

Electric Infrared Heating Elements

Clear & Red Quartz Lamps - 12mm Diameter

- Near wavelength infrared, color temp. emitted approx. 4100° F (high brightness)
- Approximately 96% radiant efficiency
- Excellent resistance to thermal shock
- Highest moisture resistance and quickest heat up time
- 3/8" Diameter clear or red quartz envelope
- Coiled tungsten filament; sealed porcelain end caps; halogen gas filled

Model prefix types:

- 630 = Horizontal Burning "Clear"
- 631 = Vertical QR Horizontal Burning "Clear"
- 632 = Horizontal Burning "Red"

Notes:

- Life expectancy of all heating elements = 5,000 hours
- All heating elements operate at 50 / 60 Hertz.

⚠ WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

MFG CATALOG NUMBER	MFG MODEL NUMBER	WATTS	VOLTS	LENGTH (IN.)		ENVELOPE TYPE	FITS MODEL	LIST
				Overall	Heated			
04400502	630-05129	500	120	8 1/16	5	12mm DIAMETER CLEAR	MM-13A	146
04401602	630-16209	1600	208	19 1/16	16		222, 223, or MM-24A	172
04401702	630-16249		240				172	
04409902	631-16249		240				208	
04401802	630-16279		277				167	
04817302	630-16489	480	208	28 1/16	25		342, 343, or MM-33A	208
04817402	630-25209	2500	208					244
04817502	630-25249		240					265
04817602	630-25279		277					216
04405402	630-25489		480					228
04403602	631-25489		480					
04406802	631-25609		600		41 1/16	38	462, 463, or MM-46A	320
04406702	630-36489	3650	480	328				
04462302	630-38579	577						
04441302	631-38579	3800	577	19 1/16	16	12mm DIAMETER RED	222/223 or RPH	203
04914602	632-15129	1500	120					
04461502	632-1620	1600	208					
04461602	632-1624	1600	240	28 1/16	25		342 or 343	237
04462202	632-2548	2500	480					

Quartz Tubes

- Medium wavelength infrared, color temp emitting approx. 1800°F (bright orange glow)
- Approximately 60% radiant efficiency
- Nickel-Chromium alloy coiled element with porcelain end caps and pigtailed termination
- 5/8" Diameter frosted quartz envelope
- Moderate heat-up/cool-down

Notes:

- Life expectancy of all heating elements = 5,000 hrs
- All heating elements operate at 50 / 60 Hertz.

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MFG CATALOG NUMBER	MFG MODEL NUMBER	WATTS	VOLTS	LENGTH (IN.)		FITS MODEL	LIST
				Overall	Heated		
04432302	671-3784	1500	120	39 1/16	34 3/16	OCH-46	174
04418102	671-5061	2000	208				
04418002	671-3785	2000	240				
04419302	671-5018	2000	277				
04416602	671-5060	3000	208	50 1/16	45 3/16	OCH-57	193
04414702	671-3786	3000	240				
04419402	671-5059	3000	277				
04419502	671-5058	2250	480				
04914702	671-5062	2000	208				
04914802	671-5063		240				
04914902	671-5064		277				
04915002	671-5065	3000	208	59 1/4	53 3/8	OCH2-66	198
04915102	671-5066		240				
04915202	671-5067		277				
04403502	671-3454	450	120	12 15/16	8 7/16	FFH-912B	110
04400802	671-3492*	550	120	19 1/2	16	FFH-512A	118
04462402	671-5056	1000	120	18 3/16	14 7/16	CH-2212-1C	128
04462502	671-5057	1425	240	27 3/16	23 7/16	CH-6424-1C	146

*3/8" Diameter

Flat Panel Emitter Medium Wave Replacement Complete Conversion Kits - MR, CH, & FHK

- Medium wavelength infrared
- Color temp emitting approx. 1650°F
- Dull orange glow
- 78.5% radiant efficiency
- Black quartz composite face
- Non-glare & no glass materials
- Wound resistance wire consists of iron, chromium, & aluminum alloy
- Refractory blanket insulation
- High temp ceramic fiberboard
- Aluminized steel enclosure frame
- Electrical junction box
- Slow heat-up/cool-down
- 25,000 life expectancy
- Operates on 50 / 60 Hertz

Notes:

- Life expectancy of all heating elements = 25,000 hours
- All heating elements operate at 50 / 60 Hertz.

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CH & MR SERIES - FLAT PANEL EMITTER CONVERSION KITS						
MFG CATALOG NUMBER	MFG MODEL NUMBER	WATTS	VOLTS	LIST	FOR USE WITH OLD MODEL #:	
01358102	64337-022	3150	208	1111	MR-420-1, CH-420-1C, CH-420-3A	
01358202	64337-023		240		MR-424-1, CH-424-1C, CH-424-1A	
01358302	64337-024		277		MR-427-1, CH-427-1C, CH-427-1A	
01358402	64337-025		480		MR-448-1, CH-448-1C, CH-448-1A	
01358502	64337-026		600		MR-457-1, CH-457-1C, CH-457-1A	
01358602	64337-027	4300	208	1371	MR-620-3, CH-620-3C, CH-620-3A	
01358702	64337-028		240		MR-624-3, CH-624-3C, CH-624-3A	
01358802	64337-029		277		MR-627-3, CH-627-3C, CH-627-3A	
01358902	64337-030		480		MR-648-3, CH-648-3C, CH-648-3A	
01359002	64337-031		600		MR-657-3, CH-657-3C, CH-657-3A	
01359102	64337-032	9500	208	2021	MR-1320-3, CH-1320-3B, CH-1320-3A	
01359202	64337-033		240		MR-1324-3, CH-1324-3B, CH-1324-3A	
01359302	64337-034		277		MR-1327-3, CH-1327-3B, CH-1327-3A	
01359402	64337-035		480		MR-1348-3, CH-1348-3B, CH-1348-3A	
01359502	64337-036		600		MR-1357-3, CH-1357-3B, CH-1357-3A	
01359602	64337-037	9500	208	2054	MR-2720-3, CH-2720-3C, CH-2720-3B	
01359702	64337-038		240		MR-2724-3, CH-2724-3C, CH-2724-3B	
01359802	64337-039		277		MR-2727-3, CH-2727-3C, CH-2727-3B	
01359902	64337-040		480		MR-2748-3, CH-2748-3C, CH-2748-3B	
01360002	64337-041		600		MR-2757-3, CH-2757-3C, CH-2757-3B	
FHK Series - Flat Panel Emitter Conversion Kits						
01360802	64337-049	4300	208	1410	FHK-620-3A	
01360902	64337-050		240		FHK-624-3A	
01361002	64337-051		480		FHK-648-3A	
01361102	64337-052	9500	208	2035	FHK-1320-3A	
01361202	64337-053		240		FHK-1324-3A	
01361302	64337-054		480		FHK-1348-3A	

Note: There are no element replacement kits for CH-2, MR-2, FHK-2, or FHK-4 model series heaters.