

Schwank Case Study

Heating up Christian Brothers Automotive
with premierSchwank



Christian Brothers
AUTOMOTIVE

Christian Brothers Locations with Schwank Heaters:

Arapahoe Road
14755 E. Arapahoe Rd
Aurora, CO 80016

Parker
9864 Mangano Ln
Parker, CO 80134



About The Facility

Christian Brothers Automotive Corporation began in 1982 and prides itself on providing knowledgeable, honest, and genuine car repairs.

Today the company includes over 160 auto repair locations nationwide in 22 states. Their facilities include an average of 9 service bays with cars constantly moving in and out of the service bays for repairs.

The Issue

Christian Brothers Automotive originally used unit heaters to heat their service garages. Since heat was only needed in specific areas the unit heaters wasted a lot of heat by unnecessarily heating the entire garage.

Every time the service bay doors would open, warm air escaped from the repair facilities and the unit heaters were unable to keep the auto technicians comfortable. In order to compensate for this, the unit heaters would need to operate for a longer time period requiring more energy, therefore, increasing costs.

Schwank
INNOVATIVE HEATING SOLUTIONS



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Products used to heat Christian Brothers Automotive



premierSchwank



Implementation

Four premierSchwank radiant tube heaters were installed to provide better comfort and a more efficient heating solution. Schwank radiant tube heaters use energy waves to heat people and objects rather than heating the surrounding air. The tube heaters were strategically placed and angled to provide radiant heating directly over the hood of the automobiles where auto technicians worked the majority of the time. These heaters feature a thermostat that automatically cycles the heaters on and off as needed in order to meet a desired comfort level.

Results

With the installation of the Schwank heaters the company's auto technicians are more comfortable as they work throughout their shifts. More comfortable employees results in happier employees that can work more comfortably and complete quality repairs. Additionally, the Schwank heaters use approximately 40% less fuel than unit heaters. Ramp up times of the heating system have decreased and when the service bay doors open, the radiant heat is not lost through the door openings. Christian Brothers utilizes Schwank heating systems in all of their winter climate locations throughout the United States.

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