

## Basic Gable Greenhouse Installation Instructions

growerssolution.com 931-528-3390

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READ FIRST WARNING !!!!! TUBE ENDS MAY BE SHARP

### Step 1

As with all Construction, Square the corner stakes with each other. Lay and Space Ground stakes out and after squaring up corner stakes drive corner stakes. Then drive rest or stakes on 4 ft centers. Drive to within approximately 4 inches of Ground. Use a string Level to have all Stakes Level. You will have about 24 to 26 inches of stake driven into the ground. Use Large bolt and washer or 2x4 on top of stake to drive in.! Also you will have 2 ground stakes for each end to drive to hold the door uprights in place. IF you put a 36 inch screen door then have a 36 inch ID spacing so door will fit in to rough opening. See finished photo below for better idea of how it is installed..



### Step 2

Place bow sections on flat ground . Slide together and secure at joints with self tapping screws provided. Place Screws on the side of the pipe, Not the top. Gable Bows are 5 piece bows. Each bow includes 3 bent pipe, 2 rafters, and 2 side walls. Note to measure 10 ft wide to assure all bows are close to same size.

### Step 3

After bows have been assembled, raise upright and place ends in ground stakes. You must now adjust with a line level to make sure all are even and straight. They can be off a little if needed. NOTE—the front door ground stakes in the picture on right. They are 36.5 inches apart. This is the rough in for most storm doors. YOURS MAY BE SLIGHTLY DIFFERENT. Adjust accordingly please.



### **Step 4**

After your bows are up add Purlin Pipe at the top and both side angles. Use cross Connectors provided. See images. This holds bows - hoops together. Try to get everything line level if possible. Remember, Bow - hoop spacing is 4 ft. Attach cross connectors (purlin clamps) for purlin at each angle. You will have 3 purlins total. Install and tighten cross connectors. This will secure for wind...



### **Step 4B**

Install end wall uprights per picture and secure with Tech Screws. Note door Header on right



**Step 4C** below look at how purlin clamps go together at right.



This is just another view of the roof with center purlin and door uprights connected to roof



### **Step 5**

Attach base board (usually 2 x 6 pressure treated) on bottom and bolted with 4 inch carriage bolts or conduit straps... These are not provided as most folks use personal preference here and we never ship the one they want... Either way works well... Drill through ground stake, bow and 2 x 6 and install carriage bolt.



### **Step 7**

Wire Lock installation... Attach the Aluminum Wire Lock base on the top of the first bow pipe and last bow pipe every 18 inches with the TEK screws provided. Attach Wire Lock base on the 2 x 6 wood base all the way around the greenhouse in the same manner.



This is a picture of frame with optional benches installed.



#### Step 8

Plastic normally has 12” or larger overhang. Film Installation with Wire Lock. Please watch video online for more information. Install film with wirelock on ends first. Then pull Top film over Greenhouse. Lay film over the wire lock base and take wiggle wire and wiggle into base.

Install wigglewire all the way around so film is installed all of the way around . Then if needed you may remove certain wire sections and straighten out film. (get kinks out of film)

Please go to [GROWERS LEARNING CENTER](#) for more information...

Please feel free to call 931-528-3390