

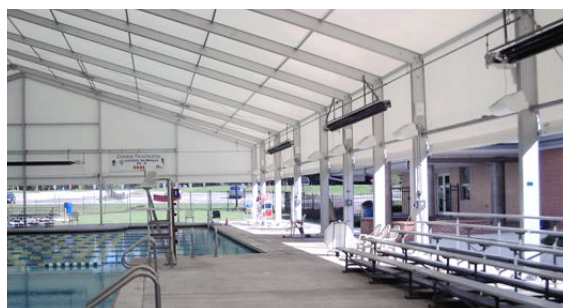
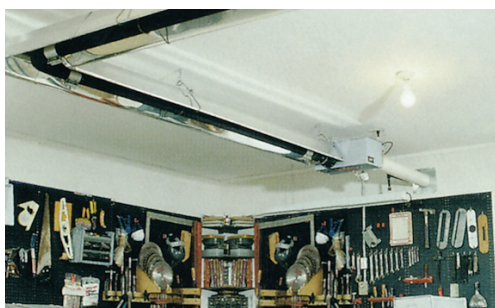
BRANT RADIANT

RE-VERBER-RAY

RADIANT GAS HEATERS®

HEATERS LIMITED

RESIDENTIAL/ LOW MOUNTING



PRODUCT FEATURES

- BTU/h Inputs of 25,000 to 50,000.
- Available in Tube Lengths of 10 to 30 Ft.
- Coated Titanium Stabilized Combustion Chamber.
- Coated Aluminized Steel Radiant Tubes.
- Highly Polished Aluminum Reflectors.
- External Operational Indicator Lights.
- Potted (water resistant) Circuitry.
- Hot Surface Ignition with Flame Rod Sensing.
- Specific Models Residentially Certified.

PRODUCT FEATURES COMPARISON CHART

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

SERIES

● LS

○ LD

LS SERIES

RESIDENTIALLY APPROVED GAS FIRED INFRARED HEATERS

The LS Series single stage heater represents the finest in single stage, low BTU infrared heaters. Designed for lower mounting heights, the LS Series is ideal for low ceiling commercial/industrial areas such as entranceways, mezzanines, lunch rooms and restaurant patios. Specific models are suitable in residential garages, enclosed swimming pools, solariums and porches.



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VISIT OUR WEBSITE FOR:

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

LS SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

BTU Input Range:	25,000 to 50,000 BTU/h
Lengths:	10 to 30 Ft.
Gas Type:	Natural or Propane
Combustion Chamber:	Coated Titanium Stabilized 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
- 3" x 10' 16 ga. construction
- Labor 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

- 3" 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 LS MODELS & CLEARANCES

MODEL #	GAS*	BTU/h	LENGTH	SHIP WEIGHT	RECOMMENDED MOUNTING HEIGHTS**
LS-10-25	N or LP	25,000	12'- 1"	85#	7' to 11'
LS-10-30	N or LP	30,000	12'- 1"	85#	8' to 11'
LS-10-40	N or LP	40,000	12'- 1"	85#	10' to 14'
LS-15-40	N or LP	40,000	16'- 10"	100#	8' to 13'
LS-15-50	N or LP	50,000	16'- 10"	100#	10' to 15'
LS-20-40	N or LP	40,000	21'- 10"	120#	8' to 13'
LS-20-50	N or LP	50,000	21'- 10"	120#	9' to 15'
LS-30-50	N or LP	50,000	31'- 7"	160#	9' to 14'

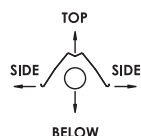
* Specify natural (N) or propane (LP) gas.

See Installation Manual For Complete Information.

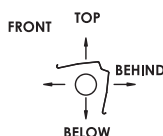
Models approved for Both commercial/industrial and residential use.

Models approved for Commercial/industrial use only.

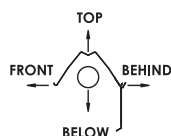
0° Mounting Angle



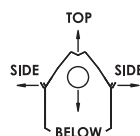
45° Mounting Angle



0° W/ 1 Side Shield



0° W/ 2 Side Shields



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LS CLEARANCES TO COMBUSTIBLES (IN.)

MODEL NO.	MOUNTING ANGLE	SIDE		TOP	BELOW
		FRONT	BEHIND		
LS-10-(25, 30)	0°	8	8	4	36
	45°	39	8	10	36
W/1 side shield	0°	29	8	4	36
W/2 side shields	0°	9	9	4	36
20 ft. from burner	0°	NA	NA	NA	NA
LS-(10, 15, 20)-40	0°	15	15	6	45
	45°	58	8	10	45
W/1 side shield	0°	42	8	6	45
W/2 side shields	0°	20	20	6	45
20 ft. from burner	0°	NA	NA	NA	NA
LS-15-50	0°	11	11	6	48
	45°	39	8	10	48
W/1 side shield	0°	29	8	6	48
W/2 side shields	0°	16	16	6	48
20 ft. from burner	0°	NA	NA	NA	NA
LS-(20, 30)-50	0°	11	11	6	48
	45°	39	8	10	48
W/1 side shield	0°	29	8	6	48
W/2 side shields	0°	16	16	6	48
20 ft. from burner	0°	7	7	6	30

Always maintain the published clearances to combustibles. Place signs where necessary in accordance with ANSI Standards.

Clearances published in LS Series manual and on warning label supersede data shown on this brochure.

** Recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.

NOTICE: If the heater is mounted below 8 feet, protective guards (PG) are required.