Key features:
- 72 VDC
- Does not require an inverter
- Reduces power surges
- Split-system components can fit any cab
- Can be installed in new-build or existing locomotives

Complete system includes:
- Evaporator
- Compressor with brushless motor
- Condenser

The Orange AC integrates itself seamlessly into existing cabin interiors, without looking like a retrofit.

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### Specifications & Features:

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Evaporator (Wt 46 lbs)</strong></td>
<td>Achieving a cooling capacity of 30,000 BTU and with individual adjustable airflow louvers</td>
</tr>
<tr>
<td><strong>Refrigerant System</strong></td>
<td>Non Ozone depleting refrigerant, type R134a</td>
</tr>
<tr>
<td><strong>72 VDC Power</strong></td>
<td>Directly from the locomotives electrical systems battery bank and/or Auxiliary Generator (Operating Voltage 68 VDC to 90 VDC)</td>
</tr>
<tr>
<td><strong>Condenser/Compressor Weights</strong></td>
<td>52 lbs Condenser, 125 lbs Compressor</td>
</tr>
</tbody>
</table>

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**No Inverter Required**

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Keep your cab cool with our reliable split system

Get the Orange
Why VRF?
VRF (Variable Refrigerant Flow) technology works like the accelerator in a car, by matching the Out-Put to the Load. The compressor starts up smoothly and ramps up until it meets the demand. When the Thermostat is satisfied, it ramps down slowly for compressor cooling.

Modular Design
Our design offers a unique Modular Design for easy operations during the Maintenance or Replacement of a component. Each component is heavy duty construction offering easier installation and lower labor cost to the installer.

Installation #1:
Roof Mount – No Cutout
Our Compact Modular design can be easily mounted anywhere on the locomotive. The Roof Mount is most common and achieves a low clearance of only 10.5 inches to accommodate tunnel clearances or low bay doors.

Air Conditioner Reference Dimensions