

BRANT RADIANT

RE-VERBER-RAY



INFRARED RADIANT HEATERS®

HEATERS LIMITED

LOW CLEARANCE

SERIES

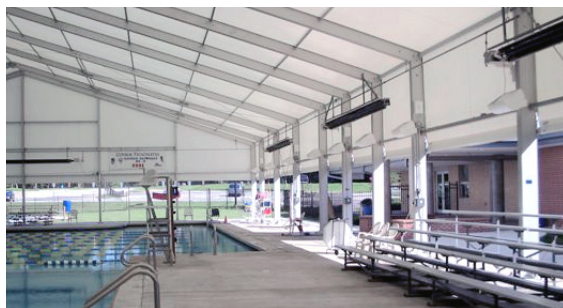
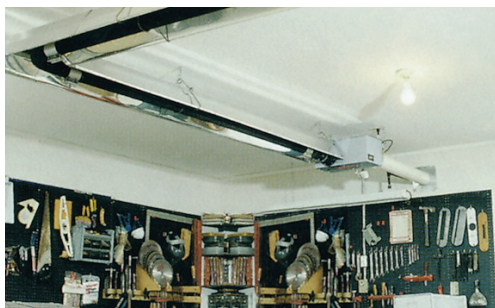
OCL

OCX

C SERIES

LOW CLEARANCE GAS FIRED INFRARED HEATERS

The C Series heater is specifically designed for applications that require a minimized clearance to combustible zone such as car washes, storage facilities, patios and much more. The C Series heater provides improved comfort levels while saving valuable energy dollars. In addition, the highest quality materials and construction features ensure years of reliable and efficient operation. No other low clearance infra-red heaters can match the performance, features and quality of the C Series.



PRODUCT FEATURES

- BTU/h Inputs of 50,000 to 100,000.
- Available in Tube Lengths of 30 to 60 Ft.
- Stainless Steel Primary Combustion Chamber.
- Coated Aluminized Steel Radiant Tubes.
- Highly Polished Aluminum Reflectors.
- External Operational Indicator Lights.
- Certified for Indoor and Outdoor Applications.



PRODUCT FEATURES COMPARISON CHART

	CL	CX
Highly Polished Aluminum Reflectors	•	•
Stainless Steel Combustion Chamber	•	•
Coated Aluminized Radiant Tubes	•	•
Hot Surface Ignition	•	•
Type 1 Rubber Flex Connector, 30"	•	•
Two-stage Technology	•	
Interlocking Swaged Tubes	•	•
Reflector End Caps Included	•	•
Optional 'U' or 'L' Configurations Available	•	•
24 Volt Controls Standard	•	

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VISIT OUR WEBSITE FOR:

- Product Specs
- Parts Support
- Dealer Locator
- Applications
- C.A.D. Library
- Design Guidelines
- Theory of Infrared
- and More!

C SERIES

SPECIFICATIONS

PRODUCT SPECIFICATIONS

BTU Input Range:	50,000 to 100,000 BTU/h
Lengths:	30 to 60 Ft.
Gas Type:	Natural or Propane
Combustion Chamber:	Stainless Steel
Radiant Tubes:	Coated Aluminized Steel
Certification:	CSA, IAS
Limited Warranty:	1-3-5 (Components-Tubes-Burner)

OPTIONAL EQUIPMENT

"U" or "L" Configurations: Available

Stainless Steel Upgrades: Available

24V Controls: Available

Indicator Lights: Standard

Protective Guards: Available

Side Shield Extensions: Available

Outdoor Approval: Available

ELECTRICAL

- 120V, 60Hz, 3-wire
- 4.8A starting, 1.1A running
- 120V controls

CONTROLS

- Pre-purge
- Potted circuitry
- 120V thermostat control

TUBE CONSTRUCTION

- As shown to left
- 4" x 10' 16 ga. construction
- Labour saving, interlocking swaged tube design

REFLECTORS

- Highly polished aluminum
- End caps included
- Reflector tension springs
- 0° – 45° rotatable angle

IGNITION/SENSE

- Hot surface ignition
- Flame rod sense

VENTING

- 4" single vent
- 4" common vent (with single thermostat)

GAS CONNECTION

- ½" or ¾" Type 1 Hose provided

GAS PRESSURES

- MAN. - 3.5" NAT or 10.0" LP
- MIN. - 5.0" NAT or 11.0" LP
- MAX. - 14.0" NAT or 14.0" LP

