



ROBERTS GORDON[®]

25-Year Limited Warranty
on Cast-iron Combustion Chamber



CoRayVac[®]

C L A S S I C S F

**Heavy Duty, High Efficiency Infrared Heating
For Specialty Fuel Vehicle Repair Facilities**

800.828.7450

www.corayvac.com

CORAYVAC® CLASSIC SF Helps Provide Efficient Heat While Maintaining Required Tube Temperatures*

For many decades, CORAYVAC® gas-fired, low-intensity infrared heating systems have efficiently and effectively heated a variety of applications from vehicle repair shops to airplane hangars to manufacturing facilities to warehouses – just to name a few. With its burners-in-series design, CORAYVAC® systems help provide custom comfort, while reducing energy consumption up to 50% and more!

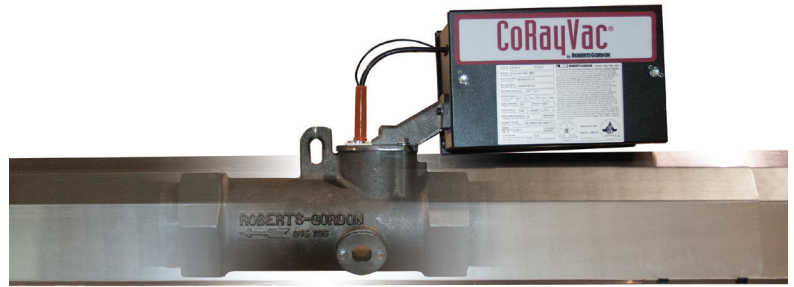
The CORAYVAC® CLASSIC SF infrared heating system is a heavy duty version of CORAYVAC® designed for facilities where specialty fueled vehicles are repaired. According to the National Fire Protection Association (NFPA) 30A 7.6.6, exposed surfaces of heating equipment cannot exceed temperatures of 750 °F (399 °C) in facilities where compressed natural gas (CNG) or liquid natural gas (LNG) are present.

A number of features enable CORAYVAC® CLASSIC SF to achieve and maintain lower tube temperatures in accordance with NFPA, without sacrificing efficiency or comfort:

- **Lower input burners** – systems designed in-series with 40,000, 60,000 or 80,000 Btu/h input burners to create even temperatures and heat patterns.
- **Zero regulator in burner** – creates proper gas to air ratio for optimum combustion and tube temperatures.
- **Sealed construction** – tubing is screwed together for tight fit to help eliminate leakage and sustain tube temperatures.
- **Pre- and double filtered combustion air** – clean combustion air helps ensure proper combustion, efficiency and tube temperatures. Easy-to-access pre-filters offer added benefit of reduced maintenance time and cost.
- **Outside air adapter** –helps provide fresh air for combustion.

Additional features that can be ideal for specialty fuel vehicle repair buildings:

- **Cast iron combustion chambers and schedule 40 steel radiant tubes** – can provide durability and longevity to maintain system integrity.
- **High mounting height** – can be suspended up to 60' (18 m) or more above the finished floor to clear gantry cranes, high rising equipment or other machinery. Equipment must be installed 18" (45.72 cm) or lower below finished ceiling.
- **In-series burner design** – helps minimize flue penetrations and provide uniform comfort with custom configurations and multiple zoning options.

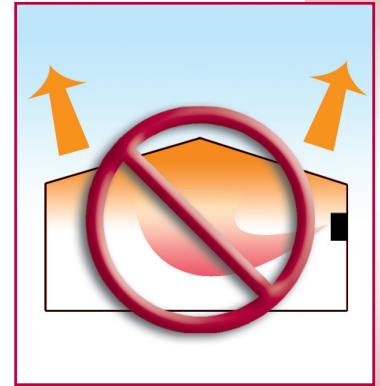
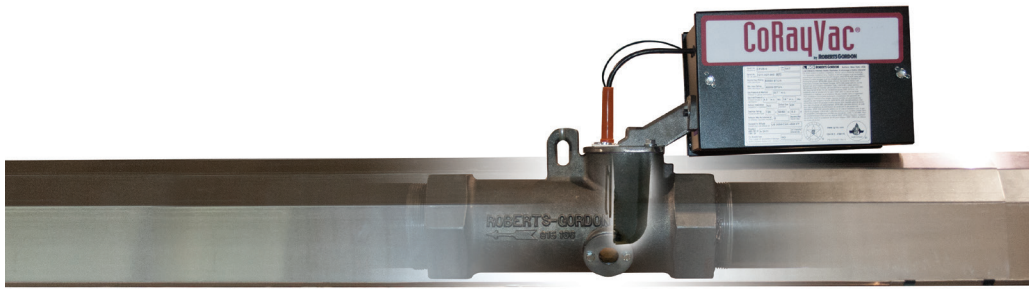


With heavy-duty components and extensive features, the CORAYVAC® CLASSIC SF can also be ideal for facilities where liquid propane (LP) is present.



