

Process Radiant Heaters Selection Guidelines

- **Metal Sheath, Medium Intensity & Medium Wavelength**
- **Wide Area Quartz Panels**

Selection Guidelines

The metal-sheath type heater is easily installed and may be operated in any position. The units may be mounted to form banks, tunnels or oven sections.

Chromalox offers heaters in two standard intensities. 1.83 kW per sq. ft. — type RAD. Adequate intensity for about 80% of all applications including finish curing.

3.66 kW per sq. ft. — type RADD, U-RAD and U-RAD-LT speed up webfed and conveyORIZED operations in which excessive temperatures

will not cause damage. Examples are water dry-off, shrink fitting and weld preheating.

Liquid-tight housings are available for single and double hairpin designs where moisture resistance is desired.

Wide area panels can give a wide, flat infrared radiation pattern where needed.

See the following selection guidelines to find more product information.

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Type	Feature	kW Rating	Model	Page
RAD Series	Mounting Methods			E-26
Metal Sheath/ Medium Wavelength/ Medium Intensity	Single Element - 1.83 kW/Ft ²	0.4 - 4.5	RAD	E-27
	Double Element - 3.66 kW/Ft ²	1.6 - 13	RADD	E-29
	Single Element - Single End	0.9 - 4.4	S-RAD	E-31
	Single Element - Hermetically Sealed	0.7 - 3.6	RAD-H	E-33
	Single Hairpin Element	0.8 - 3.6	U-RAD®	E-34
	Double Hairpin Element	1.6 - 7.2	U-RAD®	E-36
	Single Hairpin Assembly	0.8 - 3.6	RUTU	E-38
	Liquid-Tight, Single Hairpin	0.8 - 3.6	U-RAD-LT	E-39
	Liquid-Tight, Double Hairpin	1.6 - 7.2	U-RAD-LT	E-40
	Single Element, Double Hairpin	1.6 - 7.8	DU-RAD	E-42
	Three Element	3.2 - 15.0	DU-RAD	E-43
	Accessories			E-47
Wide Area	CP Series	0.55 - 18	CPH, CPL, CPLI	E-48
	Quartz - High Intensity	1.8 - 4.8	CPHI	E-50