



**OCH Series Stainless  
 Outdoor/Indoor Rated Quartz  
 Electric Infrared Heater**  
 Data Sheet

**General Characteristics of Industrial Electric Infrared Heater OCH Series Stainless**

Frosted quartz tube heating element (included).  
 ETL-CETL listed for suspended, totally exposed (outdoor) and indoor spot heating applications.  
 Finish: High-temp brown powder coated finish or corrosion resistant stainless steel 24 gauge housing.  
 60° Symmetric Heat Pattern.  
 Gold anodized aluminum reflector and end caps.  
 Painted models are direct wire, unless specified and are supplied with 6" lead wires for field connection in the internal wiring compartment. 6'ft long, 14/3 HSW NEMA type rated cord included with all 120, 208 & 240V Models (120v & 240v models include plug).  
 All corded models can be field converted for direct wiring applications. Both connection types are ETL-CETL approved.  
 Two 2' ft. long mounting chains and four S-Hooks included.  
 The OCH series can be surface mounted using the mounting brackets that are supplied. These allow a horizontal tilt adjustment of 45°.  
 Mounting: All units must be mounted horizontally.  
 Made in the U.S.A.  
 Accessories: Thermostats, SCR controllers and power contact panels. All accessories quoted separately.



**Product Applications of Industrial Electric Infrared Heater OCH Series Stainless**

For Industrial and Commercial use.

**Warranty of Industrial Electric Infrared Heater OCH Series Stainless**

Manufacturer's Warranty: 1 year.

**Specific Characteristics of Industrial Electric Infrared Heater OCH Series Stainless**

Item #	Manufacturing #	W	BTU's	Volts	AMP'S	Reflector Pattern	Color	Guard Options	Mounting Type	Connection Type	Weight and Dimension with Packaging	
											Lbs.	L, W, H In
<b>USSMH-001</b>	OCH-46-120V-SSE + OCHWG-46 + VMB-41-SS	1500	5120	120	12.5	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	25	49,7,8
<b>USSMH-002</b>	OCH-46-120V-SSE + OCHWG-46	1500	5120	120	12.5	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	23	49,7,8
<b>USSMH-003</b>	OCH-46-120V-SSE + VMB-41-SS	1500	5120	120	12.5	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	13	49,7,8
<b>USSMH-004</b>	OCH-46-120V-SSE	1500	5120	120	12.5	60° Symmetrical	S/Steel*	-	-	Hard Wire	11	49,7,8
<b>USSMH-005</b>	OCH-46-208V-SSE + OCHWG-46 + VMB-41-SS	2000	6826	208	9.6	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	25	49,7,8
<b>USSMH-006</b>	OCH-46-208V-SSE + OCHWG-46	2000	6826	208	9.6	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	23	49,7,8
<b>USSMH-007</b>	OCH-46-208V-SSE + VMB-41-SS	2000	6826	208	9.6	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	13	49,7,8
<b>USSMH-008</b>	OCH-46-208V-SSE	2000	6826	208	9.6	60° Symmetrical	S/Steel*	-	-	Hard Wire	11	49,7,8
<b>USSMH-009</b>	OCH-46-240V-SSE + OCHWG-46 + VMB-41-SS	2000	6826	240	8.3	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	25	49,7,8
<b>USSMH-010</b>	OCH-46-240V-SSE + OCHWG-46	2000	6826	240	8.3	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	23	49,7,8
<b>USSMH-011</b>	OCH-46-240V-SSE + VMB-41-SS	2000	6826	240	8.3	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	13	49,7,8
<b>USSMH-012</b>	OCH-46-240V-SSE	2000	6826	240	8.3	60° Symmetrical	S/Steel*	-	-	Hard Wire	11	49,7,8
<b>USSMH-013</b>	OCH-46-277V-SSE + OCHWG-46 + VMB-41-SS	2000	6826	277	7.2	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	25	49,7,8
<b>USSMH-014</b>	OCH-46-277V-SSE + OCHWG-46	2000	6826	277	7.2	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	23	49,7,8
<b>USSMH-015</b>	OCH-46-277V-SSE + VMB-41-SS	2000	6826	277	7.2	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	13	49,7,8
<b>USSMH-016</b>	OCH-46-277V-SSE	2000	6826	277	7.2	60° Symmetrical	S/Steel*	-	-	Hard Wire	11	49,7,8



