

BAH SERIES MEDIUM-WAVE

SUBMITTAL DATA ELECTRIC INFRARED SPACE HEATERS

SUBMITTED BY: _____		DATE: _____	
JOB TITLE: _____		CONTRACTOR: _____	
ADDRESS: _____		PHONE #: _____	
CITY: _____		ADDRESS: _____	
STATE: _____	ZIP: _____	CITY: _____	
		STATE: _____	ZIP: _____
ENGINEER: _____		PHONE: _____	
LOCAL REPRESENTATIVE: _____		PHONE: _____	

Qty.	Model Number	Overall Length	Volts	kW	Watts	Amps	Phase	Equivalent BTU's	Ship Weight
	BAH-18-A-05	18"	120	0.5	500	4.2	Single	1,700	8 lbs (3.6 kg)
	BAH-25-A-10	25"	120	1.0	1,000	8.3	Single	3,400	10 lbs (4.5 kg)
	BAH-25-B-10	25"	208	1.0	1,000	4.8	Single	3,400	10 lbs (4.5 kg)
	BAH-25-C-10	25"	240	1.0	1,000	4.2	Single	3,400	10 lbs (4.5 kg)
	BAH-35-A-17 ¹	35"	120	1.7	1,750	14.0	Single	5,900	13 lbs (5.9 kg)
	BAH-35-B-17 ¹	35"	208	1.7	1,750	8.3	Single	5,900	13 lbs (5.9 kg)
	BAH-35-C-17 ¹	35"	240	1.7	1,750	7.0	Single	5,900	13 lbs (5.9 kg)
	BAH-45-B-25 ¹	45"	208	2.5	2,500	12.0	Single	8,500	16 lbs (7.3 kg)
	BAH-45-C-25 ¹	45"	240	2.5	2,500	10.0	Single	8,500	16 lbs (7.3 kg)
	BAH-60-B-30 ^{1,2}	60"	208	3.0	3,000	14.0	Single	10,200	20 lbs (9.1 kg)
	BAH-60-C-30 ²	60"	240	3.0	3,000	12.0	Single	10,200	20 lbs (9.1 kg)
	BAH-60-C-40 ^{1,2}	60"	240	4.0	4,000	16.5	Single	13,500	20 lbs (9.1 kg)
	BAH-60-D-40 ²	60"	575	4.0	4,000	7.0	Single	13,500	20 lbs (9.1 kg)

¹ Stocked unit, ² Truckline only.

DETROIT RADIANT PRODUCTS CO.		VISIT OUR WEBSITE FOR:	
	21400 Hoover Rd.	Phone: (586) 756-0950	• Product Specs
	Warren, MI 48089-3162	Toll Free: (800) 222-1100	• Parts Support
		Fax: (586) 756-2626	• Dealer Locator
		Email: sales@drp-co.com	• Theory of Infrared
		Website: www.detroitradiant.com	• and More!

LSBAH-0M-0817 (DRP)



HEATER CONSTRUCTION

- High-end quality and compact, aesthetic design.

REFLECTORS

- Wide, symmetrical design.

LAMP ELEMENTS

- High resistance Quartz.
- Instant heat-up to 3,500°F in 2 seconds.

CONTROLS

- Field supplied.

ELECTRICAL SUPPLY

- Voltages from 120 to 575 VAC
- Single-phase.
- 500 to 4,000W per unit.

MOUNTING

- Optional 0° to 45° adjustable mounting brackets.

APPROVALS

- CSA Design Certified for indoor applications.
- Commercial/Industrial Approval.
- Not for home or recreational use in a living space or dwelling.

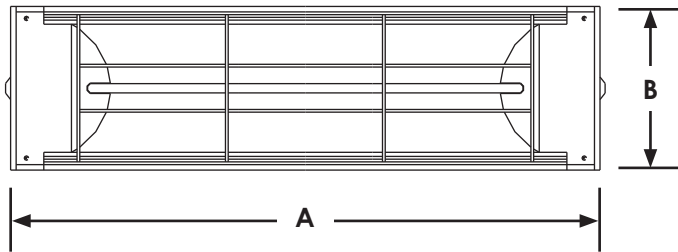
LIMITED WARRANTY

- All components - 90-days.
- Please contact the factory for further information on the terms and conditions.*

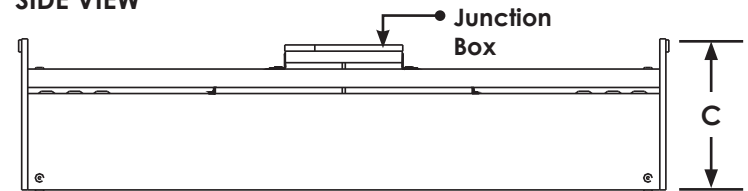
FIELD DATA

DIMENSIONAL INFORMATION

BOTTOM VIEW



SIDE VIEW

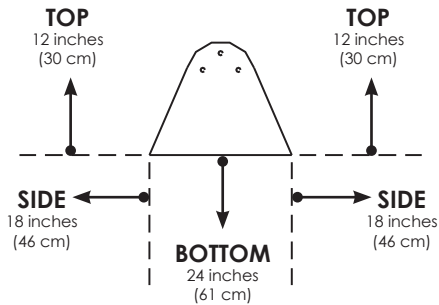


MODEL NUMBER	DIM A INCHES (MM)	DIM B INCHES (MM)	DIM C INCHES (MM)
BAH-18	18 (457)	6.75 (172)	6.375 (162)
BAH-25	25 (635)	6.75 (172)	6.375 (162)
BAH-35	35 (889)	6.75 (172)	6.375 (162)
BAH-45	45 (1143)	6.75 (172)	6.375 (162)
BAH-60	60 (1524)	6.75 (172)	6.375 (162)

