

# Electric Infrared Heating Elements

## Clear & Red Quartz Lamps

Notes: Life expectancy of all heating elements - 5,000 hours (4yr. Pro-rated Warranty). All heating elements operate at 50 / 60 Hertz.

UPC 686334	Item #	Watts	Volts	Length (in.)		Fits Model	LIST	UPC 686334	Item #	Watts	Volts	Length (in.)		Fits Model	LIST
				Overall	Heated							Overall	Heated		
440059	630-05129	500	120	8-11/16	5	MM-13A	101	440363	631-25489	2500	480	28-11/16	25	342, 343 or MM-33A	162
442770	630-10209	1000	208	13-11/16	10	MM-18A	178	440684	630-25609	-----	-----	41-11/16	38	462, 463 or MM-46A	222
444118	630-10249		240				107	234							
440165	630-16209		208				119	222, 223 or MM-24A							
440172	630-16249	1600	240	19-11/16	16	222, 223 or MM-24A	119	440677	630-36489	3650	480	222			
440998	631-16249		240				144	446235	630-38579	3800	600				
440189	630-16279		277				119	444132	631-38579	3800	600				
481731	630-16489		480				144	<b>RED QUARTZ LAMPS</b>							
481748	630-25209	2500	208	28-11/16	25	342, 343 or MM-33A	169	446150	632-1620	1600	208	19-11/16	16	222/223 or RPH	144
481755	630-25249		240				446167	632-1624	1600	240	19-11/16	16			
481762	630-25279		277				150	446228	632-2548	2500	480	28-11/16	25	342 or 343	169
440547	630-25489		480												

Model Suffix: 630 = Horizontal Burning "Clear"; 631 = Vertical OR Horizontal Burning "Clear"; = Horizontal Burning "Red"

- Color temperature emitted: approx. 4100° F (high brightness).
- Approximately 96% radiant efficiency.
- Excellent resistance to thermal shock.
- 3/8" Diameter clear or red quartz envelope.
- Coiled tungsten filament; sealed porcelain end caps; halogen gas filled.

## Quartz Tubes

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

UPC 686334	Item #	Watts	Volts	Length (in.)		Fits Model	LIST
				Overall	Heated		
443234	671-3784	1500	120	39-11/16	34-3/16	OCH-46	124
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	OCH-57	138
441667	671-5060	3000	208	50-11/16	45-3/16		
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	FFH-912B	78
440080	671-3492*	550	120	19-1/2	16	FFH-512A	83
446242	671-5056	1000	120	18-5/16	14-7/16	CH-2212-1C	91
446259	671-5057	1425	240	27-5/16	23-7/16	CH-6424-1C	104

\*3/8" Diameter

- 5/8" Diameter frosted quartz envelope
- Nickel-Chromium alloy coiled element with porcelain end caps and pigtailed termination
- Color temperature emitted: approx. 1800° F (bright orange glow)
- Approximately 60% radiant efficiency
- Fast heat-up/cool-down
- Moisture resistance: High
- Mechanical ruggedness: Good

## Metal Sheath Elements

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)		Replacement Heating Element		LIST
				Overall	Heated	Fits "CH-Models"	Fits "FHK Models"	
445870	641-37211	1800	120	23-1/16	18	CH-212-1A	FHK-212-1CA	144
445832	641-35661	208	CH-220-1A, CH-620-3A			FHK 2.0 & 6.0 KW Models		
445795	641-35611	240	CH-224-1A, CH-624-3A					
445849	641-36051	277	CH-277-1A, CH-627-3A					
445801	641-35621	480	CH-248-1A, CH-648-3A					
445887	641-50011	600	CH-257-1A, CH-657-3A					
445856	641-36061	208	44-7/16	39	CH-420-1A, CH-1320-3A, CH-2720-3B	FHK 4.5 & 13.5 KW Models	189	
445818	641-35631	240			CH-424-1A, CH-1324-3A, CH-2724-3B			
445863	641-36071	277			CH-427-1A, CH-1327-3A			
446174	641-35641	480			CH-448-1A, CH-1348-3A, CH-2748-3B			
445894	641-50021	600			CH-457-1A, CH-1357-3A, CH-2757-3B			

- 0.430" Diameter Incoloy metal sheath envelope
- Nickel-Chromium alloy coiled element imbedded in Magnesium Oxide insulating powder
- Color temperature emitted: approx. 1600° F (dull orange glow)
- Approximately 50% radiant efficiency
- Slowest heat-up/cool-down
- Moisture resistance: Lowest
- Mechanical ruggedness: Highest

UPC# 686334	MODEL	WATTS	VOLTS	LENGTH (in)		Replacement Heating Element		LIST
				Overall	Heated	Fits "CH-Models" Only		
445788	641-70321	1800	120	24-1/16	18	CH-212-1C	144	
445702	641-70241	208	CH-220-1C, CH-620-3C					
445719	641-70251	240	CH-224-1C, CH-624-3C					
445726	641-70261	277	CH-227-1C, CH-627-3C					
445733	641-70271	480	CH-248-1C, CH-648-3C					
445771	641-70281	600	CH-257-1C, CH-657-3C					
445597	641-70001	208	45-7/16	39	CH-420-1C, CH-1320-3B, CH-2720-3C	189		
445603	641-70011	240			CH-424-1C, CH-1324-3B, CH-2724-3C			
445610	641-70021	277			CH-427-1C, CH-1327-3B			
445627	641-70031	480			CH-448-1C, CH-1348-3B, CH-2748-3C			
445665	641-70041	600			CH-457-1C, CH-1357-3B, CH-2757-3C			

Note: Inner reflector shipped with replacement Metal Sheath Elements.