COMBUSTION AIR

- Equipped for ducted air intake from roof or sidewall

KIT CONTENTS

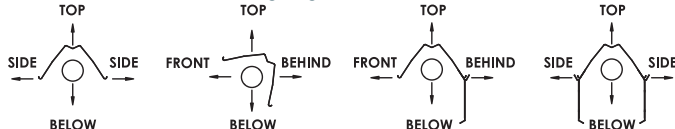
- All hangers & couplers
- Reflector end caps
- Stainless steel turbulator/heat baffle(s)

AVAILABLE C SERIES MODELS & CLEARANCES

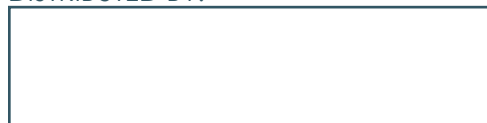
MODEL #	GAS*	BTU/h	LENGTH	SHIP WEIGHT	MOUNTING HEIGHTS**
CX-30-50	N or LP	50,000	31'-6"	165#	8' to 16'
CX-30-60	N or LP	60,000	31'-6"	165#	8' to 16'
CL-30-65	N or LP	65,000/50,000	31'-6"	165#	8' to 17'
CX-40-50	N or LP	50,000	41'-6"	200#	8' to 16'
CX-40-60	N or LP	60,000	41'-6"	200#	8' to 16'
CL-40-65	N or LP	65,000/50,000	41'-6"	200#	8' to 17'
CX-40-75	N or LP	75,000	41'-6"	200#	9' to 18'
CL-40-75	N or LP	75,000/52,000	41'-6"	200#	9' to 18'
CX-40-80	N or LP	80,000	41'-6"	200#	10' to 18'
CL-40-80	N or LP	80,000/56,000	41'-6"	235#	10' to 18'
CX-50-75	N or LP	75,000	51'-6"	235#	9' to 18'
CL-50-75	N or LP	75,000/52,000	51'-6"	235#	9' to 18'
CX-50-80	N or LP	80,000	51'-6"	235#	10' to 18'
CL-50-80	N or LP	80,000/56,000	51'-6"	235#	10' to 18'
CX-50-100	N or LP	100,000	51'-6"	235#	10' to 20'
CL-50-100	N or LP	100,000/70,000	51'-6"	235#	10' to 20'
CX-60-100	N or LP	100,000	61'-6"	280#	10' to 20'
CL-60-100	N or LP	100,000/70,000	61'-6"	280#	10' to 20'

* Specify natural (N) or propane (LP) gas.

0° Mounting Angle 45° Mounting Angle 0° W/ 1 Side Shield 0° W/ 2 Side Shields



DISTRIBUTED BY:



C SERIES CLEARANCES TO COMBUSTIBLES (IN.)

MODEL NO.	MOUNTING ANGLE	SIDE			
		FRONT	BEHIND	TOP	BELOW
CX-(30,40)-50	0°	9	9	3	25
	45°	39	8	10	25
W/1 side shield	0°	29	8	3	25
W/2 side shields	0°	9	9	3	25
20 ft. from burner	0°	7	7	3	25
CX-(30,40,50)-60	0°	11	11	3	31
	45°	39	8	10	31
W/1 side shield	0°	29	8	3	31
W/2 side shields	0°	9	9	3	31
20 ft. from burner	0°	7	7	3	31
CL-(30,40)-65	0°	11	11	3	31
	45°	39	8	10	31
W/1 side shield	0°	29	8	3	31
W/2 side shields	0°	9	9	3	31
20 ft. from burner	0°	7	7	3	31
CX, CL-(40,50)-75	0°	11	11	3	29
	45°	39	8	10	29
W/1 side shield	0°	29	8	3	29
W/2 side shields	0°	16	16	3	29
20 ft. from burner	0°	7	7	3	29
CX, CL-(40,50)-80	0°	11	11	3	29
	45°	39	8	10	29
W/1 side shield	0°	29	8	3	29
W/2 side shields	0°	16	16	3	29
20 ft. from burner	0°	7	7	3	29
CX, CL-(40,50)-100	0°	11	11	3	34
	45°	39	8	10	34
W/1 side shield	0°	29	8	3	34
W/2 side shields	0°	16	16	3	34
20 ft. from burner	0°	7	7	3	34

Clearances published in C Series manuals and on warning label supersede data shown on this brochure.

Reference C Series installation manual for complete information.