

SOLARLIKE POULTRY HEATING TECHNOLOGY

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What is Heat?



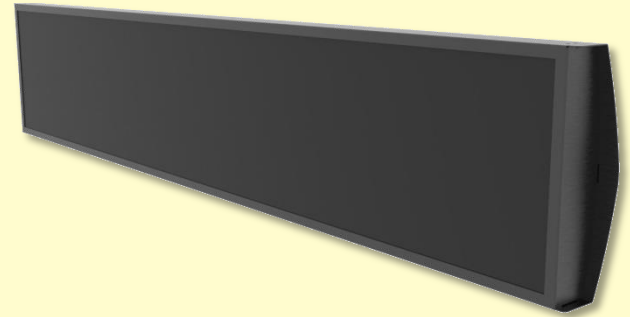
- Let us remind you again that the sun heats the Earth's surface from miles away but that it does not heat the air or the atmosphere.
- As it is known, the heat waves released by the sun to reach the Earth surface are the infrared waves, which enable a release of 750 to 1000 micrometers and move like a light.

- **Fareffect is a new generation heating technology, which outpaced all the traditional heating systems and revolutionized the field of heating. This new generation technology uses nanotechnology and turns 99.9 percent of the cleanest energy source electricity into heat.**
- **The brand Fareffect and its Heat Energy-Generating Technology (PCT) are both registered around the world.**
- **It is the only device offering the most comfortable and the least energy-consuming heating particularly when it comes to wide and outdoor places (Homogeneous & Energy Efficient).**



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100% Heating, 100% Efficient Production



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As you all know, heat is transmitted in three different ways:

- ❖ **Conduction**
- ❖ **Convection**
- ❖ **Radiation**

- **Conduction is the transmission of heat energy on an object.**
For instance, if you heat the end of a wire you will see that the other end is also heated.
- **Convection is the transportation of heat energy as a result of the contact between two different environments.**
- **Today, most of the heating systems (central heating, floor heating system, and air conditioning etc.) consist of convectional systems.**
- **Radiant is, on the other hand, the transfer of heat by radiation between certain wavelengths.**
- **The most popular and beautiful example for this is the sun.**

Radiation has the following features:

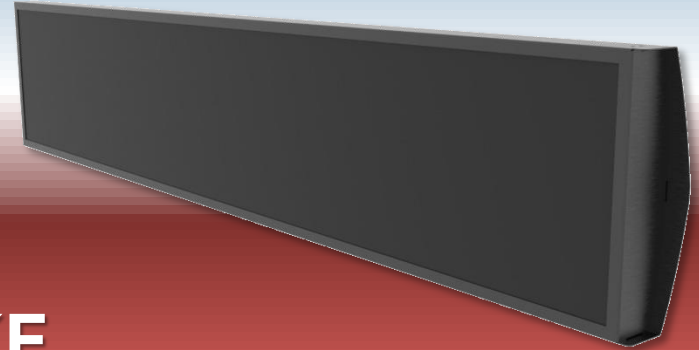
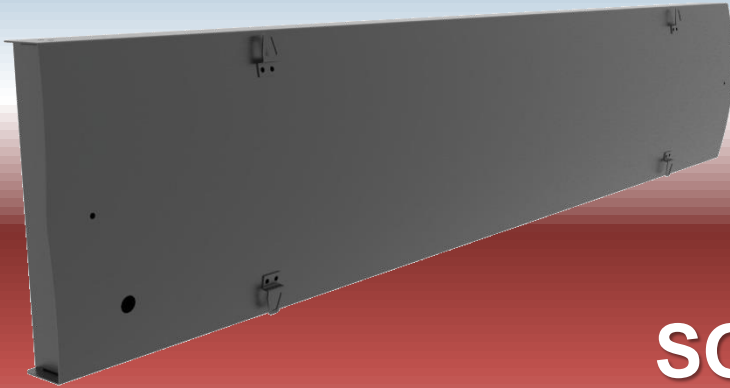
- ✗ Radiation travels in the same pace with the speed of light.
- ✗ Radiation is linear and can be reflected.
- ✗ Radiation does not heat the environment.

What makes radiation advantageous compared to other systems is that it does not heat the air as underlined in the third article above.

Ventilation Loss

- ✗ Ventilation does not affect the infrared heat mechanism. In addition, the air affects the convectional heating mechanism as mostly cold air is fed in. As the room temperature (heated air) is low, the additional heat necessary to make up for this ventilation loss is significantly lower in infrared heating compared to air heating.
- ✗ In practice, there is a difference between natural and forced ventilation.

