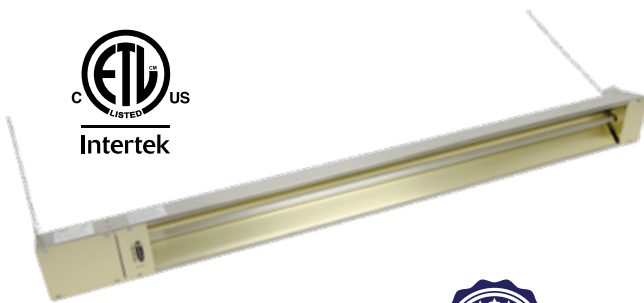


OUTDOOR RATED QUARTZ INFRARED HEATERS



OCH SERIES INDOOR/OUTDOOR HEATERS



FEATURES

- Frosted medium wavelength quartz tube heating element (included).
- ETL C/US 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° symmetrical heat pattern.
- Gold anodized reflector and end caps.
- 6' long, 14/3 HSW NEMA type rated cord included with models 3WA97, 3WA98 & 3WA99. (3WA97 & 3WA98 include plug and cord).
- All models can be field converted for direct wiring applications. Both connection types are ETL/C-UL approved.
- Two 2' long mounting chains and four S-hooks included.

BENEFITS

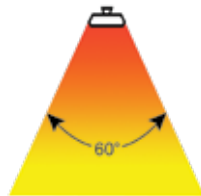
- Heats people and objects to a desired temperature comfort level.
- Instant radiant heat energy using a quartz tube infrared element.
- (3) mounting options:
 - Surface mount (wall or ceiling),
 - Bracket (Model VMB-41SS) or
 - Chain mounted (Supplied).
- Creates a safe, clean & comfortable atmosphere suspension mounting.

APPLICATION SOLUTIONS

- Outdoor spot heating for patio areas, bus shelters, smoking areas, etc.
- Indoor spot heating for over workstations, lobby entrances, and vestibule areas; including process applications for parts, etc.
- To achieve optimum infrared heating results, mount each heater 6' apart at 8' to 12' high and tilt heaters 15-20° inward.

REFLECTOR PATTERN

Note: The OCH-Series is designed with a non-glare 60° symmetrical pattern. The sizing chart will assist you based on your mounting height.



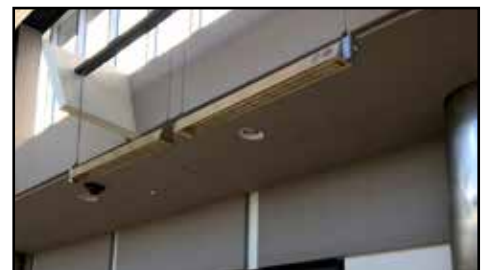
MOUNTING CLEARANCE REQUIREMENTS

- 3" from ceiling
- 12" from vertical surface
- 24" from face of heater to combustible surface
- 36" from another heater

SIZING CHART - OCH SERIES					
Mounting Height	Heater Model	L	W	Coverage (sq. ft.)	Watts / (sq. ft.)
8'	OCH-46	12	10	120	12.5
	OCH-57	13	10	130	23.1
10'	OCH-46	14	12	168	8.9
	OCH-57	15	12	180	16.7
12'	OCH-46	16	14	224	6.7
	OCH-57	17	14	238	12.6
14'	OCH-46	N/R	N/R	-	-
	OCH-57	19	16	304	9.9

N/R = Not recommended.

Place over workstations or cold spots for instant spot heating!



120, 208 & 240 Volt Application

OPTIONAL ACCESSORIES

GRAINGER MODEL #	MFG MODEL #	DESCRIPTION	FOR USE WITH	WT. (lbs.)
2KDE6	OCHWG-46	Stainless Steel Wire Guards	OCH-46 Series Models	2
2KDE7	OCHWG-57		OCH-57 Series Models	2
2KDD1	VMB-41-SS	Wall Mtg. Brackets (2)	OCH-46/57 Series Models	12
1UMN2	VHC-32	Variable Heat Controller		3
5JNF5	VHC-15			3

BROWN		STAINLESS STEEL		WATTS	BTUs	VOLTS	AMPS	WT. (lbs.)	REPL. LAMP	DIMENSIONS (in.)		
GRAINGER MODEL #	MFG MODEL #	GRAINGER MODEL #	MFG MODEL #							L	W	H
3WA97	OCH-46-120V-G	2KDA8	OCH-46-120V-SS	1500	5,120	120	12.5	9	1UMN6	44.4	5.5	6.5
3WA98	OCH-57-208V-G	2KDA9	OCH-57-208V-SS	3000	10,239	208	14.4	11	1UMN7	55.4	5.4	6.5
3WA99	OCH-57-240V-G	2KDC1	OCH-57-240V-SS			240	12.5					

NOTE: 208V model includes cord without plug.

