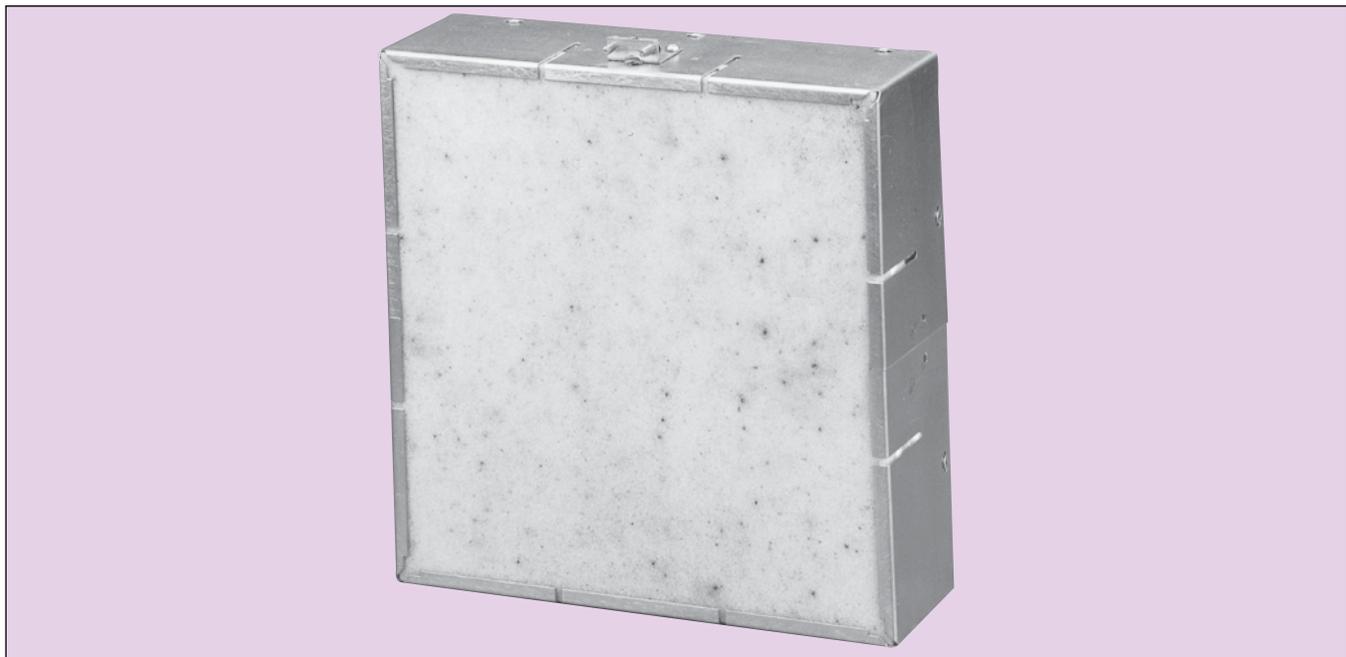


HIGH WATT DENSITY, QUARTZ-FACED INFRARED RADIANT PANEL HEATERS

QC and QH Series



- ✓ **High Watt Density**
QC Series: 40 W/in²
QH Series: 60 W/in²
- ✓ **High Temperature**
1800°F (981°C)
- ✓ **High Purity Fused Quartz Glass Emitting Face**
- ✓ **Output Wavelength**
Between 2.5 and 6 Microns
- ✓ **Heavy Gauge Aluminized Steel Housing**

CAUTION AND WARNING!

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warnings.

APPLICATIONS

- ✓ **Textile Drying**
- ✓ **Glass Processing**
- ✓ **Thermoforming**
- ✓ **Film Shrinking**
- ✓ **Powder Coating**
- ✓ **Paint Finishing**

OMEGALUX® QH and QC Series quartz infrared radiant panel heaters have the most powerful power output of any infrared panel heater available. They use a fused quartz glass face that is grooved to provide coil support. The QC series uses a 98% pure fused quartz and the QH series uses a 99% pure fused quartz face. This allows for watt densities up to 60 W/in² with a maximum temperature rating of 1800°F (981°C). The glass face is cleanable and can withstand great thermal shock. The housing is made of rugged aluminized steel with the electrical terminal housing on the back. Mounting studs for

easy installation are provided, allowing the heaters to be operated face up or down. An optional 476 cm (3/16") i.d. quartz thermowell is also available for use with type K thermocouples for temperature control. The best application for the QC and QH series heaters are where you have little space and need maximum power. They are made in building block sizes from 4 x 10" up to 12 x 12", many in dual voltage models to allow for extra flexibility in installation.

SPECIFICATIONS

Power: 240 Vac, 240/480 Vac dual voltage, 1 phase

Wattage: 1600 to 8640 W

Watt Density:

QC Series: 40 W/in²

QH Series: 60 W/in²

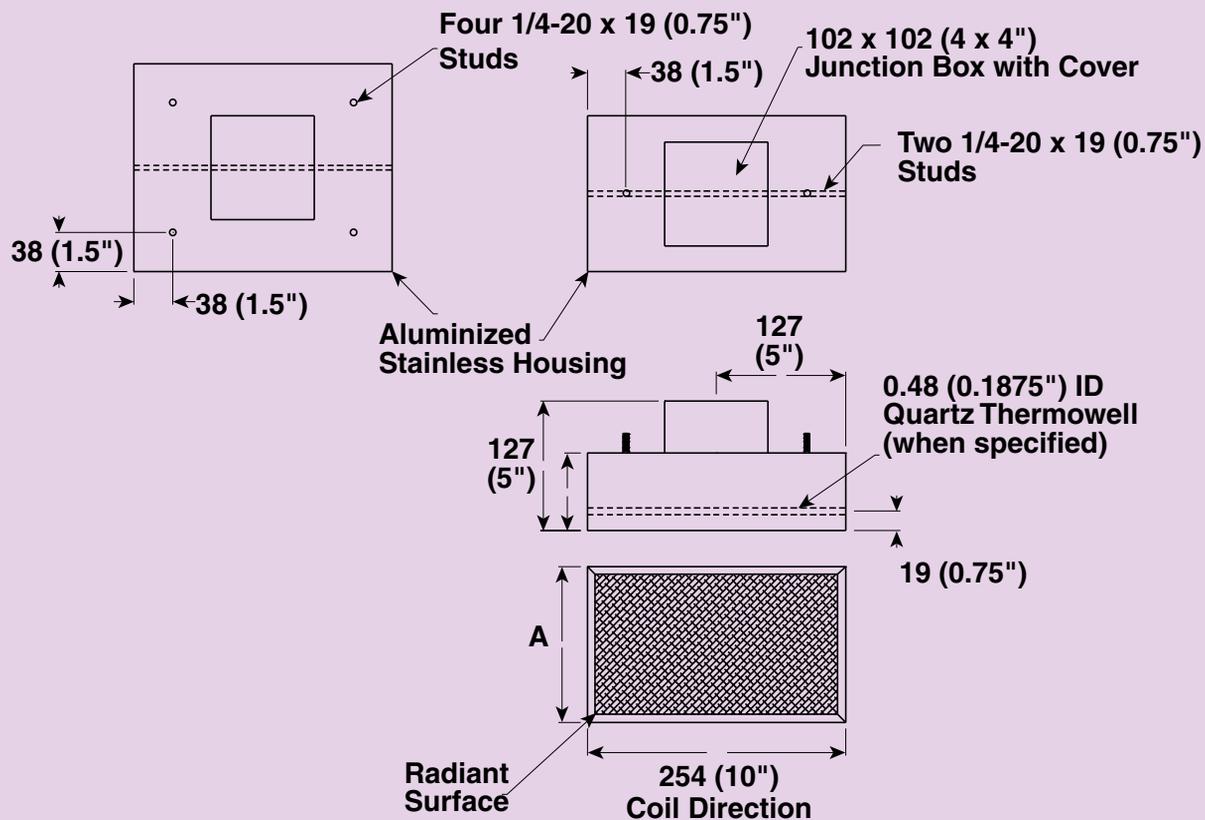
Maximum Temperature Quartz Face: 1800°F (981°C)

Composition of Emitter Face:

QC series: 98% pure fused quartz

QH Series: 99% pure fused quartz

Housing: aluminized steel



Dimensions: mm (inch)

K

Width inch (cm)	Length inch (cm)	Wattage	Voltage	Phase	Without Thermowell Model No.	With Thermowell Model No.	Weight lb (kg)
40 W/in² QC Series							
4 (10)	10 (25)	1600	240	1	QC-041040	QC-041040-T	3 (1.4)
6 (15)	10 (25)	2400	240/480	1	QC-061040	QC-061040-T	4 (1.8)
8 (20)	10 (25)	3200	240/480	1	QC-081040	QC-081040-T	5.5 (2.5)
10 (25)	10 (25)	4000	240/480	1	QC-101040	QC-101040-T	7 (3.2)
12 (30)	10 (25)	4800	240/480	1	QC-121040	QC-121040-T	8.3 (3.8)
6 (15)	12 (30)	2880	240/480	1	QC-061240	QC-061240-T	5 (2.3)
12 (30)	12 (30)	5760	240/480	1	QC-121240	QC-121240-T	10 (4.5)
60 W/in² QH Series							
4 (10)	10 (25)	2400	240/480	1	QH-041060	QH-041060-T	3 (1.4)
6 (15)	10 (25)	3600	240/480	1	QH-061060	QH-061060-T	4 (1.8)
8 (20)	10 (25)	4800	240/480	1	QH-081060	QH-081060-T	5.5 (2.5)
10 (25)	10 (25)	6000	240/480	1	QH-101060	QH-101060-T	7 (3.2)
12 (30)	10 (25)	7200	240/480	1	QH-121060	QH-121060-T	8.3 (3.8)
6 (15)	12 (30)	4320	240/480	1	QH-061260	QH-061260-T	5 (2.3)
12 (30)	12 (30)	8640	240/480	1	QH-121260	QH-121260-T	10 (4.5)

Comes complete with electrical and mounting hardware, and operator's manual.

Ordering Example: QC-061040-T, 40 W/in², 240 W, dual voltage 240/480 Vac heater with optional thermowell.

** Thermowell accepts 3/16" diameter probes.