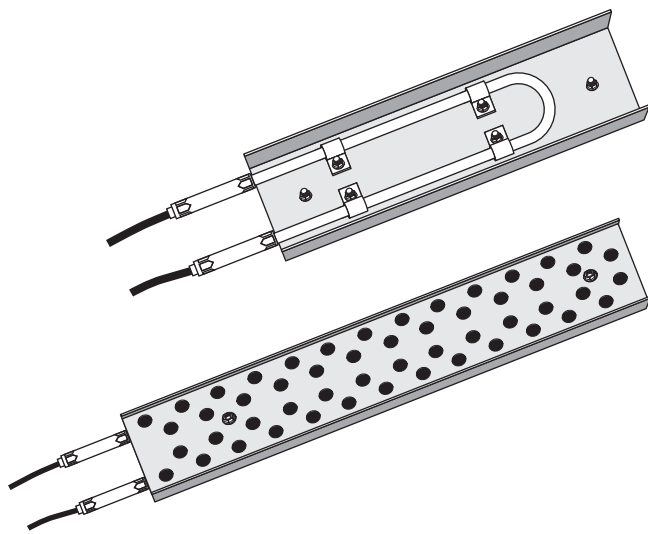


## Switch ROD (PAN/CRIB) Heater

### PRODUCT OVERVIEW



nVent RAYCHEM Switch Rod Heaters (RHSR) - also known as Pan or Crib Heaters - offer a service-proven solution for track switch rod snow melting and de-icing. With their unique construction and automated control systems, the Switch Rod Heaters result in an energy efficient, reliable and safe solution as compared to other technologies.

Switch Rod Heaters include a constant wattage heating element installed using engineered retaining hardware which results in efficient snow and ice melting and complete movement of machine and gauge rods. Reduced heater operating temperatures increase longevity and minimize the possibility of track fires caused by switch heating equipment.

The heater assembly comes pre-terminated with cold leads attached for easy field connections. The installation is quick and does not require loosening or removal of any existing switch hardware. nVent offers a standard 3 year warranty for its Switch Rod Heater assemblies. Monel sheathed heater elements are offered for high corrosion applications.

