RE-VERBER-RAY HEATER SUBMITTAL SHEET

DX2-SB SERIES TUBE HEATERS

SINGLE-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 INPUT	STRAIGHT LENGTH	U-TUBE LENGTH	STD. WEIGHT	TYP. OR RCMD. MOUNTING HEIGHTS[1]
	DX2-SB-20-50		Gas Type	50,000	21'- 8"	13'- 0"	120 lbs.	9' to 14'
	DX2-SB-20-60		Gas Type	60,000	21'- 8"	13'- 0"	120 lbs.	10' to 15'
	DX2-SB-20-75		Gas Type	75,000	21'- 8"	13'- 0"	120 lbs.	11' to 18'
	DX2-SB-20-80		Gas Type	80,000	21'- 8"	13'- 0"	120 lbs.	11' to 18'
	DX2-SB-30-50		Gas Type	50,000	31'- 4"	17'- 8"[2]	160 lbs.	10' to 15'
	DX2-SB-30-60		Gas Type	60,000	31'- 4"	17'- 8"[2]	160 lbs.	11' to 18'
	DX2-SB-30-75		Gas Type	75,000	31'- 4"	17'- 8"[2]	160 lbs.	12' to 20'
	DX2-SB-30-80		Gas Type	80,000	31'- 4"	17'- 8"[2]	160 lbs.	12' to 20'
	DX2-SB-30-100		Gas Type	100,000	31'- 4"	17'- 8"[2]	160 lbs.	13' to 23'
	DX2-SB-30-125		Gas Type	125,000	31'- 4"	17'- 8"[2]	160 lbs.	14' to 25'
	DX2-SB-40-50		Gas Type	50,000	41'- 0"	22'- 8"	190 lbs.	11' to 18'
	DX2-SB-40-60		Gas Type	60,000	41'- 0"	22'- 8"	190 lbs.	11' to 18'
	DX2-SB-40-75		Gas Type	75,000	41'- 0"	22'- 8"	190 lbs.	12' to 20'
	DX2-SB-40-80		Gas Type	80,000	41'- 0"	22'- 8"	190 lbs.	12' to 20'
	DX2-SB-40-100		Gas Type	100,000	41'- 0"	22'- 8"	190 lbs.	13' to 23'
	DX2-SB-40-125		Gas Type	125,000	41'- 0"	22'- 8"	190 lbs.	14' to 25'
	DX2-SB-40-150		Gas Type	150,000	41'- 0"	22'- 8"	190 lbs.	15' to 27'
	DX2-SB-40-175		Gas Type	175,000	41'- 0"	22'- 8"	190 lbs.	16' to 30'
	DX2-SB-50-100		Gas Type	100,000	50'- 8"	27'- 4"[2]	235 lbs.	15' to 27'
	DX2-SB-50-125		Gas Type	125,000	50'- 8"	27'- 4"[2]	235 lbs.	15' to 27'
	DX2-SB-50-150		Gas Type	150,000	50'- 8"	27'- 4"[2]	235 lbs.	16' to 30'
	DX2-SB-50-175		Gas Type	175,000	50'- 8"	27'- 4"[2]	235 lbs.	17' to 35'
	DX2-SB-50-200		Gas Type	200,000	50'- 8"	27'- 4"[2]	235 lbs.	18' to 40'
	DX2-SB-60-125		Gas Type	125,000	60'- 4"	32'- 4"	265 lbs.	16' to 30'
	DX2-SB-60-150		Gas Type	150,000	60'- 4"	32'- 4"	265 lbs.	17' to 35'
	DX2-SB-60-175		Gas Type	175,000	60'- 4"	32'- 4"	265 lbs.	17' to 35'
	DX2-SB-60-200		Gas Type	200,000	60'- 4"	32'- 4"	265 lbs.	18' to 40'
	DX2-SB-70-175		Gas Type	175,000	70'- 0"	37'- 0"2	300 lbs.	19' to 42'
	DX2-SB-70-200		Gas Type	200,000	70'- 0"	37'- 0"2	300 lbs.	19' to 42'
	DX2-SB-80-200		Gas Type	200,000	79'- 8"	42'- 0"	330 lbs.	20' to 45'

[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
Detroit Radiant Products
21400 Hoover Rd.
Warren, MI 48089
Phone: (586) 756-0950
Email: sales@drp-co.com
www.reverberray.com

DX2-SB SERIES FEATURED SPECIFICATIONS

APPROVALS
- CSA Design Certified
- Commercial/Industrial Approval
- 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) PVC coated SS 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
- 100% safety shut-off
- Moisture resistant control module
- Air proving safety switch
- Silicon carbide hot surface igniter
- Pre-purge controls
- Flame rod sensing
- 120V thermostatic control (standard)

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

COMBUSTION & RADIANT TUBES
- 16 ga. 4" O.D. aluminized coated steel radiant emitter tubes
- Titanium coated combustion chamber (150–200 MBH models)
- 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.

- ☐ **OD-KIT** For use when applying heaters outdoors.
- ☐ **24VAO** Internally mounted 24 V controlled relay with power cord and terminal plug. Allows for circuit operation.
- ☐ **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.

STAINLESS STEEL UPGRADES

- ☐ **SSRAO** 10 ft. Reflector Section.
- ☐ **SSTAO** 10 ft. Tube Section (75–200 MBH only). Not available on 30-125, 40-175, 50-200 models.
- ☐ **SSTRAO** Tubes & Reflectors (75–200 MBH only). Not available on 30-125, 40-175, 50-200 models.
- ☐ **SSB-##** Mounting Brackets (## = heater length).
- ☐ **SSC-##** Tube Clamps (## = heater length).

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