

# DSS SERIES MEDIUM-WAVE

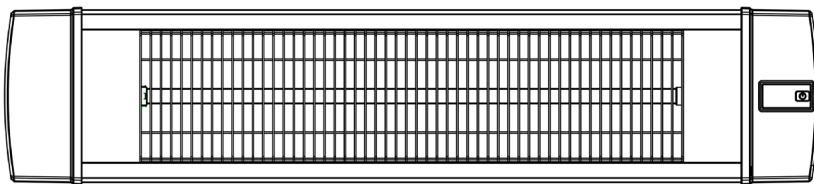
## SUBMITTAL DATA ELECTRIC INFRARED SPACE HEATERS

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

Qty.	Model Number	Volts	Watts	BTU	Amps	Typical Mounting Height <sup>1</sup>	Approx. Coverage	Approx. Watts per Square Foot	Weight
	<b>DSS-35B1-A15</b>	120	1,500	5,118	12.5	6 to 8 ft.	75 Sq. Ft.	15	6.6 lbs (3 kg)
	<b>DSS-35B1-C25</b>	230	2,500	8,530	10.87	7 to 11 ft.	120 Sq. Ft.	17	6.6 lbs (3 kg)

<sup>1</sup>Factory recommended mounting heights are listed as a guideline. If infrared heaters are mounted too low or too high, they may result in discomfort or lack of heat.

Housing Color	Lamp Qty.	Voltage Code	Lamp Wattage Code	Lamp Type (Color)
Black	1	A = 120 VAC C = 230 VAC	15 = 1,500 25 = 2,500	White
	1			



Available in 1,500 W or 2,500 W.

DETROIT RADIANT PRODUCTS CO.



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Warren, MI 48089-3162

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Website: www.irpatio.com



# DSS SPECIFICATIONS

## HEATER CONSTRUCTION

- Rustproof, black-colored body parts
- IP55 water resistant for use in harsh conditions
- Weatherproof - Heat is not affected by drafts, strong winds, or rain
- High-end quality and compact, aesthetic slim design

## REFLECTORS

- Custom designed parabolic reflector reflects 99% of rays directly towards target

## LAMP ELEMENTS

- Carbon Lamps
- Instant heat-up in 2 seconds
- Long lamp life and heat sensitivity

## MOUNTING

- 0° to 45° adjustable brackets
- Universal burning position operates in all installation angles for ultimate versatility

## ELECTRICAL SUPPLY

- Voltages from 120 to 230 VAC
- Single-phase
- 1,500 to 2,500W

## CONTROLS

- Field supplied

## APPROVALS

- ETL Listed
- CE Certified for indoor and outdoor applications
- Commercial/Industrial & Residential Approval
- 120v Power Cord Included on A15 Model

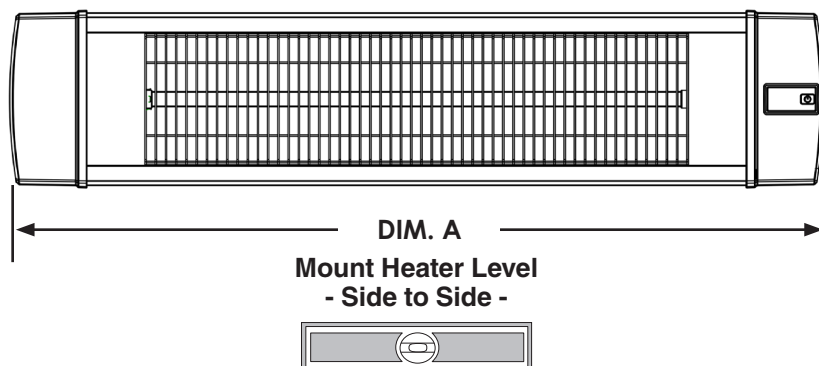
## LIMITED WARRANTY

- All components - 1 year.
- Please contact the factory for further information on the terms and conditions.*

