

# Electric Infrared Heating Elements

## Clear & Red Quartz Lamps

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	CLEAR	MM-13A	111	
04401602	630-16209	1600	120	19 1/16	16		222, 223, or MM-24A		129
04401702	630-16249								129
04409902	631-16249								157
04401802	630-16279								129
04817302	630-16489								157
04817402	630-25209	2500	120	28 1/16	25		342, 343, or MM-33A		184
04817502	630-25249								206
04817602	630-25279								163
04405402	630-25489								177
04403602	631-25489								
04406802	631-25609	3650	120	41 1/16	38		462, 463, or MM-46A		242
04406702	630-36489								254
04462302	630-38579								
04441302	631-38579	3800	120	19 1/16	16		222/223 or RPH		157
04461502	632-1620								
04461602	632-1624	2500	120	28 1/16	25		342 or 343		184
04462202	632-2548								

- 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 OR 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.

## Quartz Tubes

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

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	135
04418102	671-5061	2000	208	39 1/16	34 3/16		
04418002	671-3785	2000	240	39 1/16	34 3/16		
04419302	671-5018	2000	277	39 1/16	34 3/16		
04416602	671-5060	3000	208	50 1/16	45 3/16	OCH-57	150
04414702	671-3786	3000	240	50 1/16	45 3/16		
04419402	671-5059	3000	277	50 1/16	45 3/16		
04419502	671-5058	2250	480	50 1/16	45 3/16		
04403502	671-3454	450	120	12 15/16	8 7/16	FFH-912B	85
04400802	671-3492*	550	120	19 1/2	16	FFH-512A	91
04462402	671-5056	1000	120	18 3/16	14 3/16	CH-2212-1C	99
04462502	671-5057	1425	240	27 3/16	23 3/16	CH-6424-1C	114

\*3/8" Diameter

- 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
- Fast heat-up/cool-down

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

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	120	855	MR-420-1, CH-420-1C, CH-420-3A	
01358202	64337-023				MR-424-1, CH-424-1C, CH-424-1A	
01358302	64337-024				MR-427-1, CH-427-1C, CH-427-1A	
01358402	64337-025				MR-448-1, CH-448-1C, CH-448-1A	
01358502	64337-026				MR-457-1, CH-457-1C, CH-457-1A	
01358602	64337-027	4300	120	1055	MR-620-3, CH-620-3C, CH-620-3A	
01358702	64337-028				MR-624-3, CH-624-3C, CH-624-3A	
01358802	64337-029				MR-627-3, CH-627-3C, CH-627-3A	
01358902	64337-030				MR-648-3, CH-648-3C, CH-648-3A	
01359002	64337-031				MR-657-3, CH-657-3C, CH-657-3A	
01359102	64337-032	9500	120	1555	MR-1320-3, CH-1320-3B, CH-1320-3A	
01359202	64337-033				MR-1324-3, CH-1324-3B, CH-1324-3A	
01359302	64337-034				MR-1327-3, CH-1327-3B, CH-1327-3A	
01359402	64337-035				MR-1348-3, CH-1348-3B, CH-1348-3A	
01359502	64337-036				MR-1357-3, CH-1357-3B, CH-1357-3A	
01359602	64337-037	9500	120	1580	MR-2720-3, CH-2720-3C, CH-2720-3B	
01359702	64337-038				MR-2724-3, CH-2724-3C, CH-2724-3B	
01359802	64337-039				MR-2727-3, CH-2724-3C, CH-2724-3B	
01359902	64337-040				MR-2748-3, CH-2748-3C, CH-2748-3B	
01360002	64337-041				MR-2757-3, CH-2757-3C, CH-2757-3B	
FHK Series - Flat Panel Emitter Conversion Kits						
01360802	64337-049	4300	120	1085	FHK-620-3A	
01360902	64337-050				FHK-624-3A	
01361002	64337-051				FHK-648-3A	
01361102	64337-052	9500	120	1565	FHK-1320-3A	
01361202	64337-053				FHK-1324-3A	
01361302	64337-054				FHK-1348-3A	

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