PRODUCT SUBMITTAL SHEET

QMARK®
A Marley Engineered Products Brand



Capacities
2000 WATTS 240V 1Ø

QHRA66 SERIES INFRARED HEATERS

Conforms to ANSI/UL2021 and CSA C22.2, No. 46

Job Name: _____

Location: _____

Architect: _____

Engineer: _____

Contractor: _____

Submitted By: _____

Date: _____

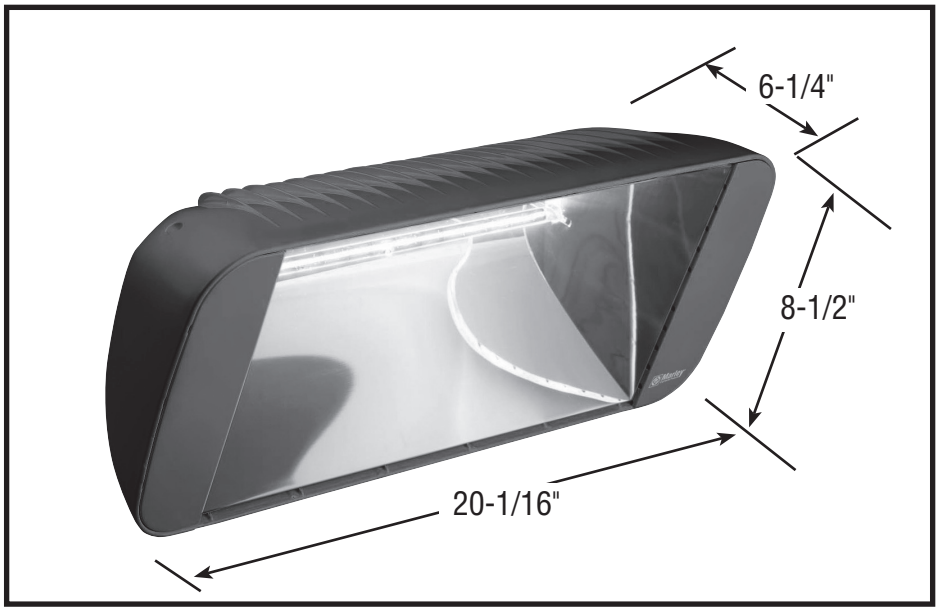
Submitted By:	Date:
Approved By:	**Date:**

Item	QTY	Catalog Number	Tag	Watts	Volts	PH	AMPS	Weight

SELECTION CHART

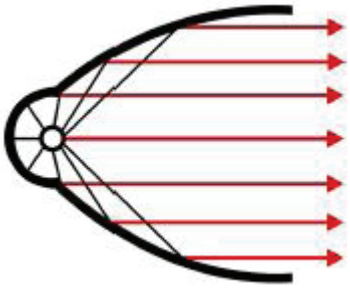
CATALOG NUMBER	VOLTS	PHASE	AMPS	WATTS	BTU/HR.
QHRA66420B	240	1	8.45	2000	6824

DIMENSIONS



MOUNTING LIMITATIONS

- This heater is intended for wall mounting only using the wall bracket provided with heater.
- Heater must be mounted at least 8’ 3” (2.5 M) off floor.
- Do not mount heater to ceiling.
- Top of heater must be located at least 12” (305 mm) from the ceiling with ends at least 36” (914mm) from walls.



DESIGN

QMark Infrared heaters optimize short wave infrared energy by means of computer designed parabolic reflectors. These are fundamental to the high performance of our heaters. In our heaters, more than 60% of the heat is directed by the reflector and 40% by the tube. This is because heat radiation obeys the laws of optics, both in terms of reflection and refraction. QMark has designed and produced a full range of special reflectors that optimize infrared performance using different reflectors tailored to the heater’s application. QMark reflector technology is the result of detailed theoretical research and experimentation. This wealth of experience in the study of refraction has led to the development of our high performance symmetrical reflectors, providing measurable energy savings.

ARCHITECT’S AND ENGINEER’S SPECIFICATIONS

Furnish and install where indicated on the plans, Type (HRA) Short wave Infrared Heaters by Marley Engineered Products, Bennettsville, SC, USA. Heaters shall be ETL Listed for USA and cETL Listed for Canada and designed for indoor and outdoor wall mounting. All capacities, voltages, physical sizes and options shall be as specified in the heater schedule. All heaters shall be single phase.

Enclosure shall be die cast aluminum for HRA models, bake painted, with design as specified in the heater schedule. Construction shall be a single piece design that allows one person installation and wiring. Reflector shall be highly polished aluminum with a beam angle of 102 degrees symmetrical.

Element (bulbs) shall be quartz lamp radiant heating type that transmit infrared rays generated by the heavy duty coiled element inside. The quartz lamp shall have high thermal shock characteristics. Elements (bulbs) shall be equipped with male quick connect tabs for 240 volt models and leads to connect to terminal block.

* Subject to change without notice.

Marley® Engineered Products
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