

# Understanding Infrared heaters

## About the technology

### Infrared heaters vs. other heaters

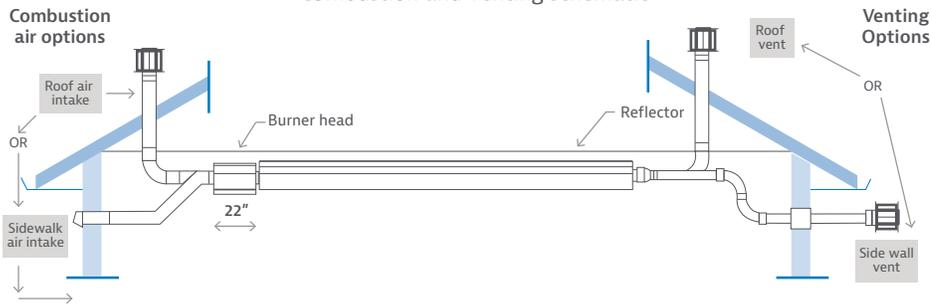
An infrared heater utilizes radiant heat to warm objects in a room. Instead of heating a volume of air in a space like most heaters, infrared heaters provide efficient, instant heat with low energy costs.

### Three reasons to use infrared heaters

1. Infrared heaters heat the floor, which in turn provides a warm, even heat 5 feet above the ground. There is no air stratification as there is with unit heaters, and you can set the thermostat at a lower temperature to save energy.
2. The maintenance for infrared heaters is extremely minimal.
3. When replacing unit heaters with infrared heaters, the system can be sized to 80 percent of the capacity of the existing system, saving on first costs.

### How do infrared heaters work?

Combustion and venting schematic



### Why infrared heaters?



**Immediate savings**  
Save 30–50 percent on energy costs<sup>1</sup>



**Hassle-free operation**  
Minimal maintenance and quiet operation



**Better for the environment**  
Reduces carbon emissions and improves air quality<sup>2</sup>

<sup>1</sup> ASHRAE Journal  
<sup>2</sup> U.S. LEED Infrared Gas Heaters Whitepaper

Clean and maintain  
the infrared heater  
to keep dust  
and debris from  
accumulating.

### How to participate in energySMART

Receiving energy-efficient equipment rebates through energySMART is easy. Follow these three steps to apply:

1. **Verify your eligibility**
  - You must be a Nicor Gas commercial customer to participate.
2. **Select and install a qualifying product**
  - Install qualifying high-efficiency equipment between January 1, 2019 and December 31, 2019.
3. **Apply for your rebate**
  - Apply within 90 days of installation or by January 31, 2020, whichever comes first to receive your rebate.
  - Download a paper application or apply online by visiting [nicorgasrebates.com/apply](http://nicorgasrebates.com/apply). Once your application is approved, you will receive your rebate check in approximately six to eight weeks.
  - You can also work with one of our Contractor Circle members who can offer an instant discount on your invoice instead of applying for a rebate. Visit [nicorgasrebates.com/findacontractor](http://nicorgasrebates.com/findacontractor)



### Rebate eligibility requirements

- Only low-intensity heaters are eligible.
- Heaters must have an electric ignition and must use non-conditioned air for combustion.
- Heaters must be designated for indoor uses only.
- New construction is not eligible.

Additional requirements apply. View full requirements on the space and water heating equipment application, which you can download at [nicorgasrebates.com/apply](http://nicorgasrebates.com/apply).

Visit [nicorgasrebates.com](http://nicorgasrebates.com) or call  
**877.886.4239** to learn more.