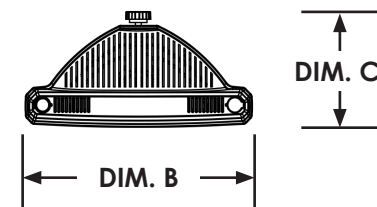
# FIELD DATA

## DIMENSIONAL INFORMATION

### FRONT VIEW



### END VIEW

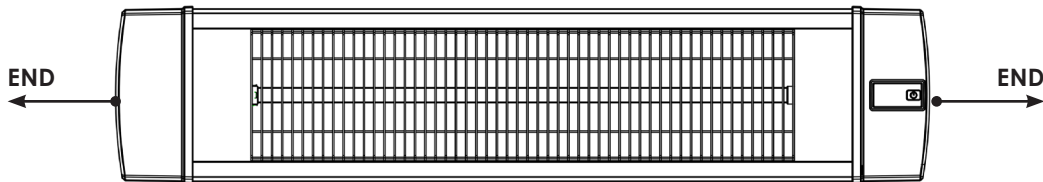


MODEL NUMBER	DIM A INCHES (MM)	DIM B INCHES (MM)	DIM C INCHES (MM)
DSS-35B1-A15	34.49 (876)	7.69 (195)	3.33 (85)
DSS-35B1-C25	34.49 (876)	7.69 (195)	3.33 (85)

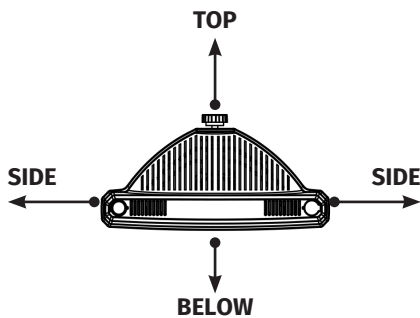
## CLEARANCES TO COMBUSTIBLES (IN.)

WATTAGE RANGE	MOUNTING ANGLE	SIDE		END	TOP	BELOW
		FRONT	BEHIND <sup>1</sup>			
1,500	0°	24"	24"	24"	6"	40"
	45°	40"	24"	24"	10"	40"
2,500	0°	24"	24"	24"	6"	46"
	45°	46"	24"	24"	10"	46"

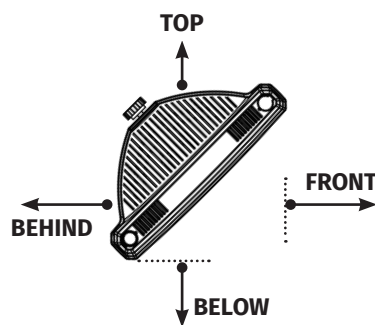
**NOTE:** Ensure that building materials with a low heat tolerance (i.e., awnings, fabrics, plastics, sprinklers, insulation, etc.) are protected against degradation. This may require the heater to be mounted at a distance in excess of the published clearances to combustibles. Contact the material manufacturer for specific details.



FRONT VIEW - 0° Mounting Angle



END VIEW 0° - Mounting Angle



END VIEW - 45° Mounting Angle

## OPTIONAL ACCESSORIES

QTY.	PART NO.	DESCRIPTION	NOTES

## WRITTEN SPECIFICATIONS

### DSS SERIES INFRARED HEATER PARAMETER/SPECIFICATIONS

- Medium-wave electric infrared heaters shall be furnished and installed in accordance with governing codes and as shown per drawing(s) provided. Medium wave electric heaters shall be **RE-VERBER-RAY DSS SERIES**, as manufactured by Detroit Radiant Products Company, Warren, MI 48089.
- Medium-wave infrared heaters shall be Designed Certified by CE and bear the CE Seal of Certification for the United States and Canada.
- The supplier shall provide manufacturer's published warranty covering all components utilized in the heater control assembly for a period of one (1) year.
- The supplier shall furnish the owner/contractor with \_\_\_\_\_ copies of the engineering specification form, showing physical dimensions, installation detail, recommendations, wiring diagrams, and spare parts list.
- An Installation, Operation, Maintenance and Parts Manual (IOPM) shall be supplied with each heater.
- The manufacturer shall have a minimum of 50 years of manufacturing experience producing infrared heaters.
- Medium-wave infrared heaters must be CE Listed to operate at the designated rating of \_\_\_\_\_kW/h.
- Medium-wave infrared space heaters shall be supplied and installed in accordance with the manufacturers certified installation instructions and governing codes, as shown per building drawing(s) \_\_\_\_\_. Heaters shall be DSS Series, model numbers, input ranges in Watts.

### DSS SERIES INFRARED HEATER CONTROLS

- Field supply applicable controls.
- Heaters shall operate in given voltages:

<u>Volt</u>	<u>Phase</u>	<u>Hertz</u>
120V	1ph	50/60
230V	1ph	50/60

- Heaters shall operate in given wattage inputs of 1,500 to 2,500.

### DSS SERIES INFRARED HEATER CONSTRUCTION

- The heater housing shall be constructed of black-colored plastic.
- The emitter tubing shall be carbon.
- Factory supplied mounting brackets shall accommodate for ceiling mounting.