

Congratulations on purchasing our Cedar Cold Frame. We hope it brings you many years of gardening enjoyment. It is constructed of Northern White Cedar for its natural rot resistance. At the base of the Cold Frame, the part in contact with the soil, is a sacrificial wood strip, which can be replaced as needed to prolong the lifespan of the Cold Frame. The right door panel includes two spring loaded retaining pins that engage the tracks in the front and rear rail boards, preventing the covers from being damaged by excessive winds.

For optimum performance, we recommend using the "Univent Automatic Opener for Cedar Cold Frame" which we have specially designed to automatically open and close the bifold cover of the Cold Frame to prevent overheating.

Parts List

1 back Panel; 16" x 48"
1 front Panel, w/clear pane; 12" x 48"
1 left side Panel; 12" frt - 16" back x 48"
1 right side Panel; same
1 Cover (2 clear center hinged panels)

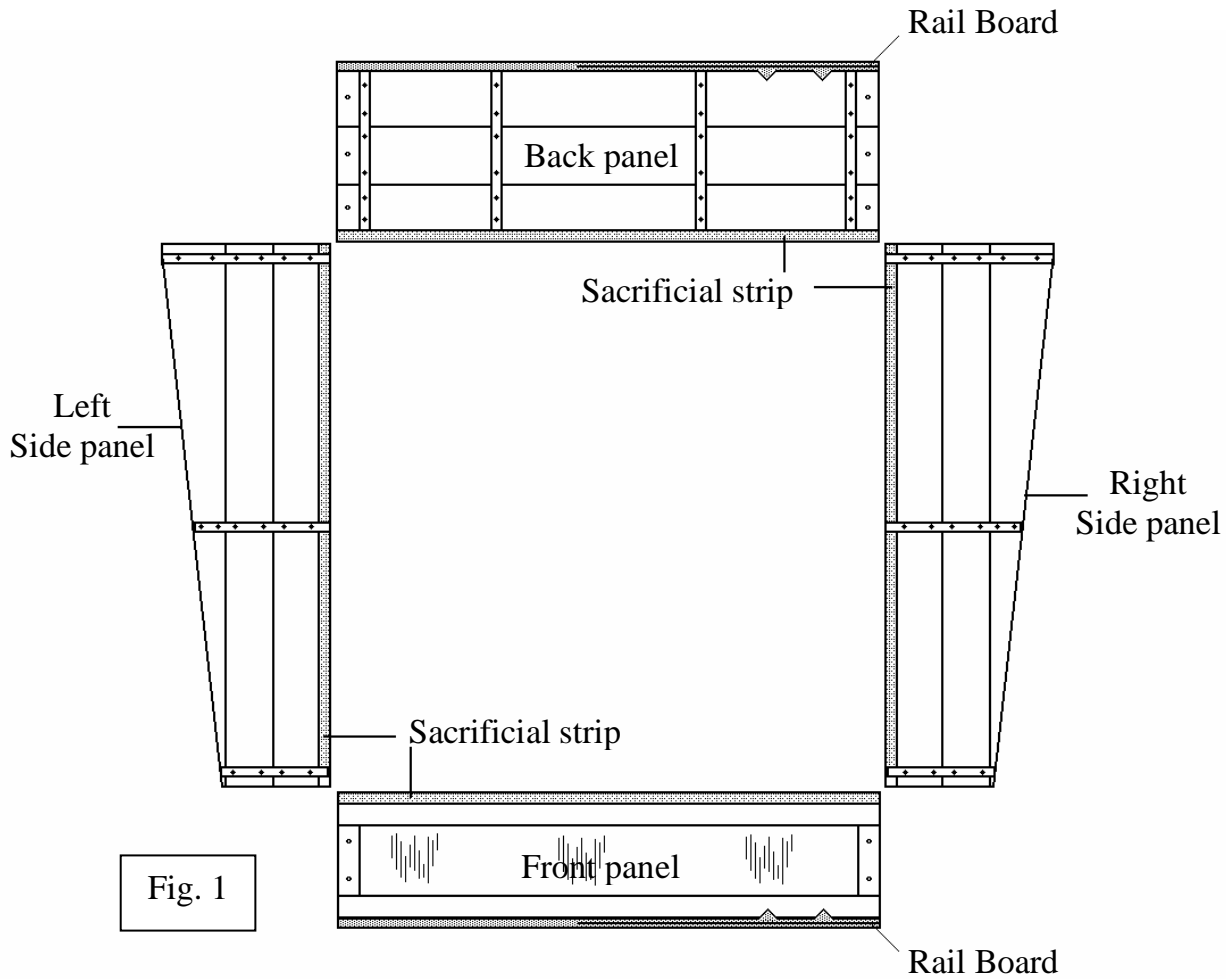
10 - ¼" x 2½" Carriage Bolts
10 washers and ¼" nuts
1 Handle with 2 - 1" wood screws
12 - 8/32" x 1½" bolts (for hinges)
12 - 8/32" nuts and washers (for hinges)