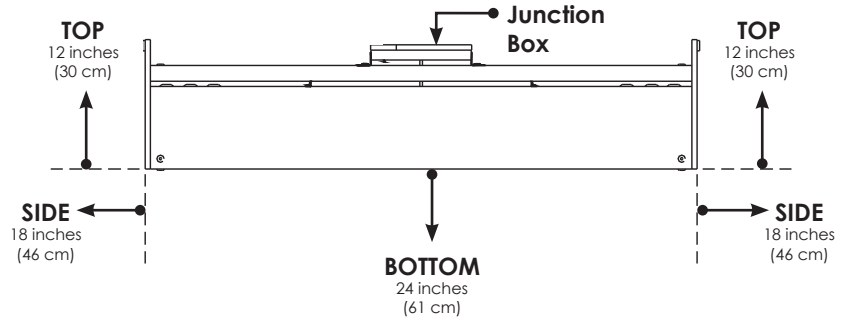
CLEARANCES TO COMBUSTIBLES IN INCHES (CM)

Clearances to combustibles **must** be maintained. Clearances are measured from the radiant surface and/or heater bottom to the nearest combustible surface. It is essential that the position and the angle of the installation avoids any possibility of curtains, draperies, or other flammable material coming in contact with the heater.

END VIEW



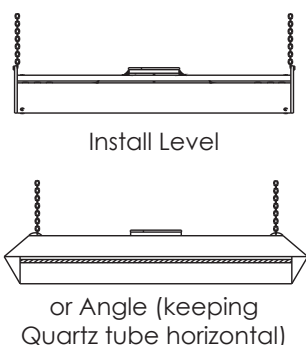
SIDE VIEW



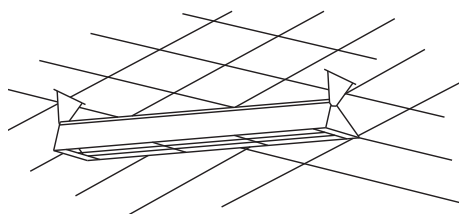
OPTIONAL ACCESSORIES

QTY.	PART NO.	DESCRIPTION	NOTES
	THCS	5' Mounting Chain Set	Chain set with 2) 'S'-hooks. Used for hanging heater. Two needed per heater. 0-20° adjustment range.
	MB-1	BAH Mounting Bracket Set	Used for wall and ceiling mounting. Total range of adjustment is 180°. Sold in pairs.
	MWC-16	120V Variable Heat Controller	On/off with heater output modulation. 15 Amp. 1600 Watts max.
	MWC-32	208-240V Variable Heat Controller	On/off with heater output modulation. 15 Amp. 3200 Watts max.
	SMWC-18	120V Variable Heat Controller	On/off with heater output modulation. 15 Amp. 1800 Watts max.
	SMWC-36	208-240V Variable Heat Controller	On/off with heater output modulation. 15 Amp. 3600 Watts max.
	SCR208-30-1	208-240V SCR Controller	Used for heater output modulation. Single-phase, 30 Amp max. Enclosure included.
	TH-1A66	Heater Thermostat	For use on heaters up to 277V. 22 amps at 120 or 240 VAC non-inductive; 18 amps at 277 VAC non-inductive.
	VHC-3	208-240V Variable Heat Controller	Suitable for up to a 3kW of infrared heater. Integral on/off switch. Fully adjustable power setting.
	TC-6	Push Button Timer Control	Suitable for up to 5-6kW of infrared heaters at 208-240V supply. 5 to 70 minute time delay. IP55 rated.
	PLQ	Clearance Safety Limit Sign	Designed to be hung or adhered at clearance to combustible limit. 24 ga. aluminum 10" x 7".

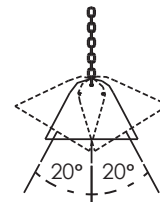
Chain Mounting



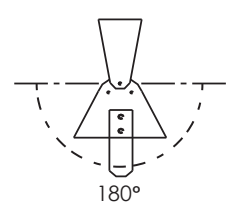
Ceiling or Wall Surface Mounting



3-Position Chain Mounting



180° Adjustable Bracket Mounting



WRITTEN SPECIFICATIONS

BAH SERIES INFRARED HEATER PARAMETER/SPECIFICATIONS

- Electric infrared space heaters shall be supplied and installed in accordance with the manufacturer's certified installation instructions and governing codes, as shown per building drawing(s) _____
Medium-wave electric heaters shall be **RE-VERBER-RAY BAH SERIES**, as manufactured by Detroit Radiant Products Company, Warren, MI 48089.
- Medium-wave infrared heaters shall be Design Certified by the Canadian Standards Association Int'l and bear the C.S.A. Seals of Certification for the United States and Canada. Certified to UL Standard number 1278 and Canadian Standard number 46-M1988-ELECTRIC AIR-HEATERS.
- The quartz tubing shall be opaque in color allowing maximum radiant heat transfer.
- Heaters shall operate in given voltages 120, 208, 240, and 575 single phase 50/60 Hz.
- Heaters shall operate in given kilowatt inputs 0.5, 1.0, 1.75, 2.5, 3.0, and 4.0.
- Heaters radiant efficiency shall be 76% minimum.
- The manufacturer shall have a minimum of 35 years of manufacturing experience producing electric infrared heaters.

BAH SERIES INFRARED HEATER CONSTRUCTION

- The heater reflector shall be constructed of specular polished aluminum.
- The emitter tubing shall be ½" I.D. drawn Quartz with high temperature ceramic end caps.
- The heater body shall be powder-coated steel.
- The protective grill shall be bright zinc coated.
- Optional factory supplied mounting brackets shall accommodate for sidewall or ceiling mounting.