41.43 x 38.42 x 22.86 cm)

**Weight without H. T. F.:** 20 lbs. (9.1kg)

**Housing:** Copolymer material

**Insulation:** Fiberglass and silicon rubber

- Fast heatup time
- Overflow channel to catch spilled chemicals
- 6 quart (6x946ml) size standard system holds up to 12 mini tanks
- 60°F - 250°F (15.55 to 121.1°C) temperature control
- Copolymer housing for minimum heat radiation
- Uniform temperature
- Durable stainless steel heating elements, HTF tank, vats and lids
- ETL approved
- Heavy duty. Designed for production operations
- Starter kit



Stainless steel quart and mini tanks (vats). Each quart tank can be replaced with two mini tanks.



Thermostat control dial offers accurate adjustment of the temperature.



Stainless steel inner tank and heating elements are compatible with all heating fluids and solutions.



Tinting is simply done by dipping lenses into hot dye solution.

One full year warranty parts and labor.

## Warranty: Packaging & Shipping

1. The Phantom Heating System, item #E333 is packaged in a 20 x 20 x 11 in. (50.8 x 50.8 x 27.94 cm) craft box. Shipping weight=22 lbs. (9.98kg)

2. OptiSafe H.T.F. (1.75 gallons (6.62 liters)) and starter kit are packaged in a 15 x 15 x 12 in. (38.1 x 38.1 x 30.48 cm) craft box. Shipping weight=28 lbs (12.7kg)

Total shipping weight=50 lbs. (22.68kg)

Item# E333 for 120V, 60 Hz.

Item# E333-230 for 230V, 50 Hz.



For a Quote or more information contact  
**Grimes Optical Equipment, LLC**  
800.749.8427 or [www.grimesoptical.com](http://www.grimesoptical.com)