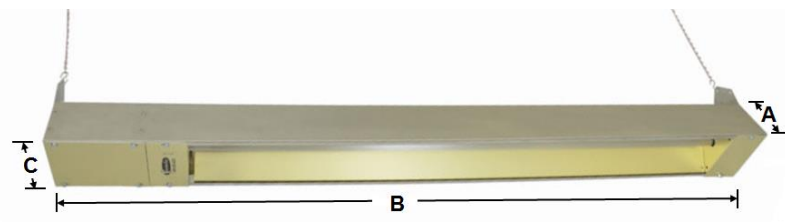
**OCH Series Stainless  
 Outdoor/Indoor Rated Quartz  
 Electric Infrared Heater**  
 Data Sheet

Item #	Manufacturing #	Watts W	BTU's	Volts V	Amperes A	Reflector Pattern	Color	Guard Options	Mounting Type	Connection Type	Weight and Dimension with Packaging	
											Lbs.	L, W, H In
<b>USSMH-017</b>	OCH-57-208V-SSE + OCHWG-57 + VMB-41-SS	3000	10239	208	14.4	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	26	60,7,8
<b>USSMH-018</b>	OCH-57-208V-SSE + OCHWG-57	3000	10239	208	14.4	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	24	60,7,8
<b>USSMH-019</b>	OCH-57-208SSE + VMB-41-SS	3000	10239	208	14.4	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	14	60,7,8
<b>USSMH-020</b>	OCH-57-208V-SSE	3000	10239	208	14.4	60° Symmetrical	S/Steel*	-	-	Hard Wire	12	60,7,8
<b>USSMH-021</b>	OCH-57-240V-SSE + OCHWG-57 + VMB-41-SS	3000	10239	240	12.5	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	26	60,7,8
<b>USSMH-022</b>	OCH-57-240V-SSE + OCHWG-57	3000	10239	240	12.5	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	24	60,7,8
<b>USSMH-023</b>	OCH-57-240V-SSE + VMB-41-SS	3000	10239	240	12.5	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	14	60,7,8
<b>USSMH-024</b>	OCH-57-240V-SSE	3000	10239	240	12.5	60° Symmetrical	S/Steel*	-	-	Hard Wire	12	60,7,8
<b>USSMH-025</b>	OCH-57-277V-SSE + OCHWG-57 + VMB-41-SS	3000	10239	277	10.8	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	26	60,7,8
<b>USSMH-026</b>	OCH-57-277V-SSE + OCHWG-57	3000	10239	277	10.8	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	24	60,7,8
<b>USSMH-027</b>	OCH-57-277V-SSE + VMB-41-SS	3000	10239	277	10.8	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	14	60,7,8
<b>USSMH-028</b>	OCH-57-277V-SSE	3000	10239	277	10.8	60° Symmetrical	S/Steel*	-	-	Hard Wire	12	60,7,8
<b>USSMH-029</b>	OCH-57-480V-SSE + OCHWG-57 + VMB-41-SS	2250	7679	480	4.7	60° Symmetrical	S/Steel*	Guard	Wall	Hard Wire	26	60,7,8
<b>USSMH-030</b>	OCH-57-480V-SSE + OCHWG-57	2250	7679	480	4.7	60° Symmetrical	S/Steel*	Guard	-	Hard Wire	24	60,7,8
<b>USSMH-031</b>	OCH-57-480V-SSE + VMB-41-SS	2250	7679	480	4.7	60° Symmetrical	S/Steel*	-	Wall	Hard Wire	14	60,7,8
<b>USSMH-032</b>	OCH-57-480SSE	2250	7679	480	4.7	60° Symmetrical	S/Steel*	-	-	Hard Wire	12	60,7,8

\*S/Steel is Stainless Steel

**Dimensions (in) of Industrial Electric Infrared Heater OCH Series Stainless**

Series	Length A	Width B	Height C
USCHM-001 to 016	48"	5.375"	6.5"
USCHM-017 to 032	59"	5.375"	6.5"



**Mounting Clearance Requirements of Industrial Electric Infrared Heater OCH Series Stainless**

- 3" from ceiling
- 12" from vertical surface
- 72" from face pf heater to combustible surface
- 36" from another heater

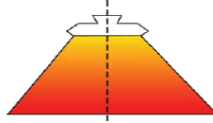
**Recommended Mounting Heights of Industrial Electric Infrared Heater OCH Series Stainless**

- USCMH-001 to 016 & 033 to 036: 7' - 9'
- USCMH-017 to 032 & 037 to 044: 8' - 10'