### SPECIFICATIONS (NOMINAL)

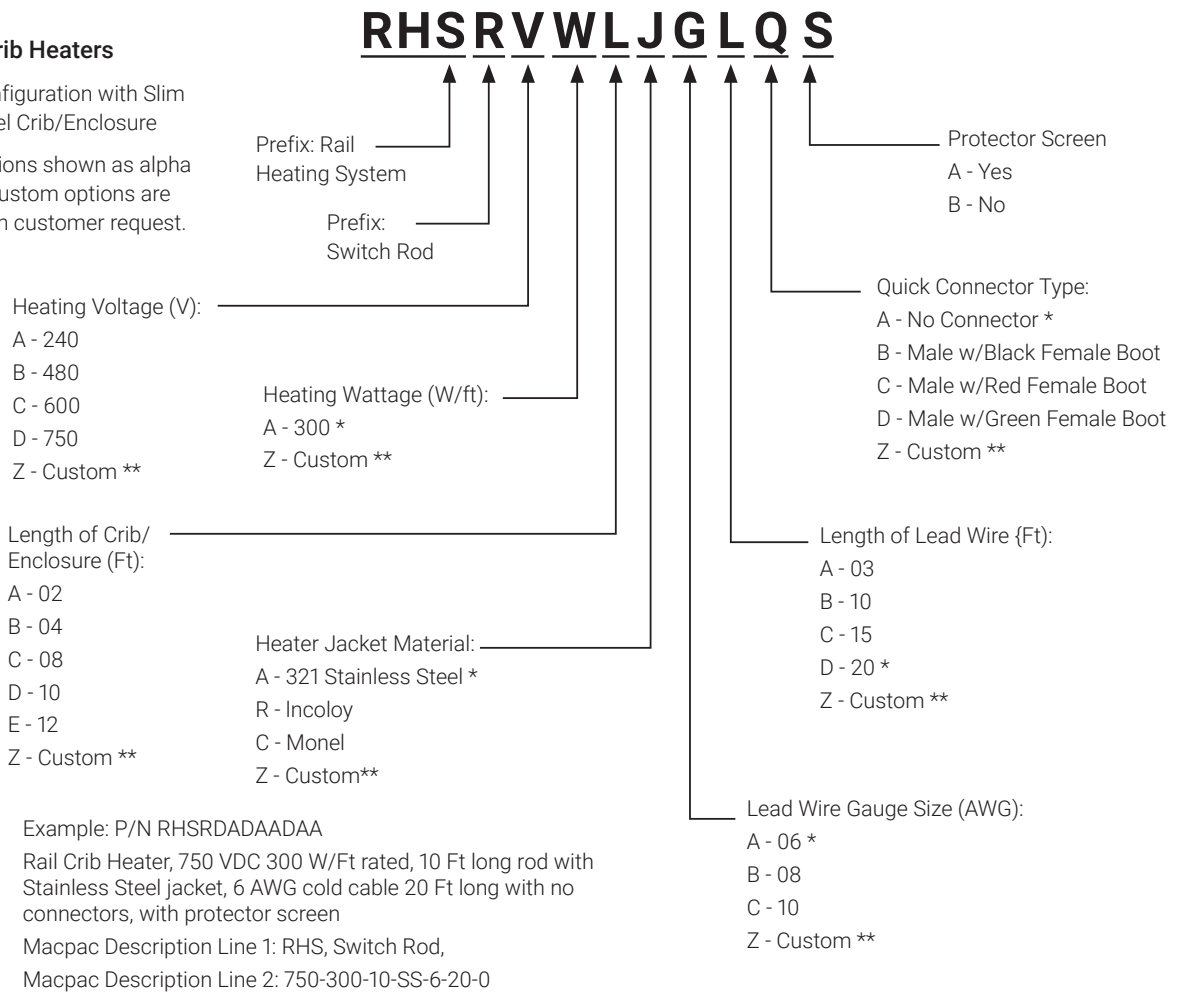
|                                  |              |
|----------------------------------|--------------|
| Power Output                     | 100-300 W/ft |
| Voltage                          | 240-750V     |
| Minimum Installation Temperature | 0°F (-18°C)  |
| Maximum Crib/Enclosure Length    | 12 ft        |
| Crib/Enclosure Width             | 5 inches     |
| Crib/Enclosure Thickness         | 1 ¾ inch     |

## HEATING CABLE CATALOG NUMBER AND ORDERING INFORMATION

To order a Switch Rod Heater assembly, it is important to understand the format of our catalog number.

### Switch Rod/Crib Heaters

- \* Standard Configuration with Slim Stainless Steel Crib/Enclosure
- \*\* Common options shown as alpha characters. Custom options are available upon customer request.



## BENEFITS OF RHSR SYSTEM

- Installation is quick and does not require loosening or removal of the braces
- Resists shock and vibration
- Efficient heat transfer
- Ideal for standard or high moisture/corrosive environments
- Quick and easy connections and disconnections
- Many combinations of power output, voltages, and lengths
- Reduced track fires due to lower operating temperature
- Integrated control system equipped with multiple sensor inputs, solid-state or electromechanical design
- Standard heater kits with all accessories available for the standard switch sizes

## APPROVALS

nVent RAYCHEM Switch Rod Heaters meet the requirements of the U.S. National Electrical Code and the Canadian Electrical Code. The Switch Rod Heaters are typically offered as a part of an integrated system with optimized energy efficient design for each rail type and operating conditions. The system includes heater terminations, clips and attachment methods, fuse boxes and telemetry and controls. For additional information contact your nVent RAYCHEM representative or call (800) 545-6258.

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