



DETROIT
RADIANT
PRODUCTS
COMPANY

SERVICE BY FIRESTONE RADIANT HEAT BY RE-VERBER-RAY



Reduce Heating Costs While Providing Employee Comfort In Vehicle Service Areas

Firestone Tire & Rubber Company has auto service centers located throughout the United States in every kind of climate. Keeping employees warm and fuel costs down during cooler months has always been a problem when using conventional forced air heating systems.

In the early 1980's, the professionals of Detroit Radiant Products made contact with the new construction department of Firestone Tire & Rubber. They were sold on **RE-VERBER-RAY** gas fired infrared heaters and specified them for all new construction.

Firestone's engineering department together with Detroit Radiant's sales and engineering force designed an efficient radiant heating system. This system is able to meet the specific heating requirements of each type of Firestone facility while keeping operating costs at a minimum.



RE-VERBER-RAY'S unique features and design helped overcome typical problems found in vehicle service areas at Firestone service centers. The obstacles that needed to be overcome included cold equipment, chilled employees, rapid air changes, damp floors, space restrictions, and separate heating zones.

Cold Equipment

Because infra-red heats the objects rather than empty space, expensive tools and equipment are kept warm and at operating temperatures for optimal performance. They then re-radiate their warmth to the objects around them.

Employee Comfort

Conventional warm air unit heaters cause heat stratification with hot air rising to the roof, leaving floors cold and damp. When doors are open, much of this heat goes out the door. After the doors are closed, it takes a long time to reheat the air in the building to an acceptable comfort level. With any active service area, air changes are the most common problem. By locating infra-red heaters in the active work areas, employees are bathed directly by infra-red energy.

With **RE-VERBER-RAY** on the job, floors and equipment become reservoirs of heat. When opened doors are closed, the heat stored in the floors and equipment help to provide fast heat recovery.

Space Requirement

Newer construction calls for a lower profile building and cost effective energy saving construction. Our low intensity radiant tube heaters are ideal for this type of application. Service equipment, fixtures, and lifts tend to limit design options for placement of radiant tube heaters. Flexibility in the design of **RE-VERBER-RAY'S** equipment allows for the adjustment of reflectors to direct radiant energy to the work area. The tube heaters are suspended from the ceiling, thereby allowing full utilization of critical floor space.



Heating Zones

With **RE-VERBER-RAY'S** modular design, zone heating is achieved by creating an invisible boundary between active and non-active areas, resulting in additional fuel savings. Night set back thermostats result in additional fuel savings by automatically reducing the setting of the thermostat at a desired time. In today's modern facilities you've got to have the ability to precisely control the environment efficiently and effectively. **RE-VERBER-RAY** allows you to do just that.

Features

RE-VERBER-RAY'S gas fired infra-red tube heaters are A.G.A. Design Certified as a vented or unvented heater. DTH/S series heaters offer a 5-year limited tube warranty. Heat exchanger is coated with a high temperature corrosion resistant black paint, to maximize efficiency. Our heater designs allow for reflector adjustment.

RE-VERBER-RAY new or retrofit. Let us design a system for you.

RE-VERBER-RAY WILL SHOW YOU THE WAY!!

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