

# OCH Series Outdoor / Indoor Rated Quartz Electric Infrared Heater

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## Features

- Frosted Quartz Tube heating element (included)
- 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. These models are available with a factory installed 6' cord set. The 208V model must have a field supplied plug.
- Stainless steel models include an electrical enclosure assembled to the end of the heater housing and (2) 6" long lead wires for direct field connection.
- Two 2' ft. long mounting chains and four S-Hooks included
- The OCH-Series can be surfaced mounted using the supplied mounting brackets which allow up to a 45° horizontal tilt adjustment.
- Made in U.S.A.

Heats solid objects, not the air!



## Product Models

FINISH - BROWN			FINISH - STAINLESS Steel			CONNECTION TYPE	WATTS	BTU'S	VOLTS	AMPS	Qtz. Tube Repl. Element	WT. (LBS)
UPC# 686334	MODEL		UPC# 686334	MODEL								
Includes Electrical Enclosure						Hard Wire	1500	5120	120	12.5	671-3784	10
480444	OCH-46-120VE		480529	OCH-46-120V-SSE			2000	6826	208	9.6	671-5061	
480451	OCH-46-208VE		480536	OCH-46-208V-SSE			2000	6826	240	8.3	671-3785	
480468	OCH-46-240VE		480543	OCH-46-240V-SSE			2000	6826	277	7.2	671-5018	
480475	OCH-46-277VE		480550	OCH-46-277V-SSE			3000	10239	208	14.4	671-5060	12
480499	OCH-57-208VE		480574	OCH-57-208V-SSE			3000	10239	240	12.5	671-3786	
480482	OCH-57-240VE		480567	OCH-57-240V-SSE			3000	10239	277	10.8	671-5059	
480505	OCH-57-277VE		480581	OCH-57-277V-SSE			2250	7679	480	4.7	671-5058	
480512	OCH-57-480VE		480598	OCH-57-480V-SSE		Corded	1500	5120	120	12.5	671-3784	11
485975	OCH-46-120VCE		---	---	---		2000	6826	208	9.6	671-5061	13
485982	OCH-57-208VCE		---	---	---		2000	6826	240	8.3	671-3786	
485999	OCH-57-240VCE		---	---	---							

## Product Accessories

UPC # 686334	MODEL	DESCRIPTION	FOR USE WITH	WT. (LBS)	
480888	OCHWG-46	Stainless Steel Wire Guards	OCH-46 Series Models	2	
480895	OCHWG-57		OCH-57 Series Models	2	
881128	VMB-41-SS	Wall Mtg. Brackets (2)	ALL OCH Models	12	
445948	VHC-15	Variable Heat Controller	208/240V OCH Models Only	3	
485357	VHC-32	Variable Heat Controller	208/240V OCH Models Only	3	

## OCH Sizing Chart

MOUNTING HEIGHT	HEATER MODEL	WATTS	HEAT PATTERN COVERAGE (AT FLOOR LEVEL)			TOTAL WATTS / SQ. FT.
			LENGTH	WIDTH	SQ. FT.	
7'	OCH-46	1500	11	9	99	15.2
	OCH-46	2000	11	9	99	20.2
8'	OCH-46	1500	12	10	120	12.5
	OCH-46	2000	12	10	120	16.7
	OCH-57	3000	13	10	130	23.1
	OCH-57	2250	13	10	130	17.3
9'	OCH-46	1500	13	11	143	10.5
	OCH-46	2000	13	11	143	14.0
	OCH-57	3000	14	11	154	19.5
	OCH-57	2250	14	11	154	14.6
10'	OCH-57	3000	15	12	180	16.7
	OCH-57	2250	15	12	180	12.5
12'	OCH-57	3000	17	14	238	12.6
	OCH-57	2250	17	14	238	9.5

## Product Specifications

### Series:

OCH-46 & OCH-57

### Housing:

24 gauge Aluminized Steel with a baked on brown powder coat finish. Housing is cETLus Listed for indoor or outdoor applications. Horizontal mounting only.

### Reflectors and End Caps:

.040 Gold anodized Aluminum reflectors and end caps for superior reflectiveness. 60 degree medium (symmetric) pattern only.

### Elements:

Quartz Tubes. 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.

### Controls:

OCH Series heaters are not manufactured with any control device on the unit. All controls are accessories and should be specified as such. Please consult the technical sales department of factory for help in determining applicable controls. Please follow installation instructions that accompany each heater.

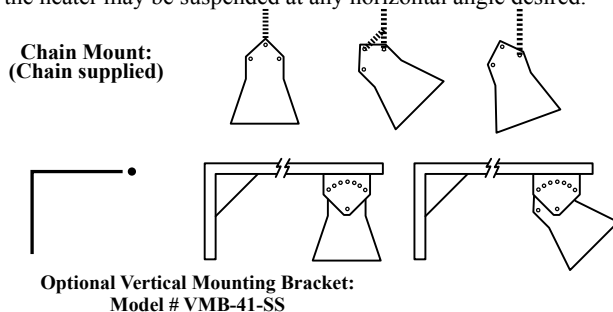
### Accessories:

Adjustable mounting brackets (stainless steel only), vertical mounting brackets (stainless steel only), wire guards, thermostats, SCR controllers, and power contactor panels.

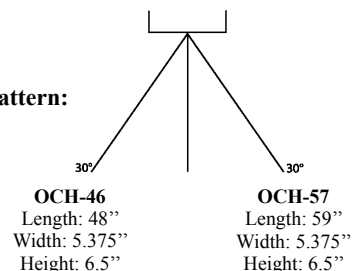
## Mounting Configurations & Reflector Pattern

### Mounting

- 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.



### Reflector Pattern:



## Mounting Clearances & Recommended Mounting Height

MOUNTING CLEARANCES	RECOMMENDED MOUNTING HEIGHT	
3" from ceiling; 12" from vertical surface 72" from face of heater to combustible surface 36" from another heater	OCH-46	7'-9'
	OCH-57	8'-10'