

Let Northwest Rail Electric help you with all your passenger railcar systems needs. Starting with power generating, hotel services, power distributing and power management, our extensive experience in passenger car systems can solve the most difficult problems. Allow us to show you how you can accomplish more with less generating and distribution capacity, saving fuel and capital.

We also excel at heating, ventilation and air conditioning systems: HVAC control systems to keep your passengers comfortable from Alaska and Canada in the winter to Arizona and Florida in the summer. In addition to temperature comfort our systems can also maintain humidity to keep your dome windows clear and provide further comfort for your passengers.

Our automation systems allow automatic transfer and control of critical systems when part of the power system shuts down.

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Northwest Rail Electric Solid Element Heaters For Passenger Car Electric Heat

Up to 24 kW of heat in standard packages, and up to 36 kW of heat in custom packages, using long-life solid heating elements.



OVERHEAD HEATERS:

Standard model frame styles designed to be “drop-in” replacements for most existing steam coil installations, including the Frigidaire F-5 coil.

Overhead heaters may be configured to operate on 240 volts or 480 volts.

Standard heater models come with ring terminals for connection to car wiring.

High Limit switches for controlling blowers and circuit breaker shunt trip safety are built in.

Heating element rods for overhead heaters are 27 inches long, allowing for use in almost all overhead heat applications.

All standard and most custom heater frames made from stainless steel. Never again worry about corrosion of heater frame parts.

BASEBOARD HEATERS:

Baseboard heaters are available in 4 foot and 8 foot lengths.

Low Profile, low watt density, 208 volt baseboard heating elements prevent overheating and maximize passenger comfort and safety.

In most cases can be used as a replacement for existing steam baseboard heat systems.