Tools needed

A 7/16" and an 11/32" wrench
Hammer
Phillips screwdriver

Assembly Instructions

Unpack and lay out the front, back and side panels, noting that the ribs face in, the rail boards on the front and back panels are mounted on the outside, the sacrificial wood strip is on the bottom, and the side panels are shorter in the front (See Fig. 1).



- ◆ Working on one corner at a time, bring two panels together and gently tap the carriage bolts through the pre-drilled holes until they are completely seated into the wood and protruding inside the Cold Frame. Put on washers & nuts and tighten until snug, don't over tighten. Repeat until all four panels are assembled at the corners and bolted (See Fig. 2).

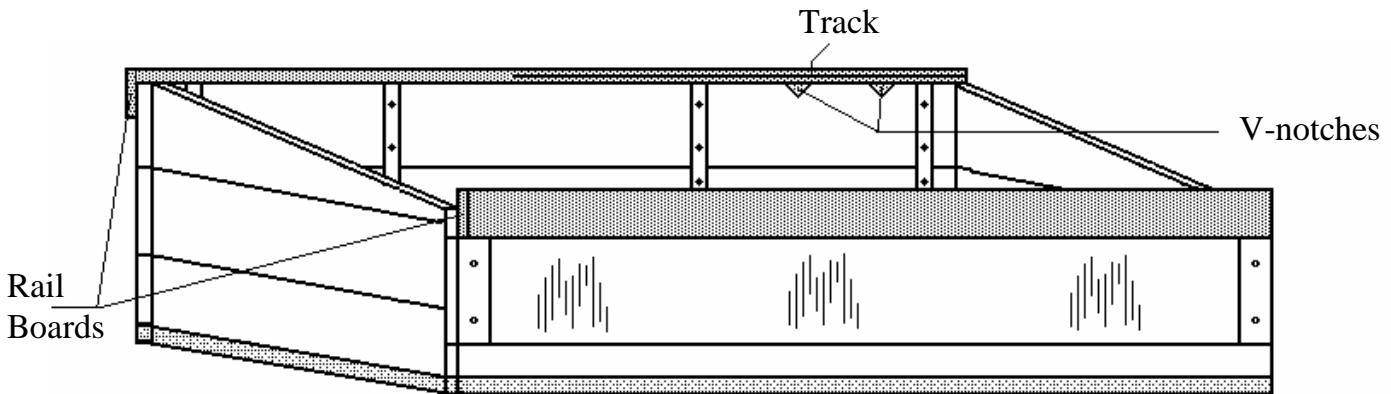


Fig. 2

- ◆ Once all four panels are assembled at the corners, place the cover (actually two clear panels hinged at the center) on top of the cold frame base with the strap hinges on top and to the left. Depress the spring retaining pins on the top and bottom of the right cover panel, allowing the cover to drop into position between the front and rear rail boards (See Fig. 3).