**Reflector Patterns of Industrial Electric Infrared Heater OCH Series Stainless**

60°Symmetric



**Mounting Height and Sizing Table of Industrial Electric Infrared Heater OCH Series Stainless**

Mounting Height	Heater Model	Watts W	Heat Pattern Coverage (at floor level)			Total Watts/Sq. Ft.
			Length	Width	Sq. Ft.	
7'	USSMH-001 to USSMH-016	1500	11	9	99	15.2
		2000	11	9	99	20.2
8'	USSMH-001 to USSMH-016	1500	12	10	120	12.5
		2000	12	10	120	16.7
	USSMH-017 to USSMH-032	3000	13	10	130	23.1
		2250	13	10	130	17.3
9'	USSMH-001 to USSMH-016	1500	13	11	143	10.5
		2000	13	11	143	14.0
	USSMH-017 to USSMH-032	3000	14	11	154	19.5
		2250	14	11	154	14.6
10'	USSMH-017 to USSMH-032	3000	15	12	180	16.7
		2250	15	12	180	12.5
12'	USSMH-017 to USSMH-032	3000	17	14	238	12.6
		2250	17	14	238	9.5

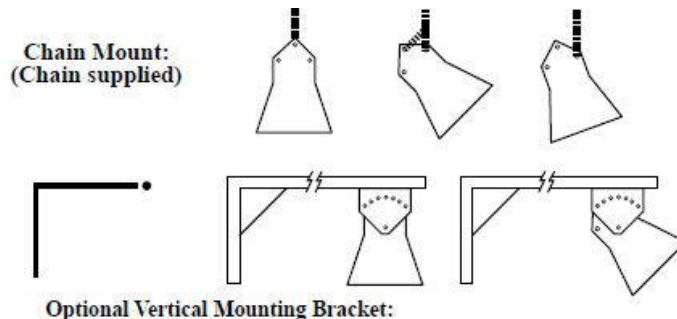
**Frosted Quartz Lamps of Industrial Electric Infrared Heater OCH Series Stainless**

Frosted quartz envelope with a nickel-chromium coiled filament, porcelain end caps and threaded-screw (stud) terminations.

- Fast heat-up and cool-down performance.
- Available wattages from 1500 to 3000 Watts per element.
- Available voltages from 120 to 480 Volts.
- Medium wavelength infrared, color temp. emitting approx. 1800° F (bright orange glow).
- Approximately 60% radiant efficiency.
- 5/8" Diameter frosted quartz envelope.

**Mounting Configurations & Reflector Pattern of Industrial Electric Infrared Heater OCH Series Stainless**

- Chain, surface mount or use our vertical mounting bracket as shown below. (Note: ) All units must be mounted horizontally.
- In-built surface mounting bracket allows for fixture adjustment up to a 45° horizontal tilt.
- As shown, the heater may be suspended at any horizontal angle desired.





**Short Description of Industrial Electric Infrared Heater OCH Series Stainless**

Item #	Manufacturing #	Short Description 70 Characters Maximum
<b>USSMH-004</b>	OCH-46-120V-SSE	1234567890123456789012345678901234567890123456789012345678901234567890 1500W, 5120BTU's, 120V, 12.5A, 60° Symmetrical, 1 Quartz lamp, Hard Wire.

**SEO Table of Industrial Electric Infrared Heater OCH Series Stainless**

Title
Industrial Electric Infrared Stainless Steel 1 lamp TPI Heater OCH Series.
Meta Description
Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for Commercial Use, Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for Industrial Use, Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for indoor and outdoor Use, Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for object heating.
Meta Key Words
Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for Commercial Use, Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for Industrial Use, Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for indoor and outdoor Use, Industrial Electric Infrared Stainless Steel 1 Lamp TPI Heater OCH Series for object heating.
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industrial-electric-infrared-tpi-heater-1-lamp-och-series-us-english.htm

**Product Line Description of Industrial Electric Infrared Heater OCH Series Stainless**

<FONT Size=1> <b>Product Description:</b> Electric Infrared 1 Lamp TPI Heater  <b>Weather Rating:</b> Outdoor/Indoor  <b>Watts:</b> 1500 or 3000W  <b>Heat Output:</b> 5120 or 10239BTUs  <b>Voltage:</b> 208,220,240,277 or 480V  <b>Reflector Angles:</b> 60°  <b>Color:</b> Stainless Steel  <b>Mount Type:</b> Wall or Ceiling  <b>Guard Options:</b> With or Without  <b>Lamp Amount:</b> 1 Lamp  <b>Product Type:</b> Industrial/Electrical TPI Heaters  <b>Usual Delivery Time or Lead Time:</b> 1 to 2 weeks  </FONT>
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