

Electric Infrared Heating Elements

Clear & Red Quartz Lamps

UPC# 686334	MODEL #	WATTS	VOLTS	LENGTH (IN.)		ENVELOPE TYPE	FITS MODEL	
				Overall	Heated			
440059	630-05129	500	120	8-11/16	5	CLEAR	MM-13A	
440165	630-16209	1600	208	19-11/16	16		222, 223, or MM-24A	
440172	630-16249		240					
440998	631-16249		240					
440189	630-16279		277					
481731	630-16489		480					
481748	630-25209	2500	208	28-11/16	25		342, 343, or MM-33A	
481755	630-25249		240					
481762	630-25279		277					
440547	630-25489		480					
440363	631-25489		480					
440684	630-25609	600	41-11/16	38	462, 463, or MM-46A			
440677	630-36489	3650					480	
446235	630-38579	3800					600	
444132	631-38579	600	19-11/16	16	RED		222/223 or RPH	
446150	632-1620	1600						208
446167	632-1624	240						
446228	632-2548	2500	480	28-11/16	25		342 or 343	

- 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.

UPC# 686334	MODEL #	WATTS	VOLTS	LENGTH (IN.)		FITS MODEL
				Overall	Heated	
443234	671-3784	1500	120	39-11/16	34-3/16	OCH-46
441810	671-5061	2000	208	39-11/16	34-3/16	
441803	671-3785	2000	240	39-11/16	34-3/16	
441933	671-5018	2000	277	39-11/16	34-3/16	
441667	671-5060	3000	208	50-11/16	45-3/16	OCH-57
441476	671-3786	3000	240	50-11/16	45-3/16	
441940	671-5059	3000	277	50-11/16	45-3/16	
441957	671-5058	2250	480	50-11/16	45-3/16	
440356	671-3454	450	120	12-15/16	8-7/16	
440080	671-3492*	550	120	19-1/2	16	FFH-512A
446242	671-5056	1000	120	18-5/16	14-7/16	CH-2212-1C
446259	671-5057	1425	240	27-5/16	23-7/16	CH-6424-1C

*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

Metal Sheath Elements



Inner aluminum reflector



Metal Sheath element w/ ceramic end

UPC# 686334	MODEL #	WATTS	VOLTS	LENGTH (in)		Replacement Heating Element		(Qty) Per Heater
				Overall	Heated	Fits "CH-Models"	Fits "FHK Models"	
487764	642-21001	1800	120	20.75	17.5	CH-212-1A, CH-212-1C	FHK-212-1CA	CH-2 (1) FHK-2 (1)
487771	642-21002	208	CH-220-1A, CH-620-3A CH-220-1C, CH-620-3C			FHK-220-1A, FHK-620-3A	CH-2 (1) CH/FHK-6 (3)	
487795	642-21004	240	CH-224-1A, CH-624-3A CH-224-1C, CH-624-3C			FHK-224-1A, FHK-624-3A	CH-2 (1) CH/FHK-6 (3)	
487801	642-21005	2000	277			CH-277-1A, CH-627-3A CH-277-1C, CH-627-3C	FHK-277-1A FHK-627-3A	CH-2 (1) CH/FHK-6 (3)
487832	642-21008	480	CH-248-1A, CH-648-3A CH-248-1C, CH-648-3C			FHK-248-1A, FHK-648-3A	CH-2 (1) CH/FHK-6 (3)	
487849	642-21009	600	CH-257-1A, CH-657-3A CH-257-1C, CH-657-3C			FHK-257-1A, FHK-657-3A	CH-2 (1) CH/FHK-6 (3)	
487856	642-21010	208	41.25	38	CH-420-1A, CH-1320-3A CH-2720-3B, CH-420-1C, CH-1320-3B, CH-2720-3C	FHK-420-1A, FHK-1320-3A	CH-4 (1) CH/FHK-13 (3) CH-27 (6)	
487870	642-21012	240			CH-424-1A, CH-1324-3A, CH-2724-3B, CH-424-1C, CH-1324-3B, CH-2724-3C	FHK-424-1A, FHK-1324-3A	CH-4 (1) CH/FHK-13 (3) CH-27 (6)	
487887	642-21013	4500	277	CH-427-1A, CH-1327-3A CH-427-1C, CH-1327-3B	FHK-427-1A, FHK-1327-3A	CH-4 (1) CH/FHK-13 (3)		
487917	642-21016	480	CH-448-1A, CH-1348-3A, CH-2748-3B, CH-448-1C, CH-1348-3B, CH-2748-3C	FHK-448-1A, FHK-1348-3A	CH-4 (1) CH/FHK-13 (3) CH-27 (6)			
487924	642-21017	600	CH-457-1A, CH-1357-3A, CH-2757-3B, CH-457-1C, CH-1357-3B, CH-2757-3C	FHK-457-1A, FHK-1357-3A	CH-4 (1) CH/FHK-13 (3) CH-27 (6)			

- Far wavelength infrared, color temp. Emitting approx 1600° F (dull orange glow)
- Approximately 50% radiant efficiency
- Incoloy metal sheath envelope
- Nickel-Chromium alloy coiled element imbedded in Magnesium Oxide insulating powder
- Slowest heat-up/cool-down
- Highest mechanical durability
- Inner reflector, fasteners, & support clip(s) shipped with each replacement element
- Dimensions:
 1.8/2.0kW
 - 20.75" overall
 - 17.5" heated
 4.5kW
 - 41.25" overall
 - 38" heated

Note: Inner reflector shipped with replacement Metal Sheath Elements. Life expectancy of all heating elements - 5,000 hours. - All heating elements operate at 50 / 60 Hertz.