

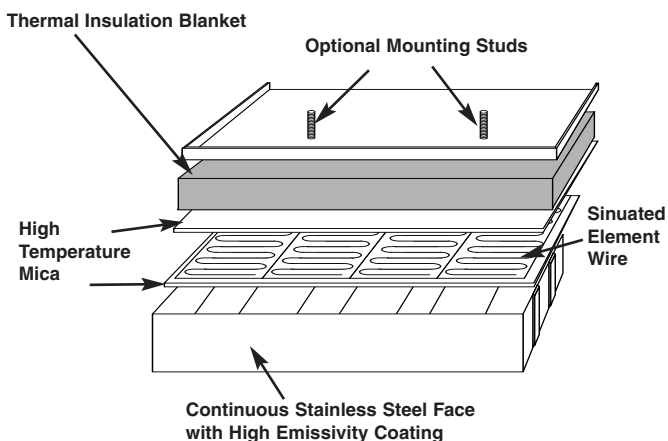
RAYMAX® 1010— Ideal For Use In Screen Printing, Food Warming and Other Low Heat Applications

Designed to resist contamination, the RAYMAX® 1010 is ideal for use in screen printing, food warming and other low heat applications. The heater's "sealed face" keeps contaminants away from the heating element, and this metal surface can be easily wiped or brushed clean whenever needed.

The rugged, all-metal construction results in a shock-proof, shatter-proof heater that is durable and long lasting. No fragile glass, ceramic or fiber is used.

Applications

- Drying screen-printed textiles
- Curing process coatings on circuit boards
- Food warming/cooking
- Epoxy curing
- Thermoforming



Features and Benefits

Uniform full surface heat source

- Provides better, more even heat

No reflectors

- No cleaning or replacing

Accurate and repeatable

- Temperature sensing options

Convenient ready-to-use package

- Makes installation easier

One-inch thick backside insulation

- Reduces losses

UL® component recognized

- Versions are available

Totally sealed version available

- Suitable for hose down applications



12001 Lackland Road
St. Louis, Missouri 63146 USA
Phone: +1 (314) 878-4600
FAX: +1 (314) 878-6814
Internet: www.watlow.com
e-mail: info@watlow.com

STL-1010-0805

UL® is a registered trademark of the Underwriter's Laboratories.



Applications and Technical Data Sizes and Ratings

Thickness

- 1.87 inch (47.4 mm)

Volts

- 120, 240, 480V~(ac), 1-phase. 3-phase available on unit widths divisible by 6.

Watt density

- Up to 10 W/in² (1.5 W/cm²), 50 amps max.

Face temperature

- Up to 1000°F (540°C)

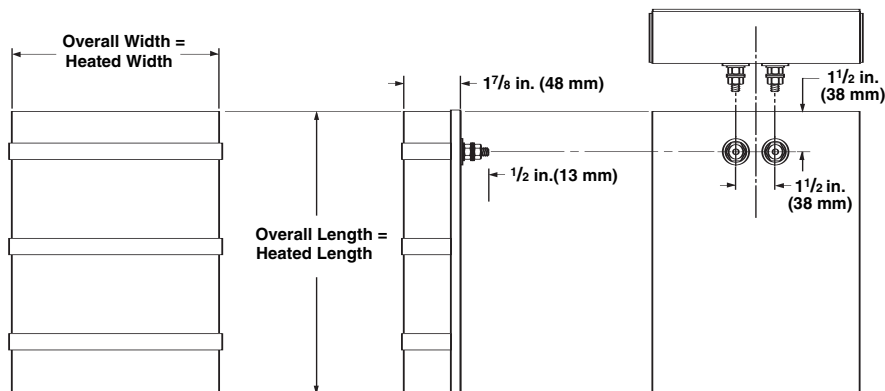
Typical peak energy wavelength

- 3.5-4 microns

Specifications

Heater Dimensions	Min.	Max.	Increments
Width: inches (mm)	4 (101.6)	20 (508)	2 (50.8)
Length: inches (mm)	10 (254)	68 (1727.2)	any
Area: in ² (cm ²)		864 (5574)	any

Note: Less than maximum length X width may exceed maximum area.



Note: Replacement heaters are provided with flange and silicone rubber gasket.

Options

- Terminal box
- Thermowell (VAT style thermocouple required)
- Thermocouple pocket (thermocouple required)
- Thermocouple welded to hot face
- Mounting studs
- Totally sealed construction
- Food-safe surface treatment

How to Order

All units are made-to-order. Please specify the following information when placing an order:

- Width and length
- Total wattage
- Voltage and phase
- Mounting studs, if desired
- Terminal location, if non-standard
- Terminal box, if desired
- Internally welded thermocouple or thermowell, if desired

Availability

Please consult Watlow for lead time required.

To be automatically connected to the nearest North American Technical and Sales Office call:

1-800-WATLOW2

International Technical and Sales Offices: China, +86 (21) 5211-0231 • France, +33 (01) 3073-2425 • Germany, +49 (0) 7253-9400-0 • Italy, +39 (02) 458-8841 • Japan, +81 (03) 3518-6630 • Korea, +82 (02) 575-9804 • Malaysia, +60 (4) 641-5977 • Mexico, +52 (442) 217-6235 • Singapore, +65 6773-9488 • Spain, +34 91 675 12 92 • Sweden, +46 31 7014959 • Taiwan, +886 (0) 7-288-5168 • United Kingdom, +44 (0) 115-964-0777