

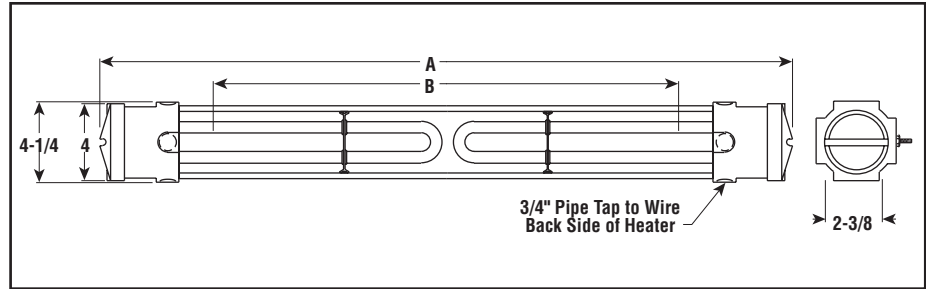
U-RAD-LT

Liquid-Tight, Double-Hairpin Element Radiant Heater

- 3.66 kW/Ft²
- 1.6 - 7.2 kW
- 120, 208, 240, 275 and 480 Volt
- 3/8" Dia. INCOLOY® Sheath Elements (type UTU-LT)
- 1500°F Max. Sheath Temp.



Dimensions (Inches)



Applications

- Food Processing
- Water Intake Screens
- Conveyor Belt Heating
- Outdoor Comfort Heating
- Facilities Washdown Operations
- Winter Applications where element needs to be shielded from strong drafts and wind

Features

Complete, Ready-to-Install and connect assembly.

Movable Mounting Clamps and Bolts are supplied to accommodate many mounting configurations such as banks, tunnels and oven sections.

Process Temperature Control — Radiant heater output may be controlled with Chromalox SCR Power Controllers, Percentage Timing Input Controls and Non-Contact Temperature Sensors. See the Controls section of this catalog.

Power Connections are made at both ends, using high-temperature wire.

Accessories

Protective Grille — Optional snap-in sections help protect personnel and work from contact with hot elements.

Special Protective Terminal Cover provides liquid-tight protection to terminals.

Construction

Liquid-Tight Terminal Enclosure for outdoor or hose-down locations.

Enclosed Chromalox Alloy-Sheath Tubular Heating Element is completely isolated and supported on secondary insulation for improved electrical safety. Designed for long life, the element is more resistant to hard blows than quartz lamp or tube and open coil types. Elements include bulkhead threaded fittings to ensure a water-tight seal.

Rigid Extruded Aluminum Housing protects heating element from harsh industrial environments.

Highly Polished Aluminum Reflectors give good reflectivity and heat transfer, and are easily cleaned to maintain energy efficiency.

Specifications and Ordering Information

kW	Volts	Length (In.)		Model	Stock	PCN	Optional Grille ²	Replacement Elements ¹	Wt. (Lbs.)
		Overall A	Heated B						
1.6	120	26-1/8	16-5/8	U-RAD-22LT	NS	119263	(1) GR-2	(2) UTU-2LT	14
1.6	208	26-1/8	16-5/8	U-RAD-22VLT	NS	119280	(1) GR-2	(2) UTU-2VLT	14
1.6	240	26-1/8	16-5/8	U-RAD-22LT	NS	119271	(1) GR-2	(2) UTU-2LT	14
1.6	275	26-1/8	16-5/8	U-RAD-22VLT	NS	119298	(1) GR-2	(2) UTU-2VLT	14
1.9	120	29-1/4	19-3/4	U-RAD-32LT	NS	119300	(1) GR-2	(1) UTU-3LT, (1) UTU-2LT	15
1.9	208	29-1/4	19-3/4	U-RAD-32VLT	NS	119327	(1) GR-2	(1) UTU-3VLT, (1) UTU-2VLT	15
1.9	240	29-1/4	19-3/4	U-RAD-32LT	NS	119319	(1) GR-2	(1) UTU-3LT, (1) UTU-2LT	15
1.9	275	29-1/4	19-3/4	U-RAD-32VLT	NS	119335	(1) GR-2	(1) UTU-3VLT, (1) UTU-2VLT	15
2.2	120	32-3/8	22-7/8	U-RAD-33LT	NS	119343	(1) GR-3	(2) UTU-3LT	16
2.2	208	32-3/8	22-7/8	U-RAD-33VLT	NS	119360	(1) GR-3	(2) UTU-3VLT	16
2.2	240	32-3/8	22-7/8	U-RAD-33LT	NS	119351	(1) GR-3	(2) UTU-3LT	16
2.2	275	32-3/8	22-7/8	U-RAD-33VLT	NS	119378	(1) GR-3	(2) UTU-3VLT	16
2.6	208	37-1/8	27-11/16	U-RAD-42VLT	NS	119394	(1) GR-3	(1) UTU-2VLT, (1) UTU-4VLT	17
2.6	240	37-1/8	27-11/16	U-RAD-42LT	NS	119386	(1) GR-3	(1) UTU-2LT, (1) UTU-4LT	17
2.6	275	37-1/8	27-11/16	U-RAD-42VLT	NS	119407	(1) GR-3	(1) UTU-2VLT, (1) UTU-4VLT	17
2.9	208	40-1/4	30-13/16	U-RAD-43VLT	NS	119423	(2) GR-2	(1) UTU-3VLT, (1) UTU-4VLT	18
2.9	240	40-1/4	30-13/16	U-RAD-43LT	NS	119415	(2) GR-2	(1) UTU-3LT, (1) UTU-4LT	18
2.9	275	40-1/4	30-13/16	U-RAD-43VLT	NS	119431	(2) GR-2	(1) UTU-3VLT, (1) UTU-4VLT	18
3.6	208	48-1/8	38-11/16	U-RAD-44VLT	NS	119466	(1) GR-4	(2) UTU-4VLT	20
3.6	240	48-1/8	38-11/16	U-RAD-44LT	NS	119440	(1) GR-4	(2) UTU-4LT	20
3.6	275	48-1/8	38-11/16	U-RAD-44VLT	NS	119474	(1) GR-4	(2) UTU-4VLT	20
3.6	480	48-1/8	38-11/16	U-RAD-44LT	NS	119458	(1) GR-4	(2) UTU-4LT	20