RE-VERBER-RAY HEATER SUBMITTAL SHEET

HL2-SS SERIES TUBE HEATERS

TWO-STAGE LOW INTENSITY GAS-FIRED INFRARED TUBE HEATERS & ACCESSORIES

PROJECT ID: _____ ADDRESS: _____

PROJECT NAME: _____

DATE: _____ CITY: _____ STATE: _____ ZIP: _____

Submitted By: _____ Address: _____

Company: _____

Phone: _____ City: _____

Email: _____ State: _____ Zip: _____

Engineer: _____ Contractor: _____

Phone/Email: _____ Phone/Email: _____

Address: _____ Address: _____

City: _____ City: _____

State: _____ Zip: _____ State: _____ Zip: _____

QTY.	MODEL #	TAG	INDICATE GAS TYPE	BTU/h High Fire	BTU/h Low Fire	STRAIGHT LENGTH	U-TUBE LENGTH	STD. WEIGHT	TYP. OR RCMD. MOUNTING HEIGHTS[1]
	HL2-SS-20-75		N or P	75,000	50,000	21' - 7"	13' - 0"	145 lbs.	10' to 15'
	HL2-SS-20-80		N or P	80,000	52,000	21' - 7"	13' - 0"	145 lbs.	10' to 15'
	HL2-SS-30-75		N or P	75,000	50,000	31' - 3"	17' - 10"[2]	195 lbs.	11' to 18'
	HL2-SS-30-80		N or P	80,000	52,000	31' - 3"	17' - 10"[2]	195 lbs.	11' to 18'
	HL2-SS-30-100		N or P	100,000	65,000	31' - 3"	17' - 10"[2]	195 lbs.	12' to 20'
	HL2-SS-40-75		N or P	75,000	50,000	40' - 11"	22' - 8"	235 lbs.	11' to 18'
	HL2-SS-40-80		N or P	80,000	52,000	40' - 11"	22' - 8"	235 lbs.	11' to 18'
	HL2-SS-40-100		N or P	100,000	65,000	40' - 11"	22' - 8"	235 lbs.	12' to 20'
	HL2-SS-40-125		N or P	125,000	82,000	40' - 11"	22' - 8"	235 lbs.	13' to 23'
	HL2-SS-40-150		N or P	150,000	100,000	40' - 11"	22' - 8"	235 lbs.	14' to 25'
	HL2-SS-50-125		N or P	125,000	82,000	50' - 7"	27' - 6"[2]	290 lbs.	15' to 27'
	HL2-SS-50-150		N or P	150,000	100,000	50' - 7"	27' - 6"[2]	290 lbs.	15' to 27'
	HL2-SS-50-175		N or P	175,000	125,000	50' - 7"	27' - 6"[2]	290 lbs.	16' to 30'
	HL2-SS-60-150		N or P	150,000	100,000	60' - 3"	32' - 4"	330 lbs.	16' to 30'
	HL2-SS-60-175		N or P	175,000	125,000	60' - 3"	32' - 4"	330 lbs.	16' to 30'
	HL2-SS-60-200		N or P	200,000	145,000	60' - 3"	32' - 4"	330 lbs.	17' to 35'

[1] Typical or recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from this data.

[2] Model requires 5EA-SUB accessory package when installing heater in a U-shaped configuration.

DETROIT RADIANT PRODUCTS COMPANY

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Warren, MI 48089

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HL2-SS SERIES FEATURED SPECIFICATIONS

APPROVALS
- CSA Design Certified
- Commercial/Industrial Approval
- Indoor/Outdoor Approval

BURNER CONTROL BOX
- Sight glass for burner inspection
- Totally enclosed components
- 304 series stainless steel construction
- Operational indicator lights
- Silicone sealed

GAS CONNECTION
- ⅞" flare-M FPT Connection to ½" x 24" (304) SS PVC coated flex connector provided
- ½" NPT ball valve & inlet tap included

GAS SUPPLY (Inches W.C.)
- Manifold pressure: Nat 3.5; Prop 10.0
- Min. Inlet pressure: Nat 5.0; Prop 11.0
- Max. Inlet pressure: Nat 14.0; Prop 14.0

POWER SUPPLY
- 120 VAC, 60 Hz GRD, 1 Ph., 3-wire
- 60 in. grounded power cord
- Ignition current: 4.8 amps
- Running current: 1.1 amps

CONTROLS
- Two stage gas valve (at 100% and 65%)
- Air proving safety switch
- Silicon carbide hot surface igniter
- Pre- and post- purge controls
- Flame rod sensing
- 24 V thermostatic control voltage
- Self-diagnostic LED

REFLECTOR
- Highly polished 304 stainless steel
- Two end caps included
- Reflector tension springs
- Continuous overlap design
- One reflector center support per reflector

COMBUSTION & RADIANT TUBES
- 16 ga. 4" O.D. 304 series stainless steel radiant emitter tubes
- 409 series combustion chamber
- All tubes coated with high temperature, corrosion resistant black coating, 0.95 emissivity
- Slip-fit swaged connection
- Turbulator baffle

COMBUSTION AIR INLET & VENTING
- Preset 4" combustion air inlet collar
- Sidewall or roof venting

LIMITED WARRANTY
- 3 years - Burner box components
- 5 years - Combustion and radiant tubes
- 10 years - Burner

OPTIONAL UPGRADES

Options in this section must be ordered at time of manufacture and cannot be added after heater is built.

☐ **HLRB** Relay board, required on heaters sharing a common thermostat or a single vent.

☐ **5EA-SUB** Substitutes one 10 ft. radiant tube and reflector for two 5 ft. sections. This is ideal for making U-shaped heater configurations from 30 ft., 50 ft. and 70 ft. models. One per heater.

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