

Energy Shield

Curtain Systems by:



Energy Curtain in a Solar Light with Roof Vent

**Light Control – Energy Savings –
Inside – Outside - Blackout**



Agra Tech Energy Curtain Systems

Designed and manufactured by Agra Tech to be an integral part of our structures, to provide easy installation, quality operation, and dependable service.

The features built into our curtain systems improve growing environments, increase energy savings, enhance space utilization, and assure reliable performance.



Closed Energy Shield in Continental 36

Slope – Flat – Slope is the shape of the curtain below the roof line.

- A Drier growing environment is maintained because a large air mass is held below the curtain allowing excellent air circulation.

- Morning crop shock is minimized because there is less cold ceiling air above the curtain to drop on the crops when the curtain opens.

Push – Pull the drive mechanics of the system. It is a high strength, low friction, rigid system requiring little maintenance. The curtain is pushed and pulled to open and close. Continuous 1" pipes run from end to end of the greenhouse connecting the entire system together.

They are driven by steel racks and pinions.

They bolt to drive and leading edge, offer low friction and no stretching.

The complete system moves in unions.

Truss – to – Truss the movement of the curtain.

It opens and closes from truss to truss.



Open Energy Shield in Continental 36



Flat Systems

The Flat Curtain uses the same basic design as the Slope – Flat – Slope curtains. This curtain is designed to hang below the bottom chord so that the leading edge can pass under the interior gutters, reducing the number of racks and push-pull tubes required.

The flat curtain can be used inside or outside.



Flat Curtain in non-ATI structure.



Flat Curtain in Solar Light 18

Blackout Systems



Blackout Curtain in Solar Light 42 for Ball Horticulture



Blackout systems are used to control day length so that light sensitive crops can reach the market at premium value.

The Energy Shield features full closing to maximize blackout, and full opening to maximize growing light. Interior heat and moisture buildup is minimized by using quality fabrics. Integration with heating, cooling, circulation, and ventilation can be built in.

Double Curtain System. One Energy System and One Blackout System.

Retro-Fit Systems

The Agra Tech Curtain system is so reliable and sought after we've installed it in many of our competitors buildings. No matter what building you have we can make our system work for your needs.



Slope-Flat-Slope Curtain in non-ATI structure

