REZNOR®

Revision: RIEH-TSL (03-26) REV-0

Supersedes: — (Original Version)

TECHNICAL SPECIFICATIONS FOR MODEL RIEH

OUTDOOR RESIDENTIAL AND INDOOR/OUTDOOR COMMERCIAL/INDUSTRIAL ELECTRIC RADIANT INFRARED PATIO HEATER

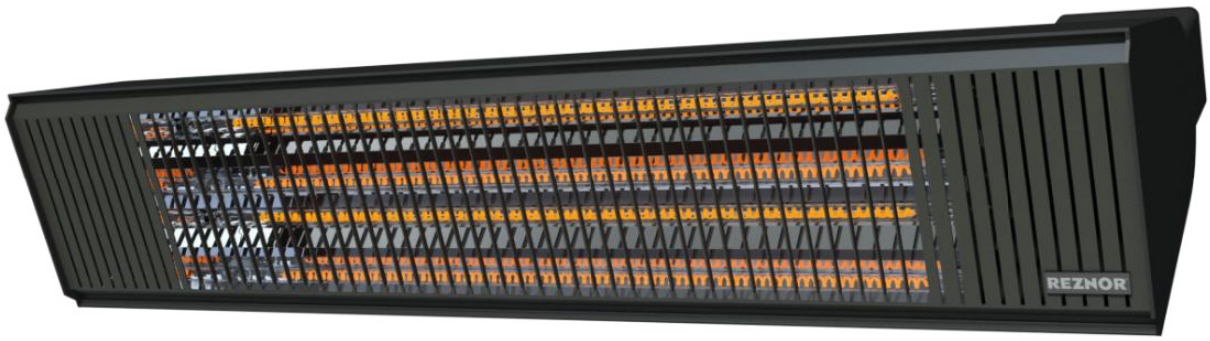


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In keeping with our policy of continuous product improvement, we reserve the right to alter, at any time, the design, construction, dimensions, weights, etc., of equipment information shown here.

TECHNICAL SPECIFICATIONS—CONTINUED

Unit Sizes

These heaters are available in three unit sizes based on heating capacity of 1,500–6,000 watts.

Features

- Voltage options: 120V, 208V, 240V-208V, 277V
- Black cabinet and grille
- Carbon emitter lamp is packaged separately for field-installation
- Ceiling- and wall-mounting hardware provided
- Field-adjustable from 240V to 208V electrical power to reduce amperage demand and operating expense
- Available with no control or two- or six-stage remote control
- Model RIEHGLASS30240B features glass grille

Model Designations

Model Designation	Voltage	Wattage	Control	Cabinet
RIEH15120B	120V	1500W	Remote control	Black cabinet
RIEH30240B	240V-208V	3000W-2250W		
RIEH60240B		6000W-4500W		
RIEH60277BNC	277V	6000W	None	
RIEHGLASS30240B	240V-208V	3000W-2250W	Remote control	Black cabinet with glass grille

Technical Data

Parameter	Unit of Measure	Unit Size (W)			
		1500	3000		
		Voltage			
		120V	240V-208V	277V	240V-208V
Heating capacity	watt	1500	3000	6000	6000
			2250*		4500*
	BTUh	5200	10,300	20,500	20,500
			7700*		15,400*
Full Load Amps (FLA)	amp	12.5	12.5	21.6	25.0
			10.8*		21.6*
Coverage (approximate)	feet^2	90	100–120	200–250	
Minimum mounting height	inches (mm)	79 (2007)	96 (2439)		
*Derated capacity.					

Certification

This unit is listed by Intertek for use in the US (UL 2021) and Canada (CSA 22.2, No. 46).

Installation Codes

⚠ CAUTION ⚠

All electrical wiring and connections, including electrical grounding MUST BE made in accordance with the *National Electric Code* (ANSI/NFPA No. 70, latest edition) or, in Canada, the *Canadian Electric Code* (Part 1, CSA C.22.1). In addition, the installer should be aware of any local ordinances that might apply.

These units must be installed in accordance with local building codes. Local authorities having jurisdiction should be consulted before installation is made to verify local codes and installation procedure requirements.

Heater Location

⚠ DANGER ⚠

The unit is not to be installed or used in an area containing hazardous or flammable materials including but not limited to rags, fabrics, spray or aerosol cans, cleaning compounds, plastic containers, paper products, organic dusts, straw/hay, gasoline, kerosene, lighter fluid, etc.

⚠ WARNING ⚠

If touched, the internal surfaces that are accessible from outside the unit will cause burns. Suspend the unit a minimum of 79 inches (2,007 mm) for unit size 1500 or 96 inches (2,430 mm) for unit sizes 3000 and 6000 above the floor.

⚠ CAUTION ⚠

The unit must be level. Not installing the unit on the level will void the warranty.

The unit may be ceiling- or wall-mounted. Wall-mounted units may be angled from 20- to 70-degrees.

TECHNICAL SPECIFICATIONS—CONTINUED

Clearances

⚠ DANGER ⚠

Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, curtains, etc. at least 6 feet (1.8 meters) from the front of the unit and keep them away from the sides and rear.

NOTE: Units mounted end-to-end must be mounted 3 feet (0.9 meter) apart.

The unit must be located so that the clearances are provided for with regards to inspection and service and for proper spacing from combustible construction. Clearance to combustibles is defined as the minimum distance from the unit to a surface or object for which it is necessary to ensure that a surface temperature of 117°F (65°C) above the surrounding ambient temperature is not exceeded.

Unit Surface	Unit Size (Watt)		
	1500	3000	6000
	Minimum Clearance (Inches (mm))		
Top	12 (305)	12 (305)	12 (305)
End (left and right)	18 (458)	18 (458)	18 (458)
		20 (508)*	
Back (ceiling-mounted units)	24 (610)	24 (610)	24 (610)
		20 (508)*	
Bottom (US)	79 (2007)	79 (2007)	96 (2439)
Bottom (Canada)		96 (2439)	
*For units with glass grille only.			

Dimensions

Unit Size (Watt)		
1500	3000	6000
Length × Width (Inches (mm))		
27 × 6-1/2 (686 × 166)	39 × 6-1/2 (991 × 166)	42 × 9 (1067 × 229)

Weights

Unit Size (Watt)		
1500	3000	6000
Pounds (kg)		
10 (4.5)	14 (6.4)	40 (18.2)

NOTES

⚠ WARNING ⚠

- **This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**
- **Children should be supervised to ensure that they do not play with the appliance.**
- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**
- **Do not remove safety labels. If they are unreadable, contact an authorized distributor for replacement labels.**

For more information on Reznor HVAC products:

- **Contact your local Reznor representative at 1-800-695-1901**
- **Refer to the manuals and additional consumer materials found at www.reznorhvac.com**

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