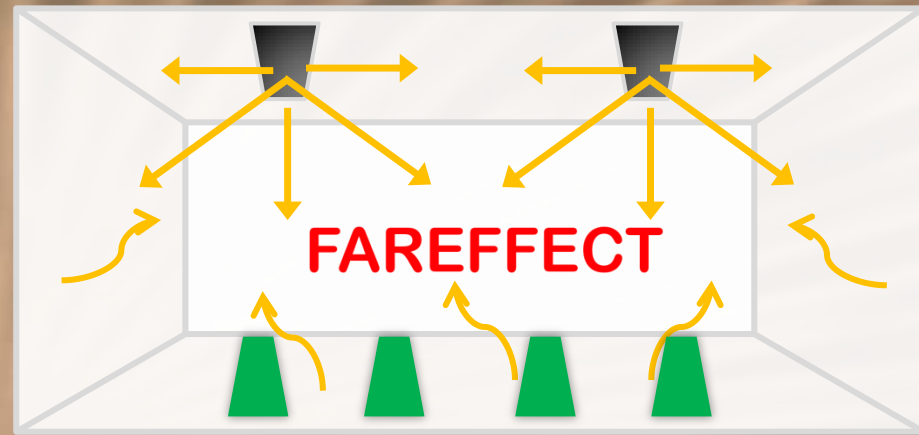
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**SOLARLIKE
FAR INFRARED GLASS PANEL HEATER
FRONT AND REAR VIEW**

COMPARISON BETWEEN SYSTEMS





CONVECTIONAL HEATING WITH CLASSIC HEATING SYSTEMS

An air flow occurs in the entire area due to the heat difference as a result of natural convection. Heat and moisture balance is different in all parts of the area due to constant circulation. Airborne dust particles, microbes, bacteria, and fecal ammonia gas penetrate into the lungs of animals and thus into their bodies.

FAREFFECT FAR INFRARED HEATING WITH ARDO HEATING SYSTEMS

Objects and living creatures are equally heated. The heated objects determinedly release the heat into the environment.

As a result, no air flow occurs.

Heat and moisture balance is not disturbed.

Airborne microbes and bacteria disappear.

No harmful gases such as ammonia and methane occur.



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- ❖ FAREFFECT, acts like the sun and heats from a 180 degree angle with long wavelengths. This very feature makes it the world's one and only heating system of its kind.
- ❖ This feature also ensures that no moisture, ammonia, harmful microorganisms, pathogens, and bacteria are generated in the environment.
- ❖ Another important feature is that it is energy efficient; it saves up to 80 percent energy compared to other heating systems.
- ❖ It pays for itself within 1 or 2 years depending on the number of devices to be used in the relevant area.



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- ❖ Due to chicken laying nests being wet and moist, the generation of microorganisms constantly threatening the health of chicken becomes unavoidable.
- ❖ Such microorganisms get in contact with the chicken and causes the entire herd to become ill.
- ❖ The herd should always be on antibiotics to get rid of diseases.
- ❖ However, Fareffect developed a technology that makes white meat production possible without the use of any antibiotics. With this very technology, you can obtain more meat.

Chicken Coop Heating Systems Other Than Fareffect Glass Panel Far Infrared Heater Cannot Homogeneously Heat The Coops As They Generally Work With A Convectional Technique Or Work From A 90 Degree Angle If Not Convectional.

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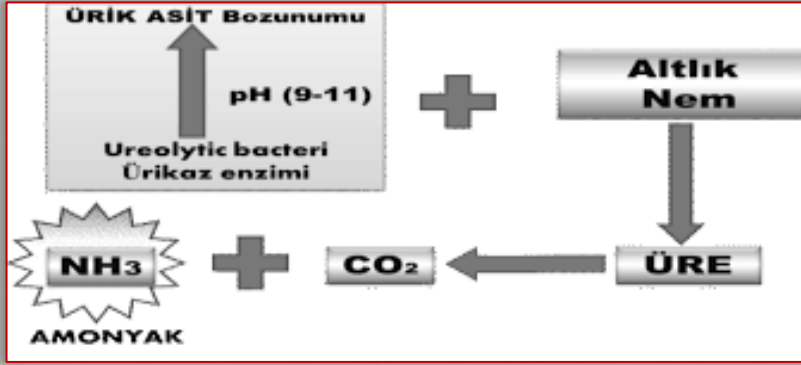
A photograph of a white chicken lying on its side on dark, muddy ground. The chicken's head is tucked down, and its legs appear weak or crooked. The background is a dark, textured surface of soil and some dry leaves. A semi-transparent text box is overlaid on the image.

“One of the first things you notice is how many birds are sick and dying. Many have crooked legs, and some can't even stand.”

Plus, the improper heating and drying system of these heaters causes damp in the environment and the main reason of this damp is the wetness caused when wood shavings placed in the laying nests get in contact with the moisture occurring due to the cold air from baffles, as well as with the liquid found in droppings. Another result of droppings is the intense amount of ammonia gas.

This causes animals to constantly become ill and die as a consequence of diseases.





- ☞ Death may not be the only consequence of moist environments, however, excessive moisture causes unitormality disorder among the herd. Plus, ammonia burn is also unavoidable in the meat of chicken lying on wet manure. This is among the main reasons decreasing the income, and sometimes this results with chicken not reaching the desired level of weight.
- ☞ If all of these problems occur in an entire season, producers will suffer from a significant loss of money.

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Formula: $4+1$ advance 1 step ahead of Fareffect>>



Which one do you want to be?



Thanks...

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