



COLD FRAME vs. GREENHOUSE

A **COLD FRAME** usually has a single plastic covered structure and used as a season extender

A **GREENHOUSE** usually has a double plastic cover with air in between and sides that roll up for year round use and better heat efficiency

AVAILABLE OPTIONS

- Custom widths, heights & hoop spacing
- Roof vents & forced ventilation packages
- Various types & sizes of doors with end framing priced separately
- 8mm polycarbonate sheeting for roof and/or ends
- Roll up sides for natural ventilation & reduced condensation
- Cross ties for added rigidity, hanging baskets or crop support



Call us toll free at:

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Or visit us on the web at

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**Unique uses require unique
solutions...Creatively helping you for
over 40 years!**



LARGE GREENHOUSE SOLUTIONS

MultiShelterSolutions.com
1-866-838-6729

Galvanized rectangular steel will give years of strong, maintenance free service

Peaked roof design & slippery cover creates maximum snow shedding capacity

Simple design with comprehensive installation guide means quick installation time

Custom profile & spacing for specific height & strength requirements, unique for you!



Covering Details

- 6mil clear greenhouse plastic comes with a 4 year warranty against deterioration by the sun.
- White plastic should not be used for plants.
- Cold Frames are typically covered with a single layer poly and have a 5-6 year expected lifespan.
- Greenhouses are typically covered with a double layer poly and have a 7-8 year expected lifespan.
- Packages with double cover include an inflator fan. This kit includes hanger bracket with adaptor to fasten to the inside layer of the cover.
- Double layer poly with air between reduces heat loss by 30% and minimizes condensation. It is very effective for stiffening buildings in severely windy areas
- All packages include one layer of plastic for both ends



Roll up Sides

- No electricity needed with simple hand crank & stop
- Variable height possibilities according to wind area
- Roll up sides work best in combination with end vents located near the peak
- Unique locking strip that is guaranteed not to slip or become out of alignment



A Multi Shelter structure will continue to be money in the bank for years to come!

Anchoring Options

- Choice between Base Bracket (included in pricing seen in brochure) or Anchor Posts for anchoring
- Anchor posts are an optional extra. These hollow steel tubes are 1 ¼ " x 36" or 1 ¾ x 40". There is one anchor post per hoop, usually set into concrete
- Anchor posts are not advisable for very heavy or stony ground because of shifting
- Anchoring the foundation is critical to the long term life of the building



Structure Components & Details

- Base Brackets with 2 lag bolts each to attach to beam, curb, wall, etc (anchoring devices not included)
- Welded continuous ridge with U channel stubs at the prescribed hoop spacing according to local wind & snow load requirements
- Spacers between the hoops (2 per side on the larger buildings, 1 per side on the smaller buildings)
- Diagonal wind braces in each corner
- Wirelock to fasten the cover is composed of an aluminum channel with stainless steel spring inserts. It is included for both sets of end hoops. Sidewall wirelock is an optional extra.

