

## SINGLE HAIRPIN ELEMENT RADIANT PROCESS HEATERS

### U-RAD Series



U-RAD-3V/208V  
shown smaller  
than actual size.

- ✓ 0.80 to 3.6 kW
- ✓ 120, 208, 240, 480V
- ✓ 816°C (1500°F) Max Sheath Temperature
- ✓ 3/8" Dia. Incoloy® Sheath
- ✓ 3.66 kW/ft<sup>2</sup>

### Applications

- ✓ Roll Heating
- ✓ Shrink Fitting
- ✓ Pre-Heating Glass for Polishing, Drying and Sterilizing
- ✓ Fast Moving Webs and Other Applications in Which High Temperatures Will Not Damage the Materials

### Features

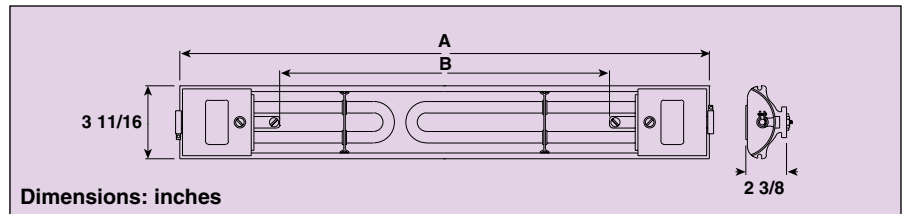
**Complete, ready-to-connect assembly** with adjustable terminal housing, which permits easy interchange of elements to accommodate work of varying dimensions.

**Power connections are made at one end**, using high temperature wire.

**Control.** Radiant output may be accurately controlled with a temperature controller (See Section P).

**Protective Grilles.** Snap-in sections protect personnel and work from contact with hot elements.

**Additional sizes and ratings** are available. Contact OMEGALUX for price and availability.



### To Order

kW	Volts	Dim. in		Model No.	Wt. lb	Model No. Optional Grille	Replacement Elements
		A	B				
<b>Single U-Shaped Element</b>							
0.8	120	12 <sup>3</sup> / <sub>4</sub>	8 <sup>5</sup> / <sub>16</sub>	<b>U-RAD-2/120V</b>	4	GR-800	UTU-2
0.8	208	12 <sup>3</sup> / <sub>4</sub>	8 <sup>5</sup> / <sub>16</sub>	<b>U-RAD-2V/208V</b>	4	GR-800	UTU-2V
0.8	240	12 <sup>3</sup> / <sub>4</sub>	8 <sup>5</sup> / <sub>16</sub>	<b>U-RAD-2/240V</b>	4	GR-800	UTU-2
1.1	120	15 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	<b>U-RAD-3/120V</b>	5	GR-800	UTU-3
1.1	208	15 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	<b>U-RAD-3V/208V</b>	5	GR-800	UTU-3V
1.1	240	15 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	<b>U-RAD-3/240V</b>	5	GR-800	UTU-3
1.8	208	23 <sup>13</sup> / <sub>16</sub>	19%	<b>U-RAD-4V/208V</b>	7	GR-2	UTU-4V
1.8	240	23 <sup>13</sup> / <sub>16</sub>	19%	<b>U-RAD-4/240V</b>	7	GR-2	UTU-4
1.8	480	23 <sup>13</sup> / <sub>16</sub>	19%	<b>U-RAD-4/480V</b>	7	GR-2	UTU-4
2.5	208	31 <sup>1</sup> / <sub>4</sub>	26 <sup>13</sup> / <sub>16</sub>	<b>U-RAD-5V/208V</b>	8	GR-3	UTU-5V
2.5	240	31 <sup>1</sup> / <sub>4</sub>	26 <sup>13</sup> / <sub>16</sub>	<b>U-RAD-5/240V</b>	8	GR-3	UTU-5
2.5	480	31 <sup>1</sup> / <sub>4</sub>	26 <sup>13</sup> / <sub>16</sub>	<b>U-RAD-5/480V</b>	8	GR-3	UTU-5
3.0	208	37 <sup>1</sup> / <sub>4</sub>	32 <sup>13</sup> / <sub>16</sub>	<b>U-RAD-6V/208V</b>	10	(2) GR-2	UTU-6V
3.0	240	37 <sup>1</sup> / <sub>4</sub>	32 <sup>13</sup> / <sub>16</sub>	<b>U-RAD-6/240V</b>	10	(2) GR-2	UTU-6
3.0	480	37 <sup>1</sup> / <sub>4</sub>	32 <sup>13</sup> / <sub>16</sub>	<b>U-RAD-6/480V</b>	10	(2) GR-2	UTU-6
3.6	208	43%	38 <sup>15</sup> / <sub>16</sub>	<b>U-RAD-7V/208V</b>	12	GR-4	UTU-7V
3.6	240	43%	38 <sup>15</sup> / <sub>16</sub>	<b>U-RAD-7/240V</b>	12	GR-4	UTU-7
3.6	480	43%	38 <sup>15</sup> / <sub>16</sub>	<b>U-RAD-7/480V</b>	12	GR-4	UTU-7

**Ordering Example:** U-RAD-2/120V, single U-shaped element heater, 0.8 kW, 120V.

**Caution:** Hazard of fire. These radiant heaters must not be operated in the presence of flammable vapors, gases or combustible materials, without proper ventilation and/or other safety precautions either in compliance with the National Fire Protection Bulletin 86A entitled "Ovens and Furnaces" or the authority having jurisdiction.