

5.5 Technical Specification: Direct-fired Radiant Heating in High Volume Spaces

Small Premium Project Type:

Infrared (direct fired radiant heating) installed as space heating or spot heating for high volume spaces and high air leakage spaces.

Description:

Qualifying direct-fired radiant heaters must be a low-intensity infrared heaters and the proposed units must replace existing unit heaters.

Minimum Operation:

All eligible installed systems must operate a minimum of 1,000 hours per year.

Equipment Type, Capacity and Performance:

To be eligible for a tax credit, the infrared heater must meet the following requirements.

1. Individual units installed must be between 50 Mbh and 200 Mbh in capacity.
2. Direct-fired radiant heaters must be installed in accordance with manufacturers specifications and conform to the requirements of Oregon's Building Code.
3. Ceiling height must be at least 16 feet (or higher if required by the manufacturer).
4. Equipment sizing must be documented including a building layout showing existing and proposed heating equipment.

Incentive Estimate Worksheet:

The incentive worksheet shown in the following table is the prescribed tax credit amount that small premium project scan receive for radiant heating. The tax credit amount is based on the capacity of the equipment installed.

A	B	C	D	E	F
Manufacturer	Model	Quantity	Capacity Mbh (input)	Incentive Rate \$/Mbh	Incentive Multiply C x D x E
				\$6.50	

Total from F _____