

## 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:

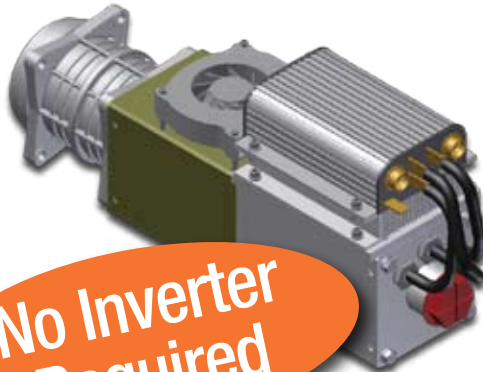
- Evaporator
- Compressor with brushless motor
- Condenser

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

# The ORANGE – Locomotive - System

## Specifications & Features:

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



No Inverter Required

## Complete System includes:

- Evaporator
- Compressor with 72 VDC Brushless Motor, Fan Cooled
- Condenser



# Keep your cab cool with our reliable split system

# Get the Orange



# The ORANGE – Locomotive A/C System

## 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.

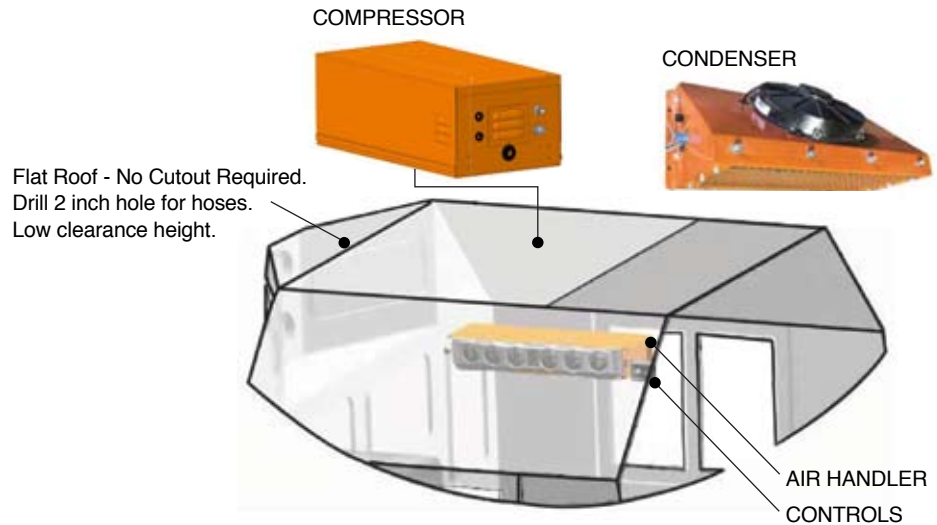
## Modular Design

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.

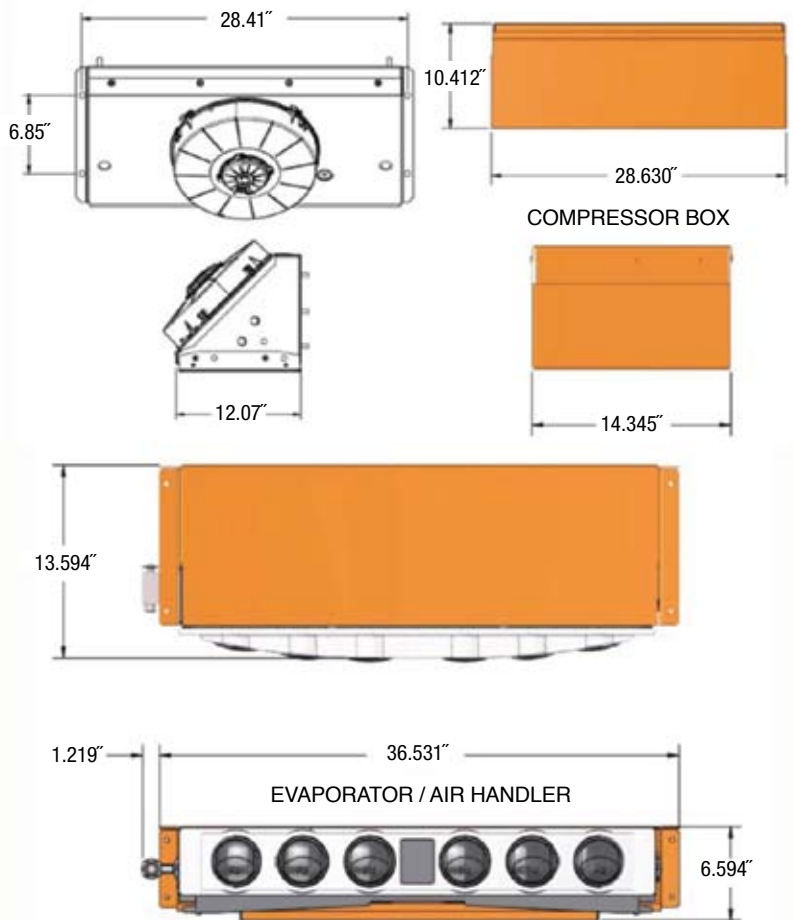
## Installation #1: Roof Mount – No Cutout

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.

## Compact, dependable, affordable.



## Air Conditioner Reference Dimensions



**INPS**  
ENVIRONMENTAL  
PRODUCTS

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