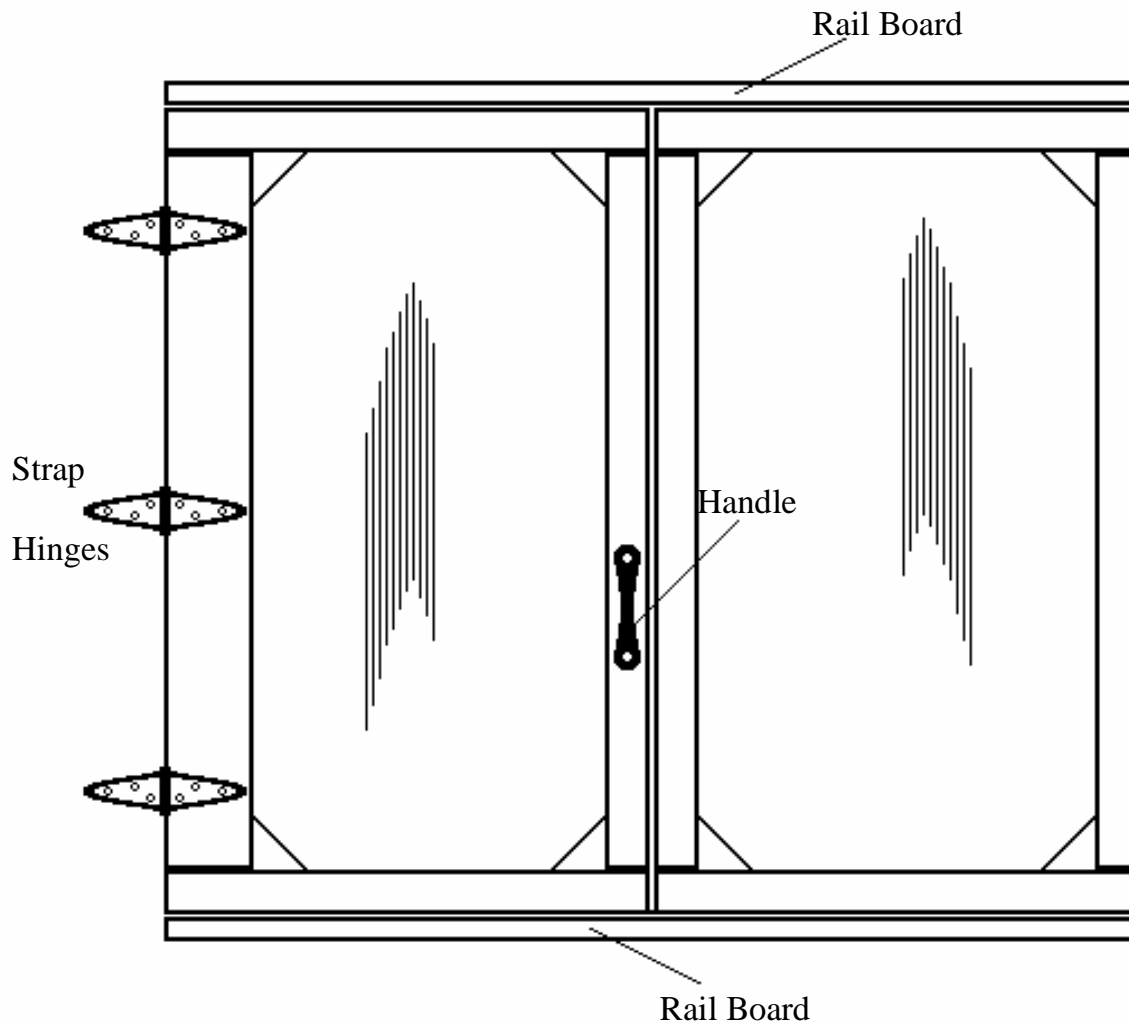


Fig. 3

- ◆ The pre-drilled screw holes for the handle should be visible on the center framing of the cover panel, approximately 18" from the front. Place the handle over the pre-drilled holes at the front center of the cover panels and attach with the screws provided.

- ◆ The strap hinges are secured to the cover frame with a single screw. Finish bolting the hinges onto the cover through the pre-drilled holes only, using the 8/32" x 1½" bolts, washers and nuts provided. Installation of the nuts and bolts is made easier by holding the strap hinge side in place while raising the covers by the handle until the right cover panel engages one of the V-notches. This will hold the covers in the open position so that the nuts and bolts on the upper and lower strap hinges can be installed and tightened. Installing the nuts and bolts for the center strap hinge can be accomplished by opening the doors fully to get clear access (a second pair of hands comes in handy to hold the bolts, as it's a bit of a stretch). **Please note: Although the strap hinges have holes for 3-4 bolts, **do not** put a screw or bolt in the position(s) closest to the hinge joint or the cover will not open properly. Only place the bolts in the pre-drilled holes.

Opening and Closing the Cover

The Cold Frame Covers can be fully opened, folded and laid aside on the ground, to allow for full access to the Cold Frame for planting, weeding, or whatever.

- ◆ To open the cover, raise the right cover until it engages the second V-notch. Hold the handle with your left hand and grasp the edge of the right door as close to the center of the door as possible with your right hand. Using your right hand, push the cover panel horizontally to the left until the edge of the right cover is on the left side of the frame. Lifting the edge of the right cover upward will release the spring loaded pins from the tracks in the rail boards. The covers may now be folded and laid on the ground next to the Cold Frame.
- ◆ To close the cover, hold the door handle in your left hand, and the right hand edge of the right cover in your right hand. Extend the cover over the frame until the retaining pins are over the V-notches. "Spring/twist" the right cover just enough to place the upper spring loaded pin into the track on the rear rail board. Lower the cover to the front rail board and depress the spring loaded pin, allowing the cover to settle into the tracks. Guide the cover past the V-notches and allow the cover to close – be careful not to pinch your fingers when closing the cover.
- ◆ Last step. Congratulate yourself and start planning what you are going to harvest from your Cold Frame.

Updated 11/2002