

Glazing Systems for Our Greenhouses



We offer four different glazing systems: **single pane glass**, **tempered insulated double pane glass**, **twinwall polycarbonate**, and **fivewall polycarbonate**. Our glazing options allow you to attain the best balance between insulating value, aesthetics, and economy to suit your needs.

- Continuous, exterior capping system to secure the glazing and maintain the airtight seal.
- All glazing systems can be lined with polyethylene using plastic clips to increase heat insulation and reduce heating costs in the winter.
- Our glazing options can be intermixed in the same greenhouse to add extra insulation and light diffusion where it is needed while maintaining aesthetic appeal and optimal visual effect where desired.

Which Glazing System is Right for you?

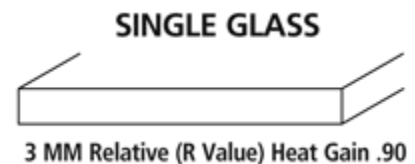
Our Cross Country Greenhouses are pleased to offer many different glazing systems to personalize your greenhouse to your exact needs and preferences.

Single Pane Glass:

Single glazing is one of the most economical glazing systems and makes for a nice show piece in your yard. All our single glass is tempered safety glass to minimize any possibility of breakage or injury. The traditional look appeals to greenhouse gardens with full light transmission capable of controlling their growing variable. Single pane glass is adequate for keeping a `cool greenhouse` in mild climates.

R value = 0.9.

Approximately 95% light transmission.



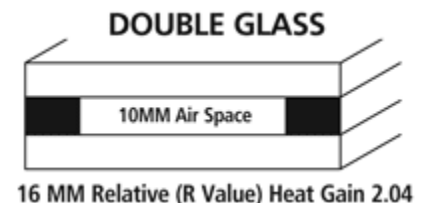
Double Pane Glass:

Double glaze-insulated glass offers the gardener a spectacular view of plants and flowers while maintaining superb heat insulation for all types of growing. All our double glazed glass is tempered safety glass to minimize any possibility of breakage or injury. Insulated double glass is the best of both worlds, providing you with the aesthetically pleasing look of glass and the insulation you may require for your specialty plants.

Typical clear double glass R Value = 2.04

Approximately 90% light transmission

Double glaze glass can also be upgraded to a high-performance Low E glass to help keep the greenhouse even cooler in the summer and warmer in the winter while still maintaining the light necessary for plant growth. Other high performance options are available; please contact us for more information.



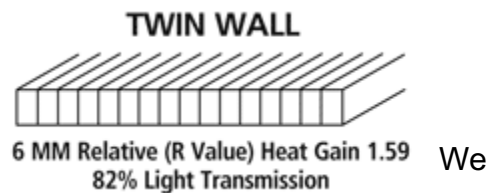
Optional high performance Low E glass R Value = 3.3
Approximately 70% light transmission

Twinwall Polycarbonate:

Our 6mm twinwall polycarbonate is the most economical glazing materials. It is a practical for a `growing greenhouse` as it offers 50% more insulation than single pane glass and diffuses harmful sunlight in the summer. It is essentially unbreakable, making it very safe in a family environment. The insulation will prevent the temperature in the greenhouse from changing drastically and results in the best possible growing environment.

R value = 1.59.

Approximately 82% light transmission.



Fivewall Polycarbonate:

are pleased to introduce the most energy efficient covering available on standard greenhouses today. Our new 16mm fivewall polycarbonate offers unbeatable insulation, which is 50% more insulating than double pane glass, or 80% more efficient than 6mm or 8mm twinwall polycarbonate. Fivewall is ideal for colder climates, gardeners who grow specialty plants, or for those who most energy efficient greenhouse to heating costs.

R value = 3.03.

Approximately 62% light transmission

