

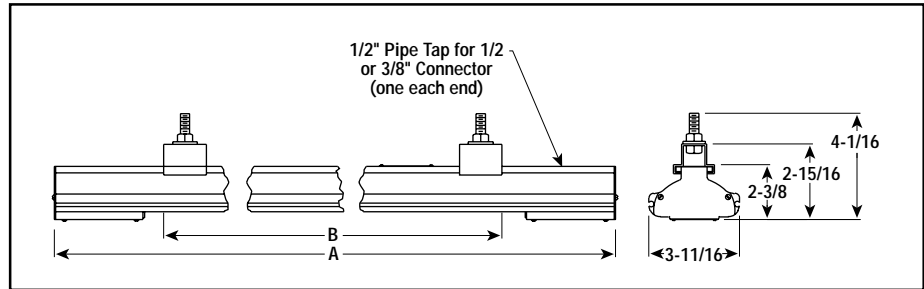
QRT

Quartz Tube Radiant Heater



- 1.33 kW/Ft² (3/8" Dia. Quartz)
- 1.75 kW/Ft² (1/2" Dia. Quartz)
- 0.35 - 4.3 kW
- 120, 240 and 480 Volt
- Quartz Elements
- 1600°F Max. Source Temp.

Dimensions (Inches)



Applications

- Roll Heating
- Thermoforming
- Laminating
- Embossing
- Post Forming
- Film Shrinking Palletized Loads
- Fused Coatings (Platisols, Organisols)
- Preheat and Postheat Materials for Fluidized Bed Coatings, Ink and Paint Drying

Features

Higher Operating Temperatures than metal sheath elements permit faster work speeds in some applications.

More Responsive Heat-Up/Cool-Down makes quartz tube heaters suitable for applications requiring immediate operating temperature and/or quickly reduced heat in event of work stoppage.

Quartz Elements are Highly Resistive to Thermal Shock but are subject to mechanical breakage. This can be minimized by careful handling and the use of protective grilles which are furnished separately.

Specially Designed Terminal Blocks adjust for 3/8 or 1/2" dia. quartz elements.

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.

Construction

Quartz Elements are Mounted in Sturdy Extruded Aluminum Housing containing a

highly polished aluminum parabolic reflector.

Easy Horizontal Mounting Only — Mounting clamps and bolts are furnished for back attachment to straight or specially formed steel straps, etc. Housing may only be in any position in horizontal plane.

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.

Specifications and Ordering Information

DIM (In.)		QRT with 3/8" Quartz Tube						QRT with 1/2" Quartz Tube						Optional Grille
A	B	kW	Volts	Model	Stock	PCN	Replacement Elements	kW	Volts	Model	Stock	PCN	Replacement Elements	
18-1/16	10	0.35	120	QRT-10B130	NS	118607	1-047624	0.47	120	QRT-10B150	NS	118674	1-050048	(1) GR-800
24-1/16	18	0.55	120	QRT-16B130	NS	118615	2-047624	0.73	120	QRT-16B150	NS	118682	2-050048	(1) GR-2
24-1/16	18	0.55	240	QRT-16B230	NS	118623	4-047624	0.73	240	QRT-16B250	NS	118690	4-050048	(1) GR-2
33-1/16	25	0.85	120	QRT-25B130	NS	118631	5-047624	1.1	120	QRT-25B150	NS	118703	5-050048	(1) GR-3
33-1/16	25	0.85	240	QRT-25B230	NS	118640	7-047624	1.1	240	QRT-25B250	NS	118711	7-050048	(1) GR-3
45-15/16	38	1.3	240	QRT-38B230	NS	118658	10-047624	1.7	240	QRT-38B250	NS	118720	10-050048	(1) GR-4
45-15/16	38	1.3	480	QRT-38B430	NS	118666	12-047624	1.7	480	QRT-38B450	NS	118738	12-050048	(1) GR-4
60-15/16	53	—	—	—	—	—	—	2.4	240	QRT-53B250	NS	118746	14-050048	(1) GR-5
60-15/16	53	—	—	—	—	—	—	2.4	480	QRT-53B450	NS	118754	16-050048	(1) GR-5
72-9/16	65	—	—	—	—	—	—	2.9	240	QRT-65B250	NS	118762	18-050048	(1) GR-6
72-9/16	65	—	—	—	—	—	—	2.9	480	QRT-65B450	NS	118770	20-050048	(1) GR-6
85-7/8	78	—	—	—	—	—	—	3.5	240	QRT-78B250	NS	118789	21-050048	(2) GR-4
85-7/8	78	—	—	—	—	—	—	3.5	480	QRT-78B450	NS	118797	23-050048	(2) GR-4
103-7/8	96	—	—	—	—	—	—	4.3	240	QRT-96B250	NS	118800	24-050048	(1) GR-2, (2) GR-4
103-7/8	96	—	—	—	—	—	—	4.3	480	QRT-96B450	NS	118818	26-050048	(1) GR-2, (2) GR-4

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).