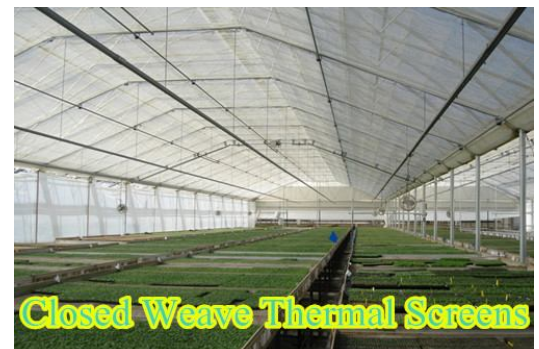


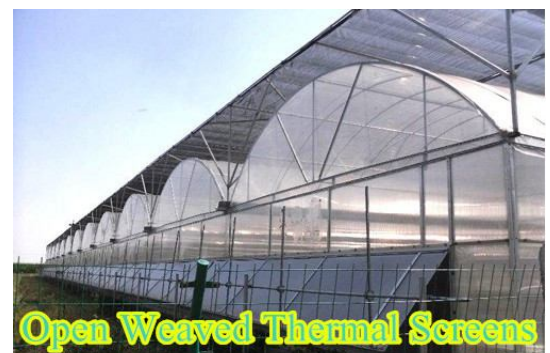
Thermal Screens Save on Costs, maximum plant growth.

Reduce cost and energy savings for your greenhouse: Thermal screens are by far one of the most effective energy and cost saving technologies for modern greenhouses. LY SCREEN brings the plants growth max. Thermal Shade Screens to all over the world. Our thermal screens open when light is limited and close when light is excessive. They also reduce heat loss, dew drop, heating costs, and help to maintain a more constant and comfortable greenhouse climate for your crop and your staff.



How do Thermal Screens Work?

1. Reflect light when it is excessive: CHINA is one of the hottest, driest countries in the world. While this is great in winter, summer heat is a big problem. High temperatures are caused by excessive light getting into the greenhouse. Our Thermal Screens are made of polished aluminum strips, which reflect light straight back out of the greenhouse.



2. Retract when light is limiting: On cloudy days or in the mornings and afternoons, light becomes limited and plant growth slows down. So LY SCREEN Thermal Screens retract automatically in order to maximum growth.

3. Reduce heat loss at night: The screens are automatically closed at dusk in order to trap as much heat as possible for the night. This means that heating costs are greatly reduced by 20 to 70%.

4. Reduce condensation on leaves and fruit: The screens keep the crop warmer, reducing the possibility of condensation forming and leading to fungal disease. LY SCREEN Thermal Screens are made from aluminum and polyester, which are excellent insulators. Aluminum reflects long wave radiation from the crop back down to the crop, and polyester absorbs long wave radiation and provides a warm 'blanket' above the crop, reducing radiation heat loss. With gas and energy prices still rising, can you afford not to save even 20%? By reducing the amount of energy you consume, you will also be doing your part to reduce global warming, too.

5. Increase production & quality, decrease costs, increase profit! With a lifespan of 5 to 8 years, LY SCREEN Thermal Screens give you a phenomenal return on investment.

How to choose the right type of Thermal Screen:

1. If you want maximum cooling for your crop, choose the Open Weave Thermal Screens.

Most greenhouses these days are designed with good natural roof ventilation. If you are growing in a hot summer environment (most of CHINA), you need Open Weave Screens. these screens have gaps between the aluminum strips that allow warm air to rise through them, while they also reflect unwanted light back out of the greenhouse. These screens still give significant energy savings of up to 30%.

2. If you want maximum energy savings as well as shade, choose the Closed Weave Thermal Screens.

If you are growing in a cooler climate and have high heating costs or if you need to modify the day length, you need Closed Weave Screens, these screens have a clear plastic strip between the aluminum strips that

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helps trap heat, while the aluminum strips reflect unwanted light back out of the greenhouse. These screens give very high energy savings of up to 70%.

3.Blackout screens are used to shorten or lengthen the day for flowers like Chrysanthemum and other crops.

LY SCREEN is the earliest Thermal Screen factory in China

With LY SCREEN, you will get the best quality Thermal Screens. Regarding Installation, We are suggesting that almost all screen fixing parts are stainless steel or aluminum—not plastic, ensuring the systems last longer...

Contact us:

Thermal screen/Shading net for green house(Overseas Sales Department)

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