

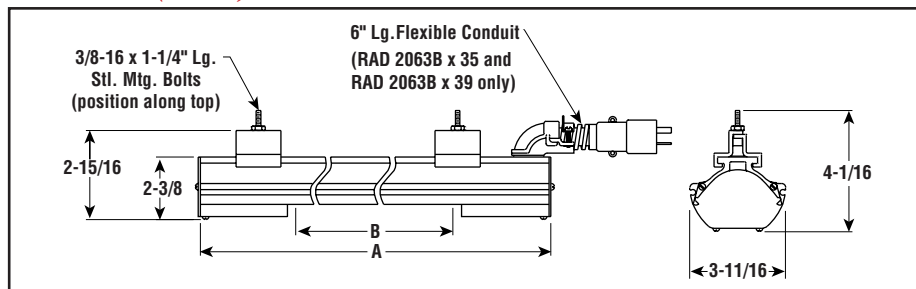
RAD

Single Element Radiant Heater

- 1.83 kW/Ft²
- 0.4 - 4.5 kW
- 120, 208, 240, 275 and 480 Volt
- 3/8" Dia. INCOLOY® Sheath Elements (Type RTU)
- 1500°F Max. Sheath Temp.



Dimensions (Inches)



Applications

- Finish Curing
- Latex and Resin Curing
- Plastics Processing
- Ink Drying
- Textile and Non-Woven Fabric Manufacturing
- Paper and Paperboard Manufacturing
- Food Processing
- Ceramic Drying

Features

Complete, Ready-to-Connect Assembly available in various lengths to accommodate work of varying dimensions.

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.

Additional Sizes and Ratings — Contact your Local Chromalox Sales office for price and availability.

Single Ended Wiring — Heaters may be furnished single-end wired with 18" leads as standard. Add the suffix SE to model number.

Construction

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.

Rigid Extruded Aluminum Housing helps protect heating element from harsh industrial environments.

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

Accessories

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

Companion Reflector — Optional radiant companion reflectors improve oven efficiency. See Radiant Accessories in this section.

Pipe Plug — Used to close tapped wiring entry holes. See Radiant Accessories in this section.

METAL SHEATH
RADIANT

RAD

Single Element Radiant Heater *(cont'd.)*

Specifications and Ordering Information

kW	Volts	Length (In.)		Model	Stock	PCN	Optional Grille ³	Replacement Elements ¹	Wt. (Lbs.)
		Overall A	Heated B						
0.4	120	13-5/8	7-3/4	RAD-2063BX35²	S	110015	(1) GR-800	RTU-2063AX35	4
0.65	120	20	14-1/8	RAD-2063BX29²	S	110023	(1) GR-800	RTU-2063AX29	4
0.8	120	24-3/8	16-1/2	RAD-2083B	S	110031	(1) GR-2	RTU-2083A	4
0.8	208	24-3/8	16-1/2	RAD-2083BV	S	110058	(1) GR-2	RTU-2083AV	4
0.8	240	24-3/8	16-1/2	RAD-2083B	S	110040	(1) GR-2	RTU-2083A	4
0.8	275	24-3/8	16-1/2	RAD-2083BV	NS	110066	(1) GR-2	RTU-2083AV	4
1.1	120	30-5/8	22-3/4	RAD-3113B	S	110074	(1) GR-3	RTU-3113A	5
1.1	208	30-5/8	22-3/4	RAD-3113BV	S	110090	(1) GR-3	RTU-3113AV	5
1.1	240	30-5/8	22-3/4	RAD-3113B	S	110082	(1) GR-3	RTU-3113A	5
1.1	275	30-5/8	22-3/4	RAD-3113BV	AS	110103	(1) GR-3	RTU-3113AV	5
1.3	208	35-7/8	28-5/16	RAD-3133BV	NS	114841	(1) GR-3	RTU-3133AV	6
1.3	240	35-7/8	28-5/16	RAD-3133B	AS	114850	(1) GR-3	RTU-3133A	6
1.3	275	35-7/8	28-5/16	RAD-3133BV	NS	114868	(1) GR-3	RTU-3133AV	6
1.3	480	35-7/8	28-5/16	RAD-3133B	AS	114876	(1) GR-3	RTU-3133A	6
1.8	208	46-5/8	38-1/2	RAD-4183BV	S	110138	(1) GR-4	RTU-4183AV	8
1.8	240	46-5/8	38-1/2	RAD-4183B	S	110111	(1) GR-4	RTU-4183A	8
1.8	275	46-5/8	38-1/2	RAD-4183BV	AS	110146	(1) GR-4	RTU-4183AV	8
1.8	480	46-5/8	38-1/2	RAD-4183B	S	110120	(1) GR-4	RTU-4183A	8
2.15	208	53-7/8	45-7/16	RAD-5213BV	NS	114884	(1) GR-4	RTU-5213AV	9
2.15	240	53-7/8	45-7/16	RAD-5213B	NS	114892	(1) GR-4	RTU-5213A	9
2.15	275	53-7/8	45-7/16	RAD-5213BV	NS	114905	(1) GR-4	RTU-5213AV	9
2.15	480	53-7/8	45-7/16	RAD-5213B	NS	114913	(1) GR-4	RTU-5213A	9
2.5	208	61-3/8	53-3/8	RAD-5253BV	S	110170	(1) GR-5	RTU-5253AV	10
2.5	240	61-3/8	53-3/8	RAD-5253B	S	110154	(1) GR-5	RTU-5253A	10
2.5	275	61-3/8	53-3/8	RAD-5253BV	S	110189	(1) GR-5	RTU-5253AV	10
2.5	480	61-3/8	53-3/8	RAD-5253B	S	110162	(1) GR-5	RTU-5253A	10
2.7	208	65-7/8	58-1/4	RAD-6273BV	NS	114921	(1) GR-5	RTU-6273AV	11
2.7	240	65-7/8	58-1/4	RAD-6273B	NS	114930	(1) GR-5	RTU-6273A	11
2.7	275	65-7/8	58-1/4	RAD-6273BV	NS	114948	(1) GR-5	RTU-6273AV	11
2.7	480	65-7/8	58-1/4	RAD-6273B	NS	114956	(1) GR-5	RTU-6273A	11
3	208	73-3/4	65-3/4	RAD-6303BV	S	110218	(1) GR-6	RTU-6303AV	12
3	240	73-3/4	65-3/4	RAD-6303B	S	110197	(1) GR-6	RTU-6303A	12
3	275	73-3/4	65-3/4	RAD-6303BV	S	110226	(1) GR-6	RTU-6303AV	12
3	480	73-3/4	65-3/4	RAD-6303B	S	110200	(1) GR-6	RTU-6303A	12
3.35	208	79-7/8	72-1/4	RAD-7333BV	NS	114964	(1) GR-6	RTU-7333AV	13
3.35	240	79-7/8	72-1/4	RAD-7333B	NS	114972	(1) GR-6	RTU-7333A	13
3.35	275	79-7/8	72-1/4	RAD-7333BV	NS	114980	(1) GR-6	RTU-7333AV	13
3.35	480	79-7/8	72-1/4	RAD-7333B	NS	114999	(1) GR-6	RTU-7333A	13
3.6	208	85-3/4	78	RAD-7363BV	S	110250	(2) GR-4	RTU-7363AV	14
3.6	240	85-3/4	78	RAD-7363B	S	110234	(2) GR-4	RTU-7363A	14
3.6	275	85-3/4	78	RAD-7363BV	AS	110269	(2) GR-4	RTU-7363AV	14
3.6	480	85-3/4	78	RAD-7363B	S	110242	(2) GR-4	RTU-7363A	14
4.5	208	106	97-1/2	RAD-8453BV	NS	115000	(2) GR-4, (1) GR-2	RTU-8453AV	17
4.5	240	106	97-1/2	RAD-8453B	AS	115019	(2) GR-4, (1) GR-2	RTU-8453A	17
4.5	275	106	97-1/2	RAD-8453BV	NS	115027	(2) GR-4, (1) GR-2	RTU-8453AV	17
4.5	480	106	97-1/2	RAD-8453B	AS	115035	(2) GR-4, (1) GR-2	RTU-8453A	17

Stock Status: S = stock AS = assembly stock NS = non-stock

To Order—Specify model, PCN, kW, volts, quantity, optional grille and replacement elements (if needed).

1. Refer to Tubular Heaters section.
2. Includes 6" BX and two-prong plug.
3. See Accessories in this section for ordering information.