

BRANT RADIANT

RE-VERBER-RAY



HEATERS LIMITED

SPECIALTY HEATER OFFERING

SERIES ● -SS

Stainless Steel

UPGRADES TO HL & DX SERIES GAS-FIRED INFRARED HEATERS

The energy-saving qualities of infrared heating can be applied in many wet, contaminated or harsh environments with the -SS Series of stainless steel low intensity tube heaters from Re-Verber-Ray®. Constructed of 304 stainless steel, the -SS Series is also ideal for use in many outdoor applications. Re-Verber-Ray® -SS Series infrared tube heaters offer the latest in technology and the BEST in durability and performance!



PRODUCT FEATURES

- For use in harsh, wet, contaminated and outdoor applications.
- BTU/h inputs of 75,000 to 150,000.
- Available in tube lengths of 20 to 60 Ft.
- Choose 100% product upgrade or selected optional upgrades.
- Components totally enclosed in a moisture resistant silicone sealed control housing.
- Rain tight electrical attachments.
- See chart on reverse for additional features.

PRODUCT FEATURES COMPARISON CHART

	HL-SS	DX-SS
Two-Stage Operation	●	
304 Stainless Steel Tubes	●	●
Type 1 Rubber Hose	●	●
Highly Polished 304 Stainless Steel Reflectors	●	●
Watertight Electrical Connections/Cords	●	●
Stainless Steel Hanging Accessories	●	●
304 Stainless Steel Burner Assembly	●	●
Silicone Sealed Control Housing	●	●
Silicone Carbide Hot Surface Ignition	●	●
External Operational Indicator Lights	●	●
Optional 'U' or 'L' Configurations Available	●	●
Stainless Steel Clamps	●	●

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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!

-SS STAINLESS STEEL SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

BTU Range:	75,000 To 150,000 BTU/h
Lengths:	20 to 60 Ft.
Gas Type:	Natural or Propane
Combustion Chamber:	Coated 304 Stainless Steel*
Radiant Tubes:	Coated 304 Stainless Steel
Certification:	CSA
Limited Warranty:	1-5-10 (Components-Tubes-Burner)

* 150,000 BTU heaters require 409 Stainless Steel as a combustion chamber.

HL & DX SERIES OPTIONAL EQUIPMENT

'U' or 'L' Configurations:	Available (RU-SS, RE-SS)
24V Controls:	Standard (HL-SS); Opt. 24VAO (DX-SS)
Indicator Lights:	Available
Protective Guards:	Available (PG)
Side Shield Extensions:	Available (SSE-SS)
Outdoor Approval:	Available (OD-KIT)

ELECTRICAL

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

CONTROLS

- Pre-purge
- Potted circuitry
- See Series IOM for control voltage.

TUBE CONSTRUCTION

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

REFLECTORS

- Highly polished 304 stainless steel.
- Stainless steel end caps.
- Reflector tension springs
- 0° - 45° rotatable angle

IGNITION/SENSE

- Hot surface ignition
- Flame rod sense

VENTING

- 4" single vent
- 6" 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 4" PVC ducted air intake from roof or sidewall.
- Required in all harsh environments.

KIT CONTENTS

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

AVAILABLE -SS MODELS & OPTIONAL FEATURES

	MODEL #	GAS*	BTU/h		LENGTH	WEIGHT	MOUNTING HEIGHTS**
			HIGH FIRE	LOW FIRE			
SINGLE-STAGE	DX-20-75-SS	N or LP	75,000	N/A	21'-7"	145 lbs.	11' to 18'
	DX-30-75-SS	N or LP	75,000	N/A	31'-3"	195 lbs.	12' to 20'
	DX-30-100-SS	N or LP	100,000	N/A	31'-3"	195 lbs.	13' to 23'
	DX-40-75-SS	N or LP	75,000	N/A	40'-11"	235 lbs.	12' to 20'
	DX-40-100-SS	N or LP	100,000	N/A	40'-11"	235 lbs.	13' to 23'
	DX-40-125-SS	N or LP	125,000	N/A	40'-11"	235 lbs.	14' to 25'
	DX-40-150-SS	N or LP	150,000	N/A	40'-11"	235 lbs.	16' to 30'
	DX-50-100-SS	N or LP	100,000	N/A	50'-7"	290 lbs.	15' to 27'
	DX-50-125-SS	N or LP	125,000	N/A	50'-7"	290 lbs.	15' to 27'
	DX-50-150-SS	N or LP	150,000	N/A	50'-7"	290 lbs.	16' to 30'
TWO-STAGE	HL-20-75-SS	N or LP	75,000	50,000	21'-7"	145 lbs.	10' to 15'
	HL-30-75-SS	N or LP	75,000	50,000	31'-3"	195 lbs.	11' to 18'
	HL-30-100-SS	N or LP	100,000	65,000	31'-3"	195 lbs.	12' to 20'
	HL-40-75-SS	N or LP	75,000	50,000	40'-11"	235 lbs.	11' to 18'
	HL-40-100-SS	N or LP	100,000	65,000	40'-11"	235 lbs.	12' to 20'
	HL-40-125-SS	N or LP	125,000	95,000	40'-11"	235 lbs.	13' to 23'
TWO-STAGE	HL-40-150-SS	N or LP	150,000	100,000	40'-11"	235 lbs.	14' to 25'
	HL-50-125-SS	N or LP	125,000	95,000	50'-7"	290 lbs.	15' to 27'
	HL-50-150-SS	N or LP	150,000	100,000	50'-7"	290 lbs.	15' to 27'
	HL-60-150-SS	N or LP	150,000	100,000	60'-3"	330 lbs.	16' to 30'

* Specify Natural Gas (N) or Propane (LP).

** Mounting Heights are provided as a guideline. Actual conditions may dictate variations from the data above. See Series installation, operation manual for additional information.

AVAILABLE STAINLESS STEEL ADD-ONS

PART NO.	DESCRIPTION	HL3	DX3	DET3	DES3	LD3	LS3
SSCBAO	Control Box Upgrade	--- Call for Availability ---					
SSTAO	Tube Upgrade	•	•				
SSRAO	Reflector Upgrade	•	•	•	•	•	•
SSTRAO	Tube & Reflector Upgrade	•	•				
SSC-##	Butt Clamp Upgrade	•	•	•	•		
SSB-##	Mounting Bracket Upgrade	•	•	•	•		

Tube upgrade add-ons available in BTU range of 75,000 to 150,000 only.

CLEARANCE TO COMBUSTIBLES DATA (IN INCHES)

MODEL BTU INPUT	MOUNTING ANGLE	SIDE		TOP	BELOW
		FRONT	BEHIND		
75,000 BTU/h	0°	9	9	6	60
	45°	39	8	10	60
	W/1 side shield	0°	29	8	60
	W/2 side shield	0°	9	9	60
100,000 BTU/h	0°	7	7	6	30
	45°	14	14	6	66
	W/1 side shield	0°	39	8	10
	W/2 side shield	0°	29	8	66
125,000 BTU/h	0°	16	16	6	66
	45°	20	20	6	76
	W/1 side shield	0°	58	8	10
	W/2 side shield	0°	42	8	76
150,000 BTU/h	0°	20	20	6	76
	45°	24	24	6	81
	W/1 side shield	0°	58	8	10
	W/2 side shield	0°	42	8	81
150,000 BTU/h	0°	7	7	6	30
	45°	24	24	6	81
	W/1 side shield	0°	58	8	10
	W/2 side shield	0°	42	8	81
20 ft. from burner	0°	11	11	6	44
	45°	23	23	6	81

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

DISTRIBUTED BY:



LB-SS-5/14 (BRH)