

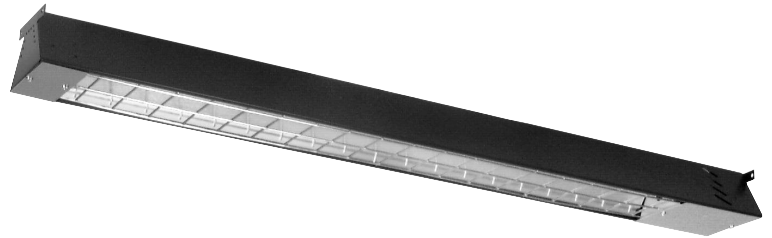


## TYPE HRK

# SINGLE ELEMENT INFRARED HEATERS

### APPLICATIONS

- Total or supplemental (spot) indoor heating in residential, commercial and light industrial areas, assembly lines, work stations, aircraft hangers, loading docks, and shipping areas.
- Painted Steel enclosure with gold anodized 60 degree symmetrical reflector and Quartz Tube element.
- For Indoor use, horizontal mounting.
- Mounts to ceiling with supplied chains or to wall using the optional FRP-WMB wall mounting bracket.
- High efficiency gold anodized reflector has one of the highest levels for radiating heat energy.
- No moving parts, No noise, No maintenance, easy to install.
- Optional HWG wire guard provides a protective safety screen that helps prevent objects coming in contact with the hot element.



File # E21609

### HEATER SELECTION CHART

CATALOG NO.	VOLTS	WATTS	REFLECTIVE ANGLE	DIMENSIONS			WT. lb (kg)			
				HEIGHT in. (mm)	WIDTH in. (mm)	LENGTH in. (mm)				
HRK41512	120	1500	60 Sym	3.375 (86)	5.5 (140)	46 (1168)	9(4.1)			
HRK42020	208	2000								
HRK42024	240	2000								
HRK42027	277	2000								
HRK42034	347	2000								
HRK42048	480	2000								
HRK42060	600	2000								
HRK53020	208	3000				60 Sym	3.375 (86)	5.5 (140)	57 (1448)	11 (5.0)
HRK53024	240									
HRK53027	277									
HRK53034	347									
HRK53048	480									
HRK53060	600									

### APPLICATION LIMITATIONS and PRECAUTIONS:

- **Hazardous Atmosphere** – These heaters are **not** suitable for use in hazardous locations.
- **Indoor Use Only**
- **Mounting Clearances** – Maintain minimum clearances of:
  - 12" (305 mm) to vertical side walls
  - 36" (914 mm) between heaters mounted side by side. Heaters may be mounted end to end.
  - 3" (76 mm) to ceiling
  - 8' (2.4 m) to floor.

Maintain at least 5 ft. (1.5 m), in radiant path, between bottom of heater and combustible material.

- **Corrosive Atmospheres** – The high quality finish and steel internal sheet metal parts will give excellent service under most operating conditions, including coastal salt air and most industrial atmospheres. However, the finish is not intended for direct salt spray exposure in marine applications or highly corrosive greenhouse, swimming pool, chemical storage or industrial atmospheres.

### OPTIONAL MECHANICAL ACCESSORIES

CATALOG NO.	DESCRIPTION	CARTON	WT.
		QTY	lbs. (gr)
HWG46	Wire Guard	1	1 (454)
HWG57			1.5(680)
FRP-WMB	Wall Mounting Bracket	1	2 (907)

## **Architect's and Engineer's Specifications \***

Furnish and install where indicated on the plans, **Type HRK** Single Element Infrared Heaters as manufactured by QMark, A Marley Engineered Products Brand, Bennettsville, SC, USA.

Heaters shall be UL / cUL Listed and designed for horizontal indoor surface 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 20-gauge cold rolled steel, finished in a Polyester PGIC Powder Paint, with length as specified in the heater schedule.

Construction shall be a single piece design that allows one person installation and wiring.

Reflector shall be one piece, snap-out, minimum .030 gold anodized aluminum with a beam angle of 60 degree symmetrical.

Element shall be quartz tube radiant heating type that transmit infrared rays generated by the heavy duty coiled element inside. The quartz tube shall have high thermal shock characteristics. Elements shall be equipped with threaded cold pins and hex nuts for more positive connections in severe conditions.

**The following Field Installed Optional Equipment shall be supplied –**

- Steel Wire Guard
- Wall Mounting Bracket

\* Subject to change without notice.