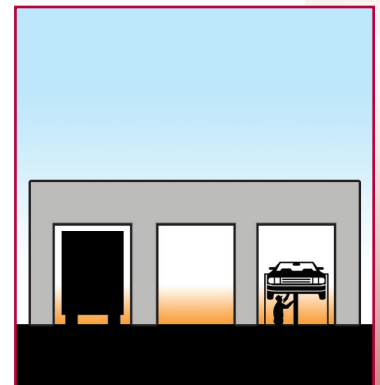
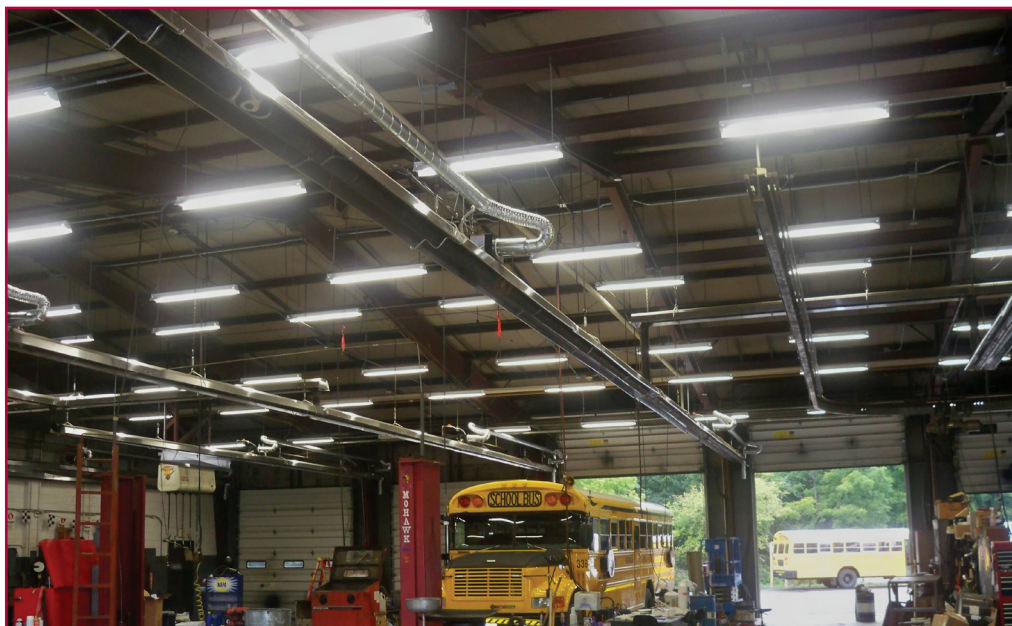
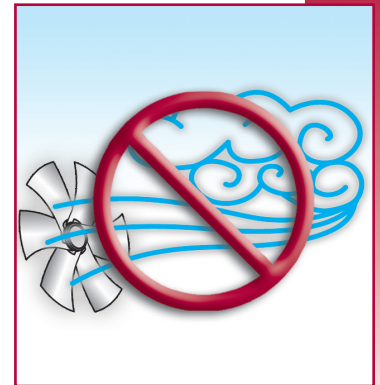
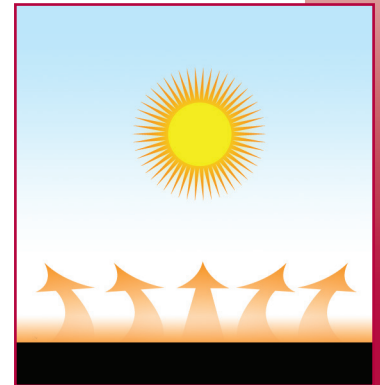
* Approved and certified by CSA to meet maximum tube temperature of 750 °F (399 °C) in accordance with NFPA 30A 7.6.6.

Long-Lasting, Proven Technology for Specialty Fuel Vehicle Repair Buildings



The CORAYVAC® CLASSIC SF has years of field proven technology with many successful specialty fuel vehicle repair installations throughout the U.S. In addition to durability and longevity, the CORAYVAC® CLASSIC SF infrared heating system has the same benefits of CORAYVAC®, such as:

- **Reduced building heat loss** – CORAYVAC® does not heat air; it reflects and directs infrared energy toward the floor. Floors, people and equipment below CORAYVAC® absorb and store heat, then re-radiate heat and warm the air.
- **Less heat stratification** – Because CORAYVAC® does not heat air, air temperatures are lower at the ceiling, helping reduce heat loss through the roof.
- **Floors become reservoirs** – Floors and objects become massive secondary heat exchangers, acting like heat reservoirs storing and releasing heat in the space.
- **Free energy recovery** – Energy stored in floors and objects is re-used for faster energy recovery, without burning more fuel.
- **Greater comfort at lower temperatures** – Heat retained in objects helps warm the space without adjusting the thermostat.
- **Clean, quiet, draft-free heat** - CORAYVAC® does not blow air; it gently warms the space.
- **High efficiency condensing system** – Lower exhaust temperatures add more heat in the space and less wasted through the exhaust.





Thank You for Your Business!

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Installation Code and Annual Inspections:

All installation and service of ROBERTS GORDON® equipment must be performed by a contractor qualified in the installation and service of equipment sold and supplied by Roberts-Gordon LLC and conform to all requirements set forth in the ROBERTS GORDON® manuals and all applicable governmental authorities pertaining to the installation, service, operation and labeling of the equipment. To help facilitate optimum performance and safety, Roberts-Gordon LLC recommends that a qualified contractor conduct, at a minimum, annual inspections of your ROBERTS GORDON® equipment and perform service where necessary, using only replacement parts sold and supplied by Roberts-Gordon LLC.

Further Information: Applications, engineering and detailed guidance on systems design, installation and equipment performance is available through ROBERTS GORDON® representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

These products (with the exception of the CGTH and UHA[X]IS130 - 75) are not for residential use.

This document is intended to assist licensed professionals in the exercise of their professional